



# Tiling Products

*the directory*

PROFESSIONAL  
**Nicobond**



The Nicholls & Clarke Group is a business dedicated to the manufacture and supply of the finest building materials. Founded in 1875 in London, we have grown from servicing the capitals' building trades to becoming the largest privately owned national manufacturer and distributor of fine quality building products.

Quality manufacturing is at the core of our business and comes as standard. We own state of the art manufacturing facilities based across the UK and Central Europe. This gives us the broadest manufacturing capability available, allowing us to offer an extensive portfolio of product, more specialised than that of any of our competitors.

Our distribution network is supported with our private fleet of over 110 commercial vehicles. This gives us full logistical control from the point of manufacture through to delivery to site. We offer a nationwide delivery service, be that to site, home or commercial address. The vast majority of our deliveries are made on a next day basis.



## Sixty Years of Innovation and Still Evolving

N&C Nicobond are the original, British manufacturers and distributors of high quality tile adhesives, grouts, smoothing compounds and tiling systems. With over 60 years experience, Nicobond have grown from strength to strength with expertise in the manufacture and distribution of high quality products. This 60 year journey has seen Nicobond products evolving in harmony with the tile manufacturing industry. We offer an unrivalled range of solutions that allow the fixing of every format of product imaginable, from large format stone to slim porcelain tiles or slabs.

Nicobond products have been developed for use within specialist applications as well as day to day applications, and within domestic and commercial settings.



## Experience

Established in 1875, Nicholls & Clarke has pedigree that has been developed over many years. Through great heritage, we have gained a depth of knowledge and invaluable experience in the manufacturing and supplying of Nicobond products to the construction market. We have experience across many industries with a huge portfolio of products suited to all project environments.

## Total Solution Providers

Part of the Nicholls & Clarke Group, we have the ability to offer the complete tiling package through a comprehensive range of quality products, so that you can benefit from dealing with one source, making it easier to co-ordinate project supplies.

## Inventors & Innovators

N&C Nicobond invented ready mixed tile adhesive in 1958 and continue to be at the forefront of innovation, embracing new technology within the industry and better defining our portfolio with products that perform, but where quality and functionality are at its peak. As inventors, we continue to engage in research and development and have spent more than 55 years developing innovative Nicobond products that solve the challenges faced in today's construction industry.

## Technical Service

The N&C Nicobond technical team has well over 200 years of combined experience in the tile adhesive & screeding industry. We are able to offer a full technical specification service and are available to attend any site address throughout the U.K. A technical written specification is available on request.

## Research & Development

The chemists in our highly equipped laboratories are constantly engaged in research and development. Investment in the latest laboratory equipment and testing facilities allow us to push forward with the development of the next new technology or raw material that will further enhance product performance or handling characteristics. Prior to going to market, we undergo rigorous testing of all our products to ensure that performance is to a high standard. All products are tested to meet the relevant standards and regulations.

## 24 Hour Nationwide Delivery

Nicholls & Clarke are unique in being able to offer nationwide, next day delivery, even when you order up to 5pm the day before<sup>1</sup> and there is no minimum order requirement. N&C Nicobond operates from 18 branches nationwide so can offer localised delivery, or with thousands of product lines in stock, you also have the option to collect.

## Environment

As an ISO14001 company, sustainability is a core part of our company agenda. As well as various carbon offsetting programmes in place, we invest a great deal in manufacturing and developing solutions dedicated to reducing our carbon footprint, and in turn increasing our customers' green credentials.

## Customer Care

We aim to provide you with an outstanding level of customer service that will help to further enhance the service you offer to your clients. We monitor our performance levels and strive to achieve 100% client satisfaction. We believe that open channels of communication with our customers, coupled with their feedback are a sure way of further improving our customers buying experience.

## British Manufacture

Our three state of the art U.K manufacturing facilities comply with ISO 9001 and ISO 14001, utilise the latest manufacturing technologies and apply stringent quality control checks during every part of the manufacturing process. Only the highest quality raw materials, product formulations and packaging materials are used, ensuring the finished product meets our exacting standards, far exceeding those of the latest European standards.

### Product Features Key



## International

N&C Nicobond products are used in over 70 countries throughout the world in some of the most demanding commercial situations and climates imaginable. This worldwide experience has furthered the development of some of the latest technologies we now use in the U.K.

## Training

We offer practical training courses at our 120,000 square foot head office facility. Our team of experts will demonstrate and give clients and customers the opportunity to get hands on with our range of products. For further information please contact our Head Office on 020 8586 4600 or email us at [info@nichollsandclarke.com](mailto:info@nichollsandclarke.com)

## Trade Associations & Technical Committees

N&C Nicobond has been heavily involved in the creation of British & European Standards for decades. We have chaired The Tile Association and their Wetroom Technical Committee. We are also part of the Contract Flooring Association we continue to push for stringent policing of the industry which would stop manufacturers falsely claiming specific European standards on packaging. Our philosophy has always been to drive up quality and standards whilst remaining highly competitive.

## Warranties

N&C Nicobond products are manufactured to such high and exacting standards enabling us to offer a life time warranty on all our adhesives, grouting compounds and screeds.

## Product Quality

All Nicobond products are tried and tested prior to being introduced into the marketplace. All Nicobond adhesives and grouts achieve classifications that meet EN Standards for the optimum product confidence and quality.



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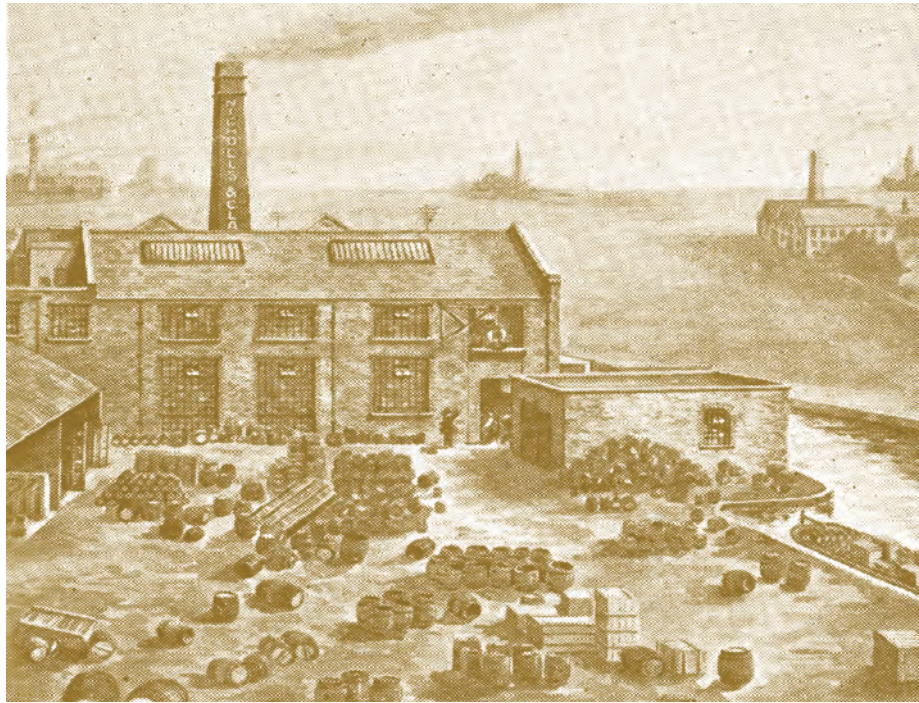
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# Our history & heritage *leading the way ahead...*

As Nicobond celebrate 60 years of innovation in tiling and flooring, we remember our foundations and how we developed into the company we are today.

Founded in 1875, the Nicholls & Clarke Group have grown from strength to strength with over 140 years of experience and expertise in the manufacture and distribution of high quality building products. The journey saw huge developments into new areas of trade through diversifying and ongoing product development to meet the needs of different markets.



In the earliest days, it was the experimentation of raw materials for paint that formed an important part of the evolution of Nicobond Products.

The sensational discovery of emulsion paint was made through experimenting with Polyvinyl Acetate Emulsion, a raw material that was new to the paint trade by Mr A.E.G. Brown at our former Nicholls & Clarke Bow factory. The success of Nicoloid Emulsion Paint was staggering and changed the face of interior decorating for both the public and trade.

In an attempt to diversify and make use of the new polymer emulsion, Dr Eric Leigh, a former Chemist at our Bow Factory experimented with various paste formulations. In a moment of inspiration, one of these was used to fix a tile to a wall. It very quickly became



apparent that an exciting new product had been invented as attempts to remove the tile proved difficult. It had superb adhesion in excess of 300lbs p.s.i. compared to about 5lbs p.s.i for sand and cement. Samples were sent to tile manufacturers which resulted in exciting reports and feedback, that led to the development of the first ready mixed tile adhesive paste.

The success was unprecedented and was to be a breakthrough in tile fixing, not only in the UK but internationally. The product was to be called Nicobond Tile Cement, today known as Nicobond Tile Adhesive. Tile fixing prior to the introduction of Nicobond Tile

Cement consisted of installations using either black solvent based adhesive or sand and cement mortar, which required highly skilled operators with only cement rendered surfaces used as a suitable base. Nicobond Tile Cement was pure white, easy to use and easy to clean off with water. Furthermore, it became apparent that tiling could be carried out directly to plaster, cement, and painted surfaces and even onto old tiles. This has radically changed the tile industry, as manufacturers were able to reduce the thickness of tiles to produce modern tiles that we still see today. Pre-soaking of tiles before fixing also became a thing of the past.

Nicobond became a success in a short space of time. Sales were being made throughout the UK, Europe and Worldwide. Nicobond were producing tile adhesive for other leading manufacturers still operating even today.





As time went on, it became evident that a separate organisation was needed to cope with the sales, marketing and specialist production of this new product. The new company, Nicobond (Products) was formed to look after the manufacturing, with distribution outlets opened in Cardiff in 1966, Stoke-on-Trent in 1968 and Glasgow in 1981 trading as Nicobond Western, Nicobond Midlands and Nicobond Scotland. Niclar exports was set up in 1972 to cater to the rapidly growing sales internationally.

Over the many years from the early period until present day, Nicholls & Clarke stay true to a philosophy engrained in the heart of the company to drive forward and adapt to changing trends in the market in order to stay relevant. This is achieved by understanding customers requirements and solving common problems.

In 2008, N&C introduced a revolutionary solution for

fixing tiles and natural stone to timber floors, Nicobond Plastic Ply. The 2mm thick, self adhesive reinforcing sheet helped to prevent problems of damage to tiles and tile joints by avoiding the effects of timber shrinkage, warping and rotting. Plastic Ply eliminates the need to install thick sheets of marine grade plywood (min 15mm) or similar over-boarding products in order to achieve an attractive and sound tiled floor finish. Easy to use, install and store Nicobond Plastic Ply was a huge success from the outset. It has been stated that tilers that have transferred over to using Nicobond Plastic Ply have not reverted back to traditional methods. With year on year growth, the success of the product has been phenomenal, exceeding expectations.



performance guarantee. This new innovation was created using patented technology to achieve high stain, mould and acid resistance. Under adverse conditions of high humidity and wetting, such as kitchens, bathrooms and even swimming pools grout lines remain as fresh as when first applied. Nicobond Starlike has been rigorously tried and tested against other leading brands and has demonstrated that absolute white grout line can be achieved whilst other brands discolour over time.

In 2011, after identifying that the use of anhydrite/calcium sulphate screeds was increasingly being used in modern day construction, Nicobond formulated Nicobond Gypfix, a new, innovative, rapid setting, white, gypsum based tile adhesive specially designed for fixing ceramic, porcelain and natural stone tiles directly onto Anhydrite/ Calcium Sulphate substrates.

2015 saw the introduction of the Nicobond ScreedPro range of smoothing compounds which offers the specifier and contractor a series of OPC (Ordinary Portland Cement) free products with unique super fast drying capabilities. Market leading flow characteristics, fibre technology and the use of raw materials that improve performance whilst having a lesser impact on our environment are just a few of the benefits offered.

This high strength adhesive, unlike any other in the marketplace, achieves high levels of bond strength on a par with traditional C2 category cement based adhesives. Priming is not required as there is no risk of Ettringite with this product. Nicobond Gypfix is highly successful and presents the specifier with a viable and practical alternative to cement based adhesive systems.

In 2018, we launched the first single part S2 fibre reinforced formulation with high flexibility which can be bonded to various surfaces including green screeds.

As well as providing quality solutions with the trade in mind, Nicobond produce innovative solutions to overcome consumer problems.

Nicholls & Clarke's philosophy remains intact as new and innovative solutions are defined to overcome problems in day to day and specialist tiling installations by utilising over 100 years of combined technical expertise.

In 2012, Nicobond introduced Starlike, a new genre of extreme performance grout that had been developed to allow long term UV resistance and a lifetime

**Building Materials - November, 1958**

**NICOBOND TILE CEMENT**

*A Superior adhesive specially made for tiling new work or refixing loose tiles*

NOTE THESE POINTS:

- ★ Will affix tiles to almost any type of surface including **HARDBOARD, WOOD, BRICK, SLATE, CEMENT, ASBESTOS, PAINTED WOOD, WALLBLOCK and METAL.**
- ★ **NICOBOND TILE CEMENT** is off white in colour, does not stain, is not messy and has no unpleasant smell
- ★ **NICOBOND TILE CEMENT** is non-flammable and can be used with the utmost safety.
- ★ Very Competitively Priced.

**It's New!**

Send now for full details

**NICHOLLS & CLARKE LTD.**  
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 3/10 SHOREDITCH HIGH STREET  
 LONDON E.1  
 Telephone B1Shopsgate 4842/4622 (21 lines)

also at  
 11 BANK STREET, NEWTON ABBOT  
 DEVON  
 Telephone 150

## Nicobond Quality Assurance

All Nicobond adhesives and grouts have been tried and tested for quality assurance and meet the relevant EN Standards Classification to give you the ultimate confidence in our products. Our products are manufactured to such high and exacting standards enabling us to offer a life time warranty on all our adhesives, grouting compounds and screeds.

### Guide to Adhesives and Grouts For Tiles European Standards EN 12004 – 1, EN 12004 - 2, EN 13888

**EN12004** General classification for cement based adhesives categorised as Type C.  
Ready mixed or paste adhesives categorised as Dispersion adhesives Type D.  
Epoxy resin adhesives categorised as Reaction Resin Adhesives Type R.

| Category | Product Characteristics   |
|----------|---|
| C1       | Normal cementitious adhesive  |
| C1 F     | Fast-setting cementitious adhesive  |
| C1 T     | Normal cementitious adhesive with reduced slip  |
| C1 FT    | Fast-setting cementitious adhesive with reduced slip  |
| C2       | Improved cementitious adhesive with additional characteristics                                      |
| C2 E     | Cementitious adhesive with extended open time   |
| C2 F     | Improved fast-setting cementitious adhesive with additional characteristics                         |
| C2 T     | Improved cementitious adhesive with additional characteristics and reduced slip                     |
| C2 TE    | Improved cementitious adhesive with additional characteristics, reduced slip and extended open time |
| C2 FT    | Improved fast-setting cementitious adhesive with additional characteristics and reduced slip        |
| D1       | Normal dispersion adhesive  |
| D1 T     | Normal dispersion adhesive with reduced slip  |
| D2       | Improved dispersion adhesive with additional characteristics  |
| D2 T     | Improved dispersion adhesive with additional characteristics and reduced slip                       |
| D2 TE    | Improved dispersion adhesive with additional characteristics, reduced slip and extended open time   |
| R1       | Normal reaction resin adhesive  |
| R1 T     | Normal reaction resin adhesive with reduced slip  |
| R2       | Improved reaction resin adhesive with additional characteristics                                    |
| R2 T     | Improved reaction resin adhesive with additional characteristics and reduced slip                   |
| S1       | Deformable adhesive   |
| S2       | Highly deformable adhesive  |

**EN13888** General classification for cement based grouts Type C class G.  
Reaction Resin Grouts Type R class G.

| Category | Product Characteristics                                     |
|----------|---|
| CG1      | Normal cementitious grout                                   |
| CG2      | Improved cementitious grout with additional characteristics |
| RG       | Reaction resin grout  |



#### CE Marking of Tile Adhesives

The CE mark is a fitness for purpose mark linked to the essential requirements listed within the above standard and in essence is a 'passport' which allows our tile adhesive products to be placed on the market in any EU member state.

With effect from July 2013 CE marking became mandatory for tile adhesives in the UK. In order to be CE marked, tile adhesives must comply with the essential requirements of the relevant Harmonised EN Standards set out under the Construction Products Regulation (CPR). The relevant performance targets and test requirements for CE marking are contained in the European Standard: Annex Z of EN 12004.

### Guide to Screed Material and Floor Screeds European Standard EN 13813

**EN13813** Classification for Screed material and floor screeds  
Screed Material - Properties and requirements.

| Category | Product Characteristics                   |
|----------|---|
| CT       | Cementitious Screeds to EN 13892-2: 2002  |
| C        | Compressive Strength in N/mm <sup>2</sup> |
| F        | Flexural Strength in N/mm <sup>2</sup>    |

#### Installation notes

For full technical information visit [www.nichollsandclarke.com](http://www.nichollsandclarke.com) and ensure that the relevant data sheets have been read prior to undertaking the installation.

#### Drilling glass tiles

To drill holes in glass tile you must use a motorised (electric) hand drill - use Nicobond Diamond edged Electroplated Hole saws. Drilling must be performed with the Nicobond Water cooling system. If cooling is insufficient, the edges will crack or split at a later date. The larger the diameter of the hole, the lower the rpm speed setting (e.g. 1800-2000 rpm for 0 10mm (0,4"), 800-1000 rpm for 0 25 mm(1"). Pre-drilling from the reverse (rear) side of the tile (approximately half way through) will prevent the splintering of the hole edge. Grind down properly all drilled edges. Do not apply excessive pressure while drilling - allow the diamond core drill to drill the hole! When drilling installed tiles it is possible to drill holes with a diameter of 6-25mm (0,24"-1 "). The diameter of the hole drilled into a tile should be 2 mm (0,08") larger than diameter of the pipe or fitting.

#### Grinding and bevelling tile edges

After cutting and drilling tiles you must mechanically grind, smooth and bevel all cut edges (e.g. by electric hand drill with grinding wheel). Commence with 60-grade silicone carbide sandpaper and for a smoother finish use 100-grade silicone carbide paper. Keeping the cut edge of the tile wet while sanding will provide the best results. If using an electric drill the recommended grinding speed is 2000-3000 rpm. Grinding should continue until a factory type finish is achieved. This results in reducing the visibility of grouting materials and also minimises the risk of the tile cracking.

#### Metallic decoration

A number of decorated tiles now have silver metallic or 18 carat gold fired onto the glaze, and being a soft precious metal will not withstand abrasion, therefore special care should be taken when grouting and cleaning these tiles.

#### Natural stone

Certain Natural Stones may be extremely porous; therefore the potential for efflorescence and general staining may be increased. This is a characteristic of these particular Natural Stones and therefore is not caused by the Nicobond adhesive and grout systems used. We recommend where pale coloured Natural Stones are used that a white adhesive is specified as well as being fixed using the solid bed fixing method. All Natural Stones should be sealed using the appropriate sealer(s) prior to grouting, following the manufacturers instructions.

We endeavour to ensure that any advice, recommendation or information given in this booklet is accurate and correct. However, we have no control over the circumstances in which our products or systems are used.

It is important that end users satisfy themselves that due deference is given to specifications and guidance as detailed in British Standards BS 5385 Parts 1-5. The code of practice for fixing wall and floor tiles. An assessment must be made for the need for and location of movement joints & insert in accordance with the appropriate part of BS 5385. Additional information relating to tile fixing to timber substrates can be found in The Tile Association "Tiling to Timber Sheets and Board, Timber Substrates and Alternative Products."

No responsibility can be accepted or any warranty given by ourselves, agents or distributors, other than that the products supplied by us will meet our written specifications. The end user should at all times ensure that he has consulted our latest product and safety information sheets. Setting times for adhesives and grouts are given as accurately as possible based on a temperature of 20°C and 50% relative humidity. Extremes of temperature and humidity will influence the figures stated. Setting times may be extended if Porcelain bodied tiles are used owing to their impervious nature, the use of additives in adhesives and grouts can also produce a similar effect.





### Our Commercial Partners

We have worked in partnership with an extensive list of customers throughout the UK and worldwide on some of the most demanding projects imaginable. Our first projects were completed over 60 years ago, yet our products continue to perform today and will continue to do so for the life of the building or project. This pedigree has created ultimate confidence in the N&C Nicobond products.

Today we have N&C products specified by many recognised UK and international brands and are also working with many of the UK's premier contractors, who in turn work in partnership with these brands.





## A business dedicated to a sustainable future

The environment matters. N&C Nicobond are committed to a continuous programme of improvement in this important area of business. We have an environmental committee which meets regularly to assess our performance and levels of progress. We train all our people to be environmentally aware in the workplace as we can all make a difference on a daily basis.



**Together, we will promote the best use of environmental practice and more particularly Nicholls & Clarke will:-**

- Continuously improve environmental performance
- Reduce consumption of resources
- Measure and take action to reduce the carbon footprint of business activities
- Ensure environmental criteria are taken into account in the procurement of goods and services
- Encourage staff involvement in environmental issues
- Expect similar environmental standards from all business partners
- Meet or exceed all environmental legislation that relates to the business

As manufacturers and distributors, Nicholls & Clarke has made a corporate commitment to improving its environmental performance through an Environmental Policy. This will provide the framework for all our work, whether it is in relation to energy efficiency, sustainable waste management or sustainable transport. A committee (Environmental Committee) will implement this policy by developing programmes of work that constitute an Environmental Management System.

The Environmental Committee will monitor the effectiveness of its policies and actions.

**To meet these commitments Nicholls & Clarke will:-**

- Set and monitor strategic objectives and targets for managing environmental performance
- Communicate internally and externally this commitment and environmental performance
- Work together with staff and business partners to promote improved environmental performance
- Review the environmental policy regularly

### International Standards – Achieving ISO14001

With the growing demand for products to be sourced from more eco-friendly production, a high volume of carbon dioxide emissions have been considerably reduced, as a result of the new procedures in place to effectively tackle climate change and the negative effects on the environment, continually advocating the prudent use of natural resources. These processes have led to the accreditation of ISO 14001, the international standard for environmental management systems (EMS). This achievement ensures that our customers are benefiting by proving the products are sourced from an ISO 14001 company.

*“Through controlling our CO2 emissions, our customers benefit by sourcing their products from a responsible manufacturer. We have recognised the importance of the environment on future generations and proactively work towards reducing the environmental impact within our manufacturing processes.*

Stephen Forbes, Deputy Chairman, Nicholls & Clarke.

### Carbon Footprint

Our manufacturing processes, buildings, delivery and travel policies are monitored continuously which has already reduced our carbon emissions.

### Product Development

Our Chemists consider the impact a new product will have on the environment. We work hard to develop low impact formulations that still give the specifier, professional tiling or screeding contractor the performance and handling characteristics they require.



### Raw Materials

The vast majority of our raw materials are sourced locally to our factory in Stoke-on-Trent. We evaluate each raw material supplier's credentials and ensure that we select low carbon partners.

### Low Carbon Manufacturing

We continue to invest in the latest low carbon manufacturing equipment. We make use of grey water technology, solar panels & low energy lighting systems. All our products have low VOC's.

### Energy Saving

Our aim is to keep our energy consumption to a minimum and to use the greenest sources wherever possible.

### Packaging

Wherever possible we make use of packaging with a recycled content. Certain products like 'Ecoflex' use unbleached naturally coloured packaging.

### Recycling

Pallets are repaired and reused internally to reduce our consumption of wood. Pallets beyond repair are sent to be recycled rather than being land filled. We also recycle plastic, paper and cardboard.

### Waste Reduction

The latest manufacturing techniques and the use of grey water technologies have reduced the amount of waste our manufacturing facilities create.

### Carbon Offsetting

N&C Nicobond supports a carbon offsetting program designed to benefit the environment through delivering reliable emission reductions through products such as Ecoflex adhesive.



### Logistics

We own and operate a private fleet of low carbon commercial vehicles. Our transport managers hold a 'Certificate of Professional Competence' and ensure that we use our fleet efficiently using efficient routing and maximising vehicle capacity.

### Social Responsibility

We believe that a sustainable and responsible business will ultimately become a more successful one. We respect the local communities we operate in and work closely with them ensuring we minimise our impact on them. We support a national charity that works in the local communities to our branches providing disadvantaged children with vital equipment.

## Nicobond Waterproof Tile Adhesive

D2 TE

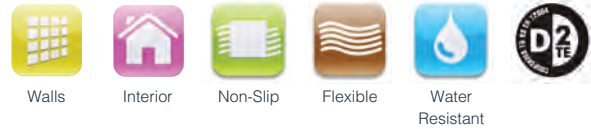
Flexible ready mixed adhesive for wall tiles in bathrooms and showers



- Colour: White
- Max Bed Thickness: 3mm
- Coverage: 0.8kg/m<sup>2</sup>
- Adjustment Time: 15 mins
- Grouting: 4 - 6 hrs
- Open Time: 30 mins
- Available in: 15kg, 3.75kg

A commercial and domestic waterproof acrylic emulsion based ready mixed thin-bed adhesive. For fixing ceramic tiles and mosaics to all internal walls that are subjected to constant splashing or running water e.g. kitchens, bathrooms and domestic/power showers. Able to accommodate slight background movement. Easy to apply with excellent slip resistance and high bond strength.

Priming may be required.



## Nicobond Aquagrip

D2 TE

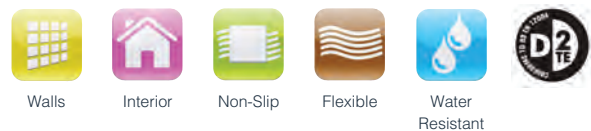
Flexible high grab ready mixed adhesive for wall tiles in bathrooms and showers



- Colour: Off White
- Max Bed Thickness: 3mm
- Coverage: 0.8kg/m<sup>2</sup>
- Adjustment Time: 20 mins
- Grouting: 4 - 6 hrs
- Open Time: 30 mins
- Available in: 15kg

A ready mixed acrylic based waterproof, tile adhesive. Excellent non-slip properties which eliminates the need for battens in most situations. For fixing ceramic tiles and mosaics to all internal walls that are subjected to constant splashing or running water e.g. kitchens, bathrooms and domestic/power showers, also suitable for communal showers.

Priming may be required.



## Nicobond Tile Adhesive

D1 TE

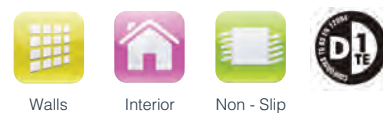
Ready mixed adhesive for fixing wall tiles



- Colour: Off White
- Max Bed Thickness: 3mm
- Coverage: 0.8kg/m<sup>2</sup>
- Adjustment Time: 15 mins
- Grouting: 6 - 12 hrs
- Open Time: 20 mins
- Available in: 15kg

The original ready mixed thin-bed adhesive, for fixing small ceramic tiles and mosaics to all internal walls in dry or intermittently wet locations, e.g. kitchens, bathrooms and domestic showers. Able to accommodate slight background movement. Easy to apply with excellent slip resistance and high bond strength. Superb handling characteristics and reliability.

Priming may be required.



## Nicobond Ultragrip

D1 TE

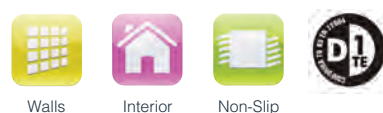
High grab ready mixed ceramic wall tile adhesive



- Colour: Off White
- Max Bed Thickness: 3mm
- Coverage: 0.8kg/m<sup>2</sup>
- Adjustment Time: 15 mins
- Grouting: 6 - 12 hrs
- Open Time: 30 mins
- Available in: 15kg

A commercial and domestic acrylic emulsion based ready mixed thin-bed adhesive. Suitable for fixing ceramic wall tiles and mosaics to most firmly fixed, rigid, dry interior walls. Easy to apply with high grab for larger tiles.

Priming may be required.



## Nicobond Rapidflex Fibre S2 Adhesive

C2F S2

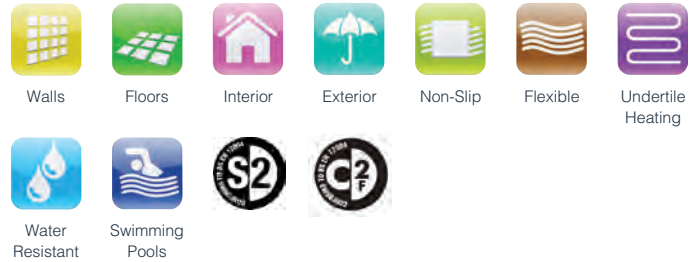
A versatile rapid setting highly polymer modified and fibre reinforced adhesive for bonding porcelain, ceramic tiles and natural stones under difficult conditions including green screeds



- Colour: White & Grey
- Max Bed Thickness: 12mm
- Coverage: 2 - 4kg/m<sup>2</sup>
- Adjust Time: 10 -15 mins
- Grouting: Approx 3 hrs
- Pot Life: 30 - 45 mins
- Open Time: 10 - 15 mins
- Set Time: Approx 3 hrs
- Packaging: 20kg

Nicobond Rapidflex Fibre is a single part highly flexible, fast setting white or grey cement based tile adhesive. With added fibres and high levels of polymer Nicobond Rapidflex Fibre easily achieves the EN classification of S2. This unique formulation enables fixing of ceramic, fully vitrified, porcelain tiles, mosaics and natural stones to surfaces subject to vibration as well as conventional substrates.

Being highly flexible Nicobond Rapidflex Fibre can also be used for the direct bonding of tiles to green screeds, solid timber and existing ceramic tile floors.



## Nicobond Rapidflex S1 Adhesive

C2FT S1

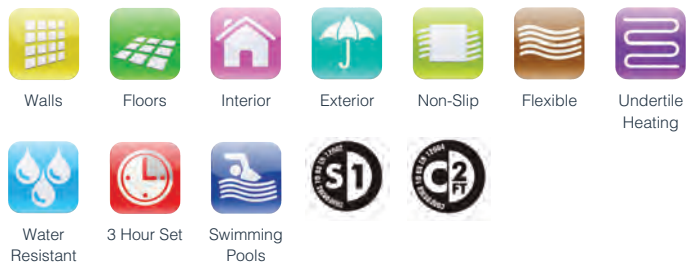
A fast setting, high performance, single part flexible and waterproof tile adhesive, bonds all types of tiles to a wide variety of substrates



- Colour: White, Grey
- Max Bed Thickness: 12mm
- Coverage: 2 - 4kg/m<sup>2</sup>
- Adjust Time: 15 - 20 mins
- Grouting: 1 - 4 hrs
- Pot Life: 30 - 45 mins
- Open Time: 10 - 15 mins
- Available in: 20, 10 kg

A single part, rapid setting, waterproof, thin or thick-bed flexible adhesive with excellent initial grab and non-slip properties. For fixing ceramic wall or floor tiles, porcelain, mosaic and natural stones in interior or exterior situations where a resilient bond is required. Ideal for substrates subject to slight vibration or movement. Bonds to most substrates, including sand/cement surfaces, plywood, flooring grade asphalt, hard vinyl tiles and tile backer boards.

Recommended adhesive for tiling to Nicobond Plastic Ply.



## Nicobond Large Format Flex S1 Adhesive

C2F S1

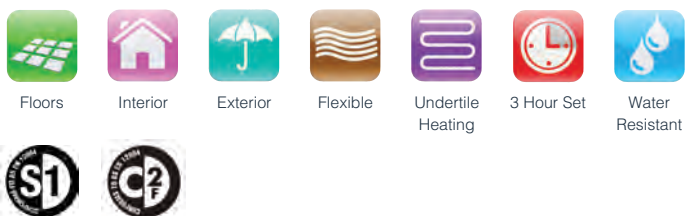
A fast setting flexible and pourable adhesive designed to be of fluid consistency to aid bedding of larger format tiles



- Colour: White & Grey
- Max Bed Thickness: 30mm
- Coverage: 1½ - 4kg/m<sup>2</sup>
- Adjust Time: 20 mins
- Grouting: 3 - 4 hrs
- Pot Life: Approx 45 mins
- Open Time: 20 mins
- Set Time: Approx 3 - 4 hrs
- Packaging: 20kg

Nicobond Large Format Flex is a single part, fast setting, water resistant, polymer modified, pourable flow bed adhesive specifically designed for easier installation of large format ceramic, porcelain, and natural stones in interior or exterior situations. The fluid consistency of this S1 classification adhesive aids bedding of large format tiles without the need for back buttering and provides a strong resilient bond.

Nicobond Large Format Flex will bond to most substrates and is recommended for tiling to Plastic Ply.



## Nicobond Flexible Fibre S1 Adhesive

C2TE S1

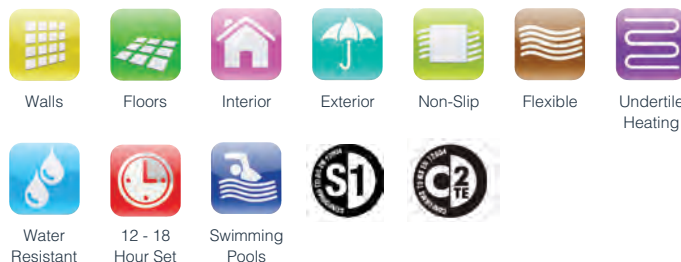
A standard setting highly polymer modified and fibre reinforced adhesive with extended open time for bonding porcelain, ceramic, glass tiles and natural stone.



- Colour: White & Grey
- Max Bed Thickness: 12mm
- Coverage: 2 - 4kg/m<sup>2</sup>
- Adjust Time: 15 - 20 mins
- Grouting: 12 - 18 hrs
- Pot Life: Approx 5 hrs
- Open Time: 10 - 20 mins
- Set Time: Approx 12 - 24 hrs
- Packaging: 20kg

Nicobond Flexible Fibre Adhesive is a highly flexible standard setting, S1 classification, fibre reinforced wall and floor tile adhesive. Nicobond Flexible Fibre Adhesive offers an extended open time and has excellent grab and slip resistance. It can be used for fixing ceramic and glass wall and floor tiles, porcelain, mosaic and natural stones. May be used in areas where slight vibration occurs.

Nicobond Flexible Fibre Adhesive will bond to most substrates and is recommended for tiling to Plastic Ply.



## Nicobond Quickflex S1 Adhesive

C2FT S1

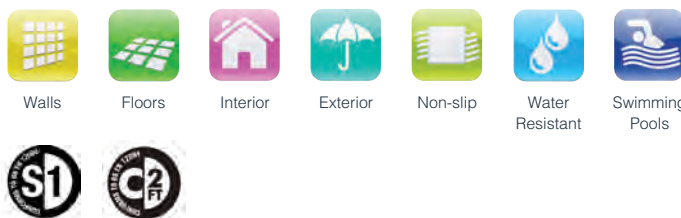
A fast setting high performance and flexible tile adhesive, ideal for bonding porcelain, fully vitrified, ceramic tiles and mosaics



- Colour: White & Grey
- Max Bed Thickness: 12mm
- Coverage: 2 - 4kg/m<sup>2</sup>
- Adjust Time: 10 -15 mins
- Grouting: Approx 3 hrs
- Pot Life: 30 - 45 mins
- Open Time: 10 -15 mins
- Set Time: Approx 3 hrs
- Packaging: 20kg

Nicobond Quickflex S1 is a single part, fast setting and non slip, polymer modified, cement based S1 category tile adhesive, formulated to provide enhanced properties of adhesion to a variety of surfaces in interior and exterior situations. May be used in areas where slight vibration occurs

Highly flexible, Nicobond Quickflex S1 is ideal for fixing ceramic, fully vitrified, porcelain tiles, mosaics and natural stones. Can be used for bonding to plywood. Recommended adhesive for tiling to plastic ply.



## Nicobond Standard Set Flex S1 Adhesive

C2TE S1

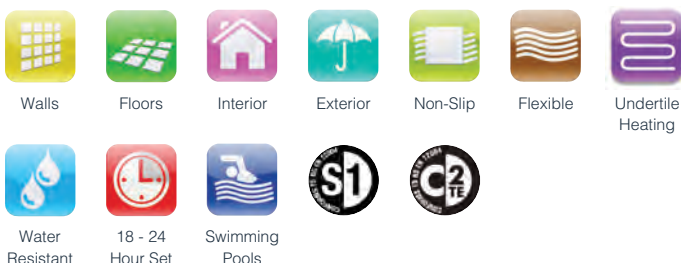
A standard setting high performance and flexible tile adhesive, ideal for bonding porcelain, fully vitrified, ceramic tiles and mosaics



- Colour: White & Grey
- Max Bed Thickness: 12mm
- Coverage: 2 - 4kg/m<sup>2</sup>
- Adjust Time: 15 - 20mins
- Grouting: 18 - 24 hrs
- Pot Life: Approx 5 hrs
- Open Time: Approx 30 mins
- Set Time: Approx 18 - 24 hrs
- Packaging: 20kg

Nicobond Standard Set Flex S1 is a single part, standard setting, polymer enhanced, cement based S1 category tile adhesive with extended open time. Providing superb adhesion, Nicobond Standard Set Flex S1 will bond ceramic, fully vitrified, porcelain tiles, glass mosaics and natural stones to a variety of surfaces. Suitable for interior and exterior use. May be used in areas where slight vibration occurs.

Can be used for bonding to plywood.  
Recommended adhesive for tiling to plastic ply.



## Nicobond Ecoflex S1 Adhesive

**C2FT S1**

A fast setting, high performance, single part flexible and waterproof tile adhesive. Newly re-formulated using recycled material giving additional environmental benefits.



- Colour: Natural Grey
- Max Bed Thickness: 12mm
- Coverage: 2 - 4kg/m<sup>2</sup>
- Adjust Time: 15 - 20 mins
- Grouting: 1 - 4 hrs
- Pot Life: 30 - 45 mins
- Open Time: 10 - 15 mins
- Set Time: Approx 3 hrs
- Packaging: 20kg

A premium multipurpose rapid setting and highly flexible wall and floor tile adhesive. It has excellent initial grab and non-slip properties. Extremely versatile, Ecoflex Carbon Neutral Adhesive is compatible with ceramic tiles, porcelain, mosaic and natural stones and adheres to most commonly tiled substrates.

It is ideal for use where any movement or vibration is anticipated. Recommended adhesive for tiling to Nicobond Plastic Ply.



## Nicobond Gypfix Adhesive

A gypsum based tile adhesive for direct bonding to Calcium Sulphate/Anhydrite screeds

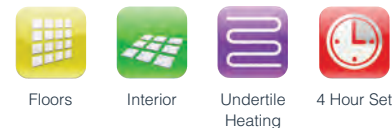


- Colour: White
- Max Bed Thickness: 12mm
- Coverage: 4 - 4½kg/m<sup>2</sup>
- Adjust Time: 15 mins
- Grouting: 18 - 24 hours
- Pot Life: 30 - 45 mins
- Open Time: 20 mins
- Set Time: Approx 4 hrs
- Packaging: 20kg

Nicobond Gypfix is a rapid setting, white, gypsum based tile adhesive specially designed for fixing ceramic, porcelain and natural stone tiles directly to Anhydrite/Calcium Sulphate floors. It is designed for use in interior, dry situations and should not be subjected to immersion in water.

Nicobond Gypfix is a high strength adhesive which achieves levels of bond strength on a par with traditional C2 category cement based adhesives. The product performs exceptionally well with undertile heating and other forms of UFH (under floor heating).

Care must be taken to ensure the surface has been prepared correctly and moisture content readings taken.



## Nicobond Rapid Tile & Stone Adhesive

**C2F**

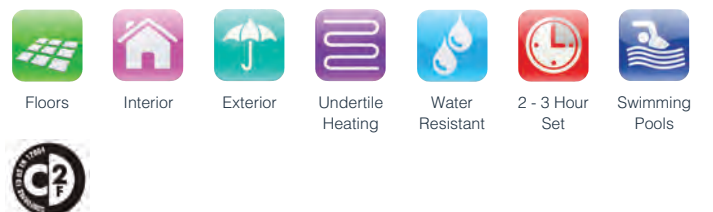
Fast setting and semi pourable natural stone and tile adhesive



- Colour: White & Grey
- Max Bed Thickness: 20mm
- Coverage: 2 - 4kg/m<sup>2</sup>
- Adjust Time: 15 - 20 mins
- Grouting: Approx 3 hrs
- Pot Life: Approx 30 mins
- Open Time: 10 mins
- Set Time: Approx 2 - 3 hrs
- Packaging: 20kg

Nicobond Rapid Tile & Stone is a single part, semi pourable cement based and rapid setting adhesive for fixing marble, limestone, granite, slate and natural stone tiles in interior or exterior situations to solid concrete or screed floors where a resilient bond is required.

When mixed with diluted Nicobond Enhancer 2002 it can also be used for bonding to plywood, glazed surfaces, flooring grade asphalt and hard vinyl tiles.



## Nicobond Xtra Tile & Stone Adhesive

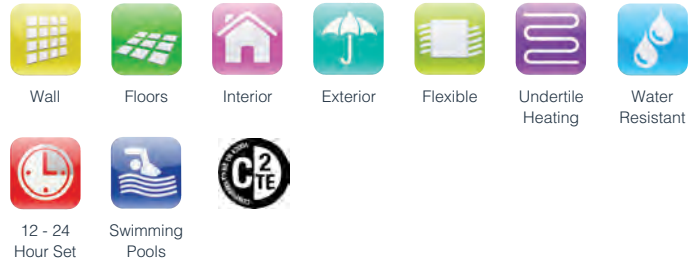
C2TE

A standard setting high build adhesive for bonding dense, low moisture absorbing natural stone as well as porcelain and ceramic tiles



- Colour: White & Grey
- Max Bed Thickness: 15mm
- Coverage: 2 - 4kg/m<sup>2</sup>
- Adjust Time: 20 mins
- Grouting: 12 - 24 hrs
- Pot Life: 5 hrs
- Open Time: 20 - 30 mins
- Set Time: Approx 12 - 18 hrs
- Packaging: 20kg

Nicobond Xtra Tile & Stone Adhesive is a single part, cement based waterproof, standard setting adhesive with extended open time. This product is a high build adhesive with the consistency of traditional mortar and can be used for bonding all types of ceramic wall and floor tiles, mosaic, slip bricks as well as marble, granite and other natural stones. Nicobond Xtra Tile & Stone Adhesive is suitable for tiling to sand/cement rendering, brick, blockwork, screeds and concrete. When mixed with diluted Nicobond Enhancer 2002 it can also be used for bonding to plywood, glazed surfaces, flooring grade asphalt and hard vinyl tiles.



## Nicobond Quickflex Adhesive

C2FT

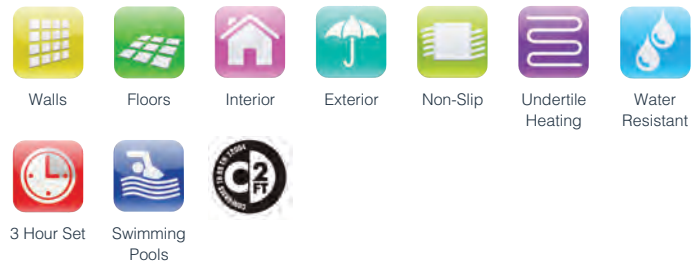
A quick setting, thin or thick bed flexible tile adhesive



- Colour: White, Grey
- Max Bed Thickness: 12mm
- Coverage: 1½ - 4kg/m<sup>2</sup>
- Adjust Time: 15 - 20 mins
- Grouting: 2 - 4 hrs
- Pot Life: 30 - 45 mins
- Open Time: 10 - 15 mins
- Available in: 20 kg

A single part, quick setting, waterproof, thin or thick-bed flexible adhesive for fixing ceramic wall or floor tiles, porcelain, mosaic and natural stones in interior or exterior situations where a resilient bond is required.

When mixed with diluted Nicobond Enhancer 2002 can be used for bonding to: plywood, glazed surfaces, flooring grade asphalt and hard vinyl tiles.



## Nicobond Standard Set Flex Adhesive

C2 TE

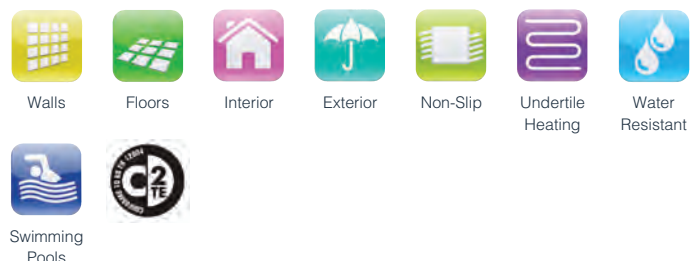
A standard setting polymer modified flexible tile adhesive



- Colour: White, Grey
- Max Bed Thickness: 10mm
- Coverage: 2 - 2¼kg/m<sup>2</sup>
- Adjust Time: 15 - 20 mins
- Grouting: 18 - 24 hrs
- Pot Life: 5 hours
- Open Time: 10 - 20 mins
- Available in: 20 kg

A single part, non-slip, polymer enhanced, standard setting, waterproof, flexible adhesive for fixing ceramic wall and floor tiles, porcelain, mosaic and natural stones in interior or exterior situations where a resilient bond is required.

Exceeds requirements of BS EN 12004





## Nicobond Quickfix Adhesive

A quick setting, thin or thick bed flexible tile adhesive

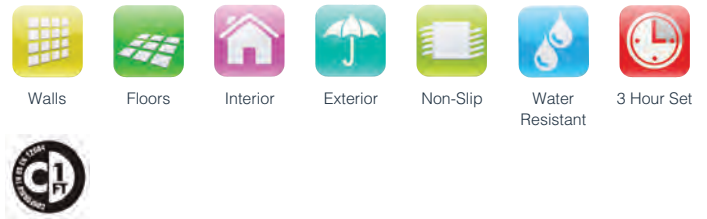
C1 FT



- Colour: Grey
- Max Bed Thickness: 10mm
- Coverage: 2 - 4kg/m<sup>2</sup>
- Adjust Time: 15 - 20 mins
- Grouting: 3 - 4 hrs
- Pot Life: Approx 45 mins
- Open Time: 10 - 15 mins
- Set Time: Approx 3 hrs
- Packaging: 20 kg

Nicobond Quickfix is a fast setting thin or thick bed tile adhesive, suitable for fixing ceramic wall, floor, terracotta and quarry tiles to sand/cement rendering, brick, blockwork, screed and concrete. Suitable for interior or exterior situations.

When mixed with diluted Nicobond Enhancer 2002 it can also be used for bonding to plywood, glazed surfaces, flooring grade asphalt and hard vinyl tiles.



## Nicobond Nico-lastic Tile Adhesive

A highly versatile, non slip, high strength and highly flexible, reaction resin tile adhesive.

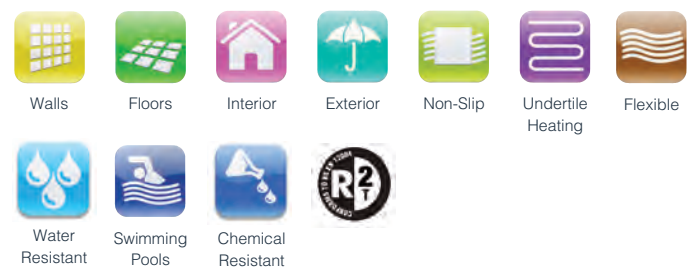
R2T



- Colour: Component  
A: White  
B: Beige
- Max Bed Thickness: 5mm
- Coverage: 2 - 5kg/m<sup>2</sup>
- Grouting: 24 hrs
- Pot Life: Approx 1 hr at 23°
- Open Time: Approx 50 mins
- Set Time: Approx 24hrs at 23°
- Packaging: 5 kg

Nicobond Nico-lastic is a two component epoxy polyurethane adhesive which is genuinely multi-purpose. It is capable of bonding ceramic and porcelain tiles, natural stone, moisture sensitive resin agglomerate stones and resin/mesh backed thin tiles to a variety of substrates including stainless steel, fibreglass and PVC as well as conventional tileable backgrounds.

An ideal adhesive for bonding tiles and mosaics to kitchen worktops, fixing tiles on metal surfaces in prefabricated bathrooms or pods and for bonding unstable natural stones which are moisture sensitive or susceptible to staining.



## Nicobond Flexible Grout Plus

CG2

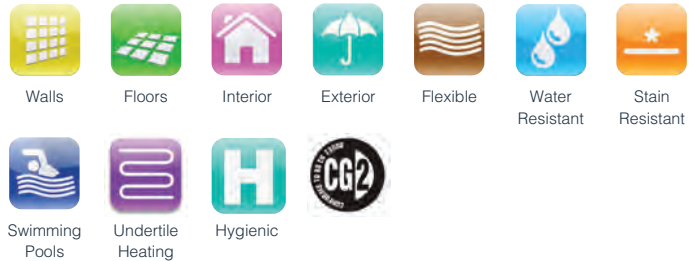
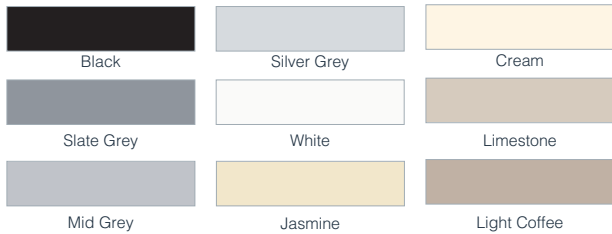
A superior highly flexible grout with anti efflorescence, anti mould and unique Aquablok technology. Suitable for joint widths 2 – 20mm.



- Joint Width: 2 - 20mm
- Coverage: See page 115
- Pot Life: 45 - 60 mins
- Setting Time: Approx 3hrs
- Ready for Use: 8 – 12hrs
- Available in: 10, 2.5 kg

A superior, single part, fast setting, highly polymer modified, cement based grout. Nicobond Flexible Grout Plus is free from efflorescence has excellent anti mould properties. Incorporating AquaBlok Technology, Nicobond Flexible Grout Plus is both water resistant and water repellent.

Suitable for use with ceramic, porcelain, glass and natural stone tiles. Designed for situations where slight background movement or vibration is likely. Nicobond Flexible Grout Plus is available in a range of contemporary colours designed to co-ordinate with our silicone sealants.



## Nicobond Tilers Grout

CG1

A water resistant grouting compound for ceramic wall and floor tiles, mosaic and marble

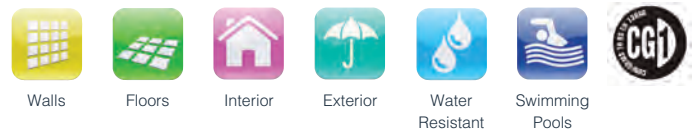
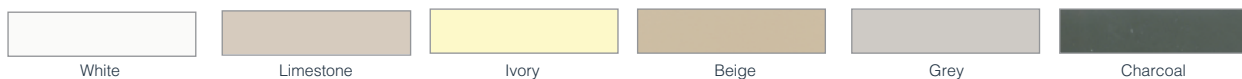


- Joint Width:  
White, Limestone, Ivory up to 4mm  
Grey, Charcoal, Biege up to 20mm
- Coverage: See page 115
- Pot Life: Approx 60 mins
- Setting Time: 18 - 24 hrs
- Ready for Use: Approx 24hrs
- Available in: 20, 10, 5, 2.5, 1kg

Available in two grades, a fine version for the lighter coloured narrow joints, typically used on walls and a coarser version in the darker shades more suited to floor applications.

For grouting porcelain bodied tiles or grouting in demanding conditions such as a leisure pool it is recommended to use Nicobond Enhancer 2002.

It is highly compressible and has good adhesion to the porous or glazed edges of tiles.



## Nicobond Silicone Sealant

A high quality silicone sealant for sealing around wash basins, bath surrounds and showers

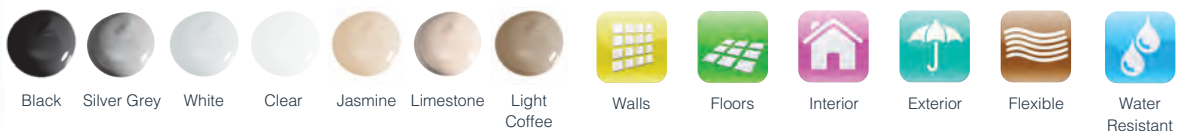


- Coverage: 9lm in 6 x 6mm bead
- Full Cure Approx: 24 hrs
- Shore Hardness: (A scale) 25
- Movement: ± 25% of joint
- Skinning Time: 10 - 25mins
- Working Life: Approx 5 mins
- Available in: 310 ml

A ready to use, high modulus, acetoxycure silicone sealant complying with ISO 11600-F-25HM. Nicobond Silicone Sealant cures rapidly on exposure to atmospheric humidity to form a durable, flexible and long lasting weather tight seal. Nicobond Silicone Sealant has excellent adhesion to a range of construction materials including glass and glazed surfaces as well as some metals and plastics.

Forms a perfect seal around baths, bathroom fittings, showers, toilets, sanitaryware, kitchen sinks and rimless sink bowls. It can also be used for sealing and draught proofing around badly fitting window and door frames.

Not suitable for total submersion in water.



## Nicobond Starlike Grout

RG R2T

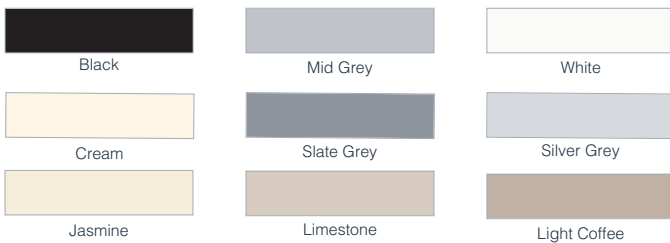
Nicobond Starlike is an easy to use extreme performance grout that can also be used as a mortar. Unique patented epoxy based technology has created a grout with excellent long term U.V resistance



- Joint Width: 1 - 15mm
- Max Adhesive bed: 10mm
- Coverage: See page 115
- Adhesive: at 3mm thick 3kg/m<sup>2</sup>
- Pot Life: Approx 60 mins
- Setting Time: 6 - 8 hours
- Available in: 2.5kg

Nicobond Starlike Grout is waterproof, stain & mould resistant and is extremely easy to clean. It has superb acid resistant properties and is very easy to mix, apply & clean off. When fully cured,

Nicobond Starlike Extreme Performance Grout provides an attractive, durable and chemical resistant finish to the tiled surface.



## Nicobond Starlike Sparkle

Nicobond Starlike Sparkle, a range of glitter additives which when combined with Nicobond Starlike Extreme Performance Grout produce unique and attractive sparkle effects to the grout

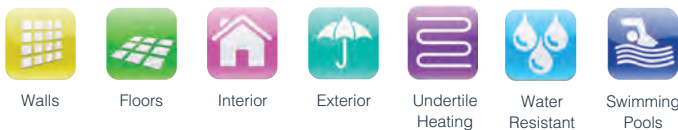
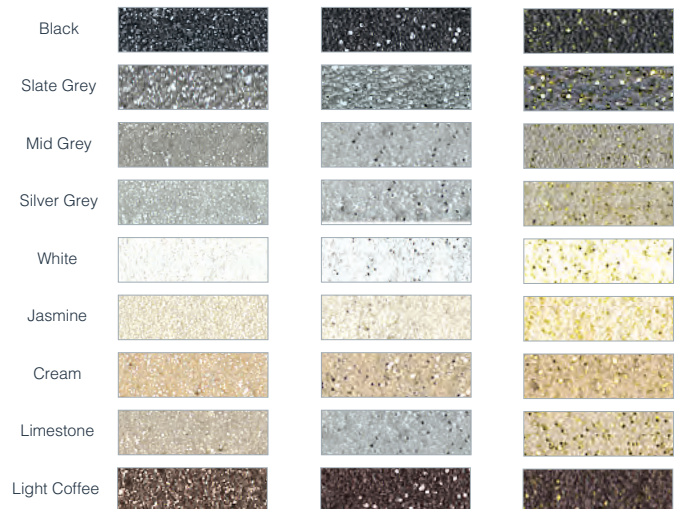


- Colour: Galaxy, Silver and Gold
- Add to Starlike
- Glitter: Polyester/Metal/Epoxy
- Available in: 75gm

### Starlike Sparkle Galaxy

### Starlike Sparkle Gold

### Starlike Sparkle Silver



## Nicobond Starlike Resin Cleaner

A concentrated liquid detergent with an alkaline pH especially formulated for the cleaning and effective removal of residues or film of epoxy resin mortars from tiled surfaces.



- Colour: Clear
- Smell: Peach
- pH: 12 ± 0.5
- Coverage: 10 – 15m<sup>2</sup>/litre
- Available in: 1 Litre bottle

## Nicobond Starlike Resin Remover Pro

A high density alkaline liquid gel detergent designed to remove stubborn epoxy resin mortar streaks and stains from the surface of ceramic tiles and mosaics



- Colour: White
- Smell: Characteristic
- pH: 12 ± 0.5
- Coverage: Approx 2-3m<sup>2</sup>/0.5 litre
- Available in: 500ml bottle

# Synergy



We have collaborated with leaders in paint, Dulux, who have engaged in colour trend forecasting for over 15 years. Alongside our design and product team at N&C, we have together worked to produce a strong palette of colours that perfectly complements the Synergy Series, yet adheres to future consumer and commercial tastes in the interiors world.



**Vinyl Matt** - available in 1 litre, 2.5 litre and 5 litre  
High opacity emulsion in a great finish for everyday use. Suitable for all normal interior wall and ceiling surfaces.

**Diamond Matt** - available in 5litre  
Diamond Matt offers unrivalled durability in a classic matt finish. Innovative stain repellent technology protects walls from scuffs and stains, keeping busy spaces looking good for longer.

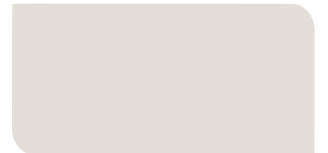
**Diamond Eggshell** - available in 5 litre  
Diamond Eggshell offers fantastic durability with stain repellent technology. Offering a mid sheen finish Diamond Eggshell is especially useful in spaces with high moisture such as kitchens and bathrooms



Synergy A Heart Wood



Synergy B Fallen Burr



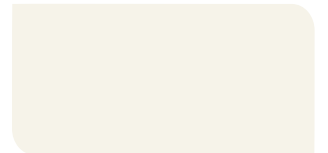
Synergy C Paper Chain



Synergy D Roasted Bracken 4



Synergy E Salisbury Stones 5



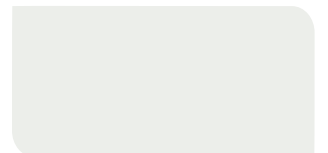
Synergy F



Synergy G Ice Storm 3



Synergy H Night Jewels 5



Synergy I Grey Steel 4



Synergy J



Synergy K Ice Storm 2



Synergy L



Synergy M



Synergy N



Synergy O

## Nicobond Enhancer 2002

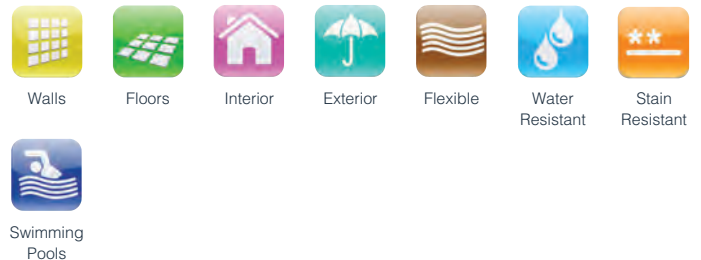
A highly modified acrylic resin emulsion which improves the properties of Nicobond cementitious adhesives and grouts under demanding conditions



- Colour: White Liquid
- Mixing Ratio: See page 113
- Stir immediately before use
- Non-toxic
- Non-flammable
- Available in: 120, 25, 4, 1ltr

Improve adhesion, flexibility, resilience and chemical resistance to our cement based adhesives and grouts by adding Nicobond Enhancer 2002 to the gauging liquid. This will aid bonding of large ceramic panels, impervious natural stone slabs and fully vitrified or porcelain tiles to a variety of substrates including some metals and decorative laminates.

Nicobond Enhancer 2002 also imparts flexibility to tiling applications where slight background movement or vibration may occur.



## Nicobond Render Improver

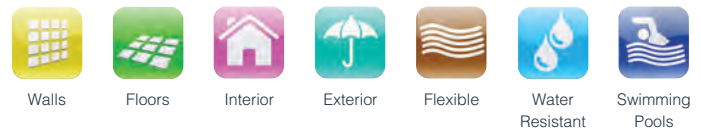
New improved formulation – an additive to improve the physical properties of key coats, spatterdash and sand/cement render



- Colour: White
- Tensile Strength  
NRI/Water/Cement Keycoat: 1.95N/mm<sup>2</sup> at 14 days  
NRI/Cement Keycoat: 2.16N/mm<sup>2</sup>  
NRI/ 3:1 Sand/Cement Render: 3.9N/mm<sup>2</sup>
- Flexural Strength: 6.8N/mm<sup>2</sup> at 28days
- Compressive Strength: 34N/mm<sup>2</sup> at 28 days
- Available in: 200, 25, 5 ltr

A synthetic polymer emulsion based dispersion for improving the bond strength of key-coat, spatterdash and sand/cement render. As an additive it improves the adhesion of key coats to spatterdash or concrete substrates.

Nicobond Render Improver is also an admixture for sand/cement render where tensile, flexural and compressive strengths and workability are all greatly improved.



## Nicobond Universal Bonding Agent and Sealer (UBAS)

A high quality PVA bonding agent, multipurpose, can be used as a household adhesive, for woodwork or as a simple additive to sand/cement mortar



- Colour: Off White (dries to clear film)
- Mixing Ratio: See data sheet
- Coverage: 6 - 8m<sup>2</sup> on low suction background using undiluted material
- Non-toxic
- Non-flammable
- Available in: 5, 1 ltr

A high solids content PVA emulsion, for most building site jobs and general repairs. Priming plywood, timber and similar internal surfaces prior to fixing ceramic tiling. Bonding agent prior to plastering and sand/cement rendering. Additive to upgrade interior sand/cement mixes. Sealer for porous surfaces. Prevents concrete floors dusting. General purpose woodworking and household adhesive.

Conforms to BS 5270



## Nicobond Primer

An acrylic dispersion used for priming sand/cement screeds, concrete or render prior to applying Nicobond flooring or tiling products



- Colour: White liquid
- Coverage: See data sheet
- Mixing Ratio: See data sheet
- Drying Time: 1 - 2 hrs
- Non-toxic
- Non-flammable
- Available in: 5, 1 ltr

A white acrylic emulsion-based liquid for use prior to application of Nicobond ceramic tile adhesives and floor surfacing compounds. Specially formulated for preparing porous or difficult cementitious floors and walls prior to the application of Nicobond ceramic tile adhesives, screeds and surfacing compounds.

By reducing porosity of surfaces Nicobond Primer increases adhesion of cement based ceramic tile adhesive and surfacing compounds. Dries almost transparent and does not stain.



Walls



Floors



Interior



Exterior



Water Resistant



Swimming Pools

## Nicobond ScreedPro Rapid Repair Mortar

A cement based rapid repair mortar that is fast setting and hardening and ideal for external or internal use.



- Pot Life: Use immediately
- Initial Set: Approx 20 mins
- Ready: 45 - 60 mins
- Fast setting
- Versatile product
- Can be extended with clean sharp sand for larger areas
- Available in: 10kg

ScreedPro Rapid Repair Mortar is a high strength rapid setting and hardening cement based repair product, which is ideal for repairing internal or external concrete or cement screeded floors prior to the application of other surface treatments.

It produces a thixotropic and non-slump mortar which can also be used for general repairs to stairs and steps and also for plugging holes in floors and walls as well as making patch repairs prior to the application of a damp proof membrane.



Walls



Floors



Interior



Exterior



Working Time  
10 mins



Water Resistant



1 Hour Set Resistant

## Nicobond ScreedPro Latex

A conventional, two part low odour self smoothing compound with excellent flow and flexibility. Used extensively over undertile heating to encapsulate wires prior to tiling.



- Rapid Setting
- Self Smoothing
- Excellent Flow
- Protein Free
- Feather Edge
- High Flexibility
- Low Shrinkage
- Low Odour
- Available in: 20kg/4ltr

ScreedPro Latex is a conventional and economical to use, two part, low odour, fast setting compound designed for smoothing uneven floors prior to the installation of floor coverings. ScreedPro Latex can be used in kitchens, bathrooms, living areas and commercial applications such as schools, care homes, offices and retail environments.

For sound but absorbent concrete or screed surfaces mix ScreedPro Latex powder with ScreedPro Latex liquid. When applying to plywood or other timber surfaces and non porous concrete use ScreedPro Latex Flex liquid.



Floors



Interior



1 - 2 hours  
Foot Traffic



Protein Free



Undertile Heating



Working Time  
20 - 30 mins



Lifetime Guarantee

## ScreedPro All Purpose

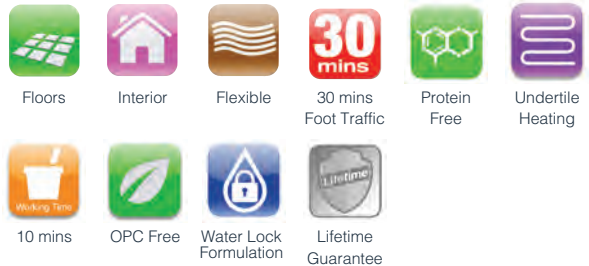
A versatile rapid drying, rapid setting two part low odour self smoothing underlayment with excellent flow and flexibility.



- Rapid Setting
- Self Smoothing
- Excellent Flow
- Added Fibres
- OPC Free
- Low Shrinkage
- Low Odour
- Rapid Drying
- Available in: 20kg, 4.8kg

ScreedPro All Purpose is a medium strength two part, low odour, fast setting and fast drying, OPC free underlayment designed for smoothing uneven floors prior to the installation of floor coverings.

ScreedPro All Purpose is specially formulated to give good adhesion to old adhesive residues and is ideal for renovation or refurbishment of floors in kitchens, bathrooms, schools and care homes etc where fast track installation is required.



## Nicobond ScreedPro Level Floor

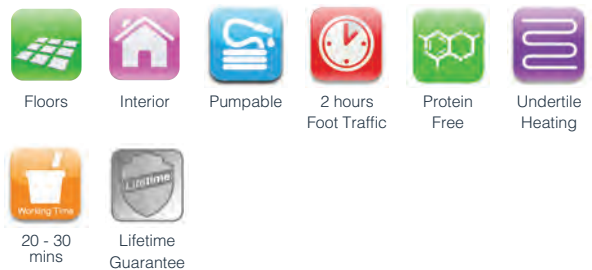
A premium, self smoothing, pre-aggregated, fast setting compound which can be laid up to 50mm in one single application providing an even base suitable for ceramic/porcelain and natural stone tile installations.



- Rapid Setting
- Self Smoothing
- Pumpable
- Protein Free
- Tiling Base
- Low Shrinkage
- Low Odour
- Pre-aggregated
- Available in: 20kg

ScreedPro Level Floor is a cement based smoothing and levelling compound that is designed to rapidly smooth and level existing substrates prior to applying a floor finish.

ScreedPro Level Floor is the perfect solution for renovation and making good a concrete or cement screeded floor prior to installing ceramic/porcelain or natural stone floor tiles.



## Nicobond ScreedPro Cement Mix

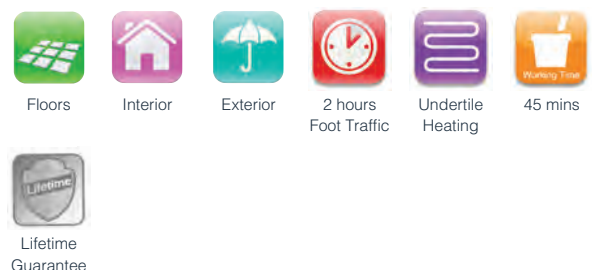
A premium rapid setting, rapid drying and low shrinkage cement replacement for use in floor screeds.



- Rapid Setting
- Rapid Drying
- Protein Free
- Low Shrinkage
- Bonded Screed
- Unbonded Screed
- Floating Screed
- Available in: 20kg

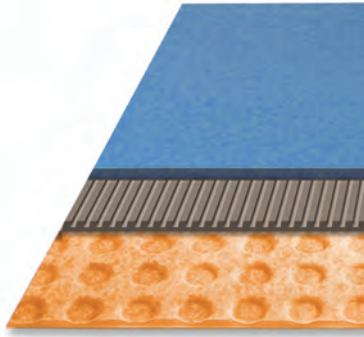
Used to replace Ordinary Portland Cement in sand:cement screed mixes, ScreedPro Cement Mix has rapid high strength development producing a screed which can be walked on after 2 hours and tiled after only 3 hours. It is ideal for use in bonded screeds and floating floors where fast drying is required.

Refer to the data sheet for information on design mixes and detailed coverage figures for bonded, unbonded and floating screeds.

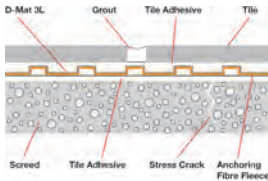


## Nicobond D-Mat 3L

For tiling onto a cracked floor or green screed. Use Nicobond D-Mat 3L, for tiling on to problem substrates to avoid cracked tiles



- Tough and durable
- Watertight textured fleece
- Tile onto green screed
- Thickness: 3mm
- Prevents the transfer of stresses in tiles
- Suppresses cracks in screed
- Load bearing
- Size: 1m x 30m - 1m x 10m rolls



Nicobond D-Mat 3L is a versatile, decoupling mat that acts as an uncoupling membrane for problematic substrates. It has superb crack bridging properties which help to prevent the transfer of stresses between the substrate and the tiled surface, preventing damage and cracking of tile installations.

The triple layer mat also functions as a waterproof and water vapour equalisation membrane. Residual moisture will dissipate through the channels created by its grid like construction allowing tiling to be completed on a green screed. As a classified watertight membrane it is also the perfect solution for uncoupling in wet areas such as bathrooms and wet rooms.



Floors



Interior



Exterior



Flexible



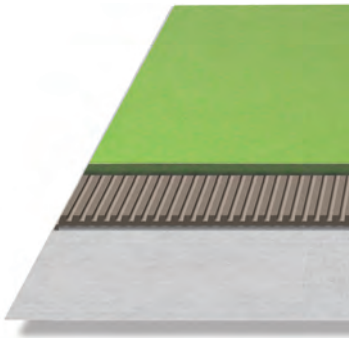
Undertile Heating



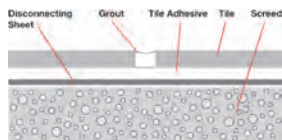
Water Resistant

## Nicobond Disconnecting Sheet

For laying a temporary tiled floor in a rented or commercial property or for tiling over a contaminated floor.



- Quick and easy to install
- Strong and durable
- Synthetic fabric with a bonded mesh
- Thickness: 0.7mm
- Corrosion resistant
- Suitable for undertile heating
- Size: 1m x 50m roll



Our Nicobond Disconnecting Sheet allows floor tiles to be laid in temporary accommodation, showrooms and exhibition areas where tiles can be installed, then subsequently lifted and removed easily with no damage or penetration to the subfloor.

Designed to be used in areas where a temporary solution for bedding tiles is required, it is also ideal as an uncoupling membrane where the condition of the floor does not facilitate good adhesion between the tile adhesive and the substrate such as old or contaminated screeds, tiled or painted surfaces.



Floors



Interior



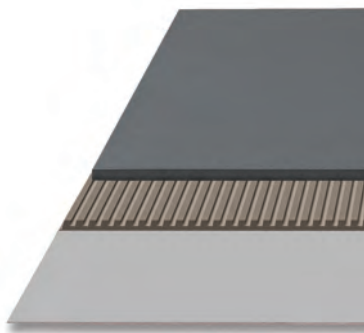
Exterior



Undertile Heating

## Nicobond Wet Room Self Adhesive Tanking Sheet

A highly flexible & robust self adhesive butyl rubber /polypropylene tanking sheet for effective waterproofing of walls and floors.



- Colour: Grey
- Size: 1000mm x 10m roll
- Thickness: 1.5mm
- Tensile Strength: 7N/mm<sup>2</sup>

Supplied in a 10mt x 1mt roll Nicobond Wet room Self Adhesive Tanking Sheet is a dry lay system for tanking walls and floors in a wet room or shower environment and can be used with individual Nicobond Wet Room components or as part of our Nicobond Wet Room 10m<sup>2</sup> Self Adhesive Tanking Kit.

Using the same technology as our Nicobond Wet Room Waterproof Tape and Corners the sheet version also has the self adhesive butyl rubber backing, is highly flexible and has exceptional accommodation of movement. Ceramic and porcelain tiles can be laid immediately after installing offering an instant advantage over "wet" systems. The polypropylene fleece providing a stable background for the tiles to bond to.



Floors



Interior

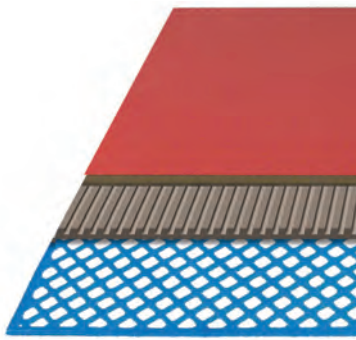


Water Resistant

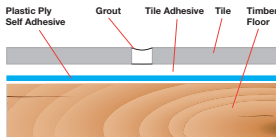


## Nicobond PlasticPly™

Prevents floor tiles and grout from cracking when tiling on to a timber floor. Eliminates through overboarding the need for a step as only 2mm thick.



- Easy to cut and install
- Self adhesive sheets
- Strong durable material
- Ready to tile onto
- Size of sheet 600 x 500mm
- Thickness: 2mm



- Moisture resistant
- Size: Pk 4 sheets (1.2m<sup>2</sup>)

A revolutionary solution to fixing tiles and natural stone to timber floors. Prevents problems of damage to tiles by reducing the effects of timber shrinkage, warping and rotting. Eliminates the need to install thick sheets of marine grade plywood (min 15mm) or similar over-boarding products. Easy to cut, easy to install. Manufactured using 50% recycled plastic ingredients. We recommend our C2 S1 category adhesives for fixing tiles onto Plastic Ply, these are Nicobond Rapidflex, Nicobond Single Part Flexible, Nicobond Large Format Floor Tile Adhesive and Nicobond Ecoflex.

Extract from BEAL Approval -

The Plastic Ply system prevents the fracture of the finished tiled floor over all nominated timber floor substrates constructed with timber joists at 600mm centres, and in conjunction with a number of differing adhesives. On average the floors required a deflection of more than 3 times the required deflection before failure occurred; generally through the cracking of tiles



Floors



Interior



Flexible



Undertile Heating



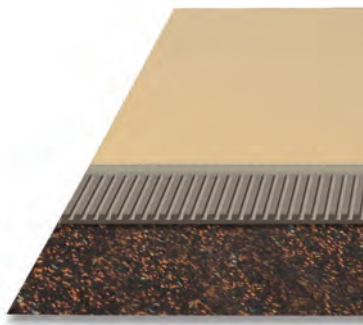
Recycled



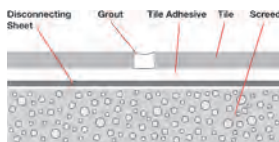
Water Resistant

## Nicobond Acoustic Matting

Designed to reduce impact sound transmission through ceramic floor tiles on a concrete floor. Complies with Building Regulations 2010 Document E.



- Colour: Brown/Beige fleck
- Size: 1m x 20m x 3mm roll
- Class B2 Fire Rated
- Density: 390 kg/m<sup>3</sup>
- Can be used under tiles, stone, vinyl, wood, carpet
- Zero ODP - Zero GWP



Nicobond Acoustic Matting is manufactured from a fine granulate of recycled rubber with cork and PU elastomer bonding agent. Nicobond Acoustic Matting provides a very effective underlay with the added benefit of thermal insulation properties. Complies with the requirements of Building Regulations 2010 Document E. To be used as part of the Nicobond Sound Reduction System. See N&C Nicobond Tiling Solutions for more information on the Nicobond Sound Reduction System.

Nicobond Acoustic Matting can be used under Ceramic Tiles, Stone, Vinyl, Wood, Carpet and Laminate. Weighted reduction in impact sound pressure level for 3mm thick matting ( $\Delta L_w$ ): 18dB.



Floors



Interior



Undertile Heating



Recycled



Insulation



Fire Resistant

## Nicobond Standard and Fire Retardant Protection Board

Manufactured from polypropylene, Nicobond Protection Board offers tough all round protection on the job site.



- Colour: Black/White
- Thickness: 2mm
- Density: 250gm/m<sup>2</sup>
- Sheet Size: 2400 x 1200mm
- Roll Size: 50 x 1m
- Must be used print side up

Nicobond Protection Board is manufactured from all purpose twin wall fluted polypropylene providing excellent impact and splash resistance. This functional board is ideal for protection of new tile installations, kitchen fit outs, work tops and other critical areas including windows. It can be used on walls and floors, is easy to cut, can be curved or creased to go round awkward structures and offers all builders an economic, temporary means of protection while other trades go about their work.

The Fire Retardant grade is fully approved to LPS 1207 and meets the stringent quality control standards of the LCPB (Loss Prevention Certification Board). This caters for the increased concern of combustible materials fuelling fires. The LCPB logo and certificate number is clearly printed on every board. Use D8018610 50m x 50mm Silver Protection Board Tape for joining boards together.



Walls



Floors



Interior



Exterior



Flexible



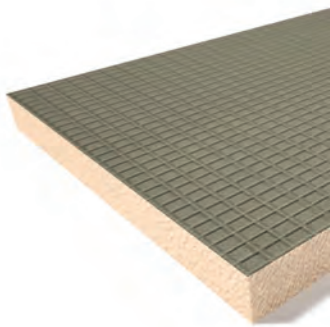
Water Resistant



Fire Resistant

## Nicobond Tile Backer Board and Construction Panel

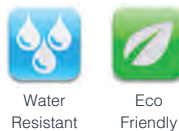
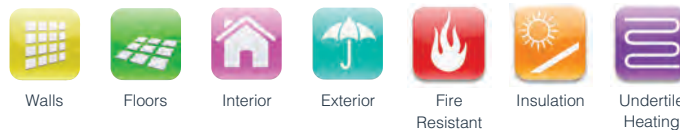
A polystyrene hard foam core and coated with a glass-fibre mesh reinforced cement based mortar layer on both sides



- 87kg/m<sup>2</sup> weight loading
- Insulating properties
- Class O fire rated
- High U value
- Improves undertile heating

Nicobond Tile Backer Board is lightweight, very robust, easy to cut, easy to install, waterproof and is available in numerous sizes and thicknesses providing solutions for many tiling and building situations. It can be used as a direct replacement for gypsum plaster board or timber wall boards in wet areas, overlay damaged boards or provide additional protection to similar wall boards.

Eco friendly – Zero Ozone layer depletion

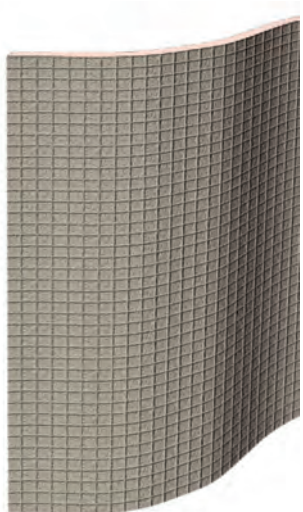


|                     |          |                      |          |
|---------------------|----------|----------------------|----------|
| 600 x 1200 x 6mm    | N2553006 | 600 x 2400 x 50mm    | N2553050 |
| 600 x 1200 x 10mm   | N2553010 | 600 x 2400 x 60mm    | N2553060 |
| 600 x 2400 x 12.5mm | N2553012 | 600 x 2400 x 70mm    | N2553070 |
| 600 x 2400 x 20mm   | N2553020 | 2400 x 1200 x 12.5mm | N2553084 |
| 600 x 2400 x 30mm   | N2553030 |                      |          |
| 600 x 2400 x 40mm   | N2553040 |                      |          |

Nicobond Tile Backer Board does not use either HCFC or CFC gases during manufacture and has an Ozone Depletion rating of zero.

## Nicobond Pre-Cut Panels

Pre-slit construction panels for creating rounded shapes

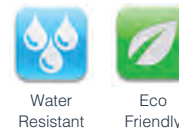
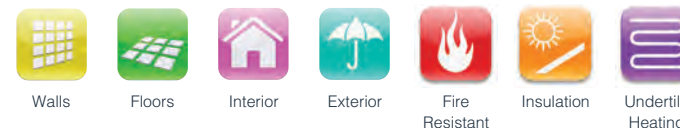


- Boards Sizes:  
1200 x 600 x 20mm
- Create long curvy shapes with the horizontal cuts  
Create tall curved walls with the vertical cuts
- Class O fire rated

Nicobond Tile Backer Board is a very versatile material and a new variant is a range of horizontal and vertical pre-cut panels which enable the board to be formed into curved shapes or structures.

Round partition walls, bath surrounds or round wall construction elements can be quickly and easily achieved.

|                              |          |
|------------------------------|----------|
| 1200 x 600 x 20mm vertical   | N2553100 |
| 1200 x 600 x 20mm horizontal | N2553102 |



Nicobond Tile Backer Board does not use either HCFC or CFC gases during manufacture and has an Ozone Depletion rating of zero.

## Nicobond Jointing Tape

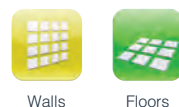
Self adhesive jointing tape



- Self adhesive
- Easy to install
- 48mm wide
- 45m roll
- High strength
- Mesh construction

A self adhesive tape for the simple jointing of Nicobond Tile Backer Boards on wall or floor sections and corners.

Nicobond Jointing Tape 48mm x 45m roll N2552120



## Nicobond Pipe Covers

The easy to fit pipe cover ready for immediate tiling or painting

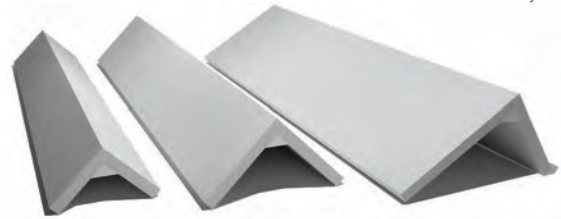
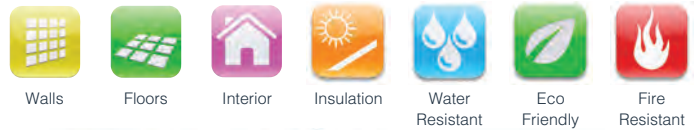


- Perfect fit for soil stacks
- Fitted within minutes
- Lightweight and easy to cut
- Ready to tile or paint
- Thermally Insulated
- Waterproof and flame retardant



Nicobond Pipe Covers are manufactured from high density extruded polystyrene with a specially formulated reinforced cementitious smooth surface coating. Nicobond Pipe Covers are designed to be placed directly over the pipe routes. They are fixed directly to the wall using Nicobond Sealant and do not require studding or plastering. Nicobond Pipe Covers can be easily trimmed if required to suit site conditions.

Nicobond pipe covers 140 x 140 x 2400mm N2553150  
 Nicobond pipe covers 200 x 200 x 2400mm N2553200  
 Nicobond pipe covers 300 x 200 x 2400mm N2553240



## Nicobond PU Pro - Polyurethane Adhesive

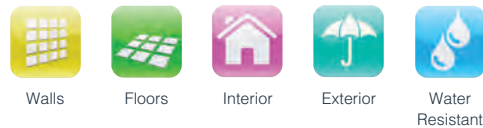
High strength polyurethane adhesive for Nicobond Tile Backer Board



- Colour: Translucent
- Open Time: Approx 10mins
- Suitable for marine use
- Compatible with marble and stone
- Installation Temp: Min 5°C
- Service Temperature: -30°C - +80°C
- Available in: 310ml

A single part, moisture hardening adhesive, ideal for glueing components of Nicobond Tile Backer Board together and to a variety of substrates including plaster, wood, metals, stone, ceramics and plastic. It is also the recommended adhesive for attaching pipe covers to wall substrates. Conforms to EN 204 (D4)

N2553130 Nicobond Polyurethane (PU) Adhesive 310ml.



## Nicobond Mechanical Fixing Systems

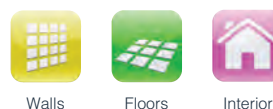
A range of fixing products for the secure installation of Nicobond Tile Backer Boards



- Very strong hammer fixing
- Different lengths available
- Complete screw & washers
- Rust proof
- Available: Packs of 50

Nicobond Hammer-in fixings are used for fastening Nicobond Tile Backer Board to solid substrates. Using a 6mm drill bit, drill through the board into Nicobond Quickfix through to the wall substrate and hammer/screw into place. Use galvanised screws and washers for normal stud walls.

Hammer-in fixings 70mm N2553110  
 Galvanised screws & washers 45mm N2553112  
 Galvanised screws & washers 25mm N2553114  
 Galvanised washers 35mm dia N2553116



## Backer Board Steam Rooms

Nicobond Backer Board Loungers are manufactured using a high density polystyrene foam that is robust, has high compression strength of 300kPa at 10%. The highly polymer modified cementitious reinforced surface is perfect for tiling directly onto.



Interior



Exterior



Fire  
Resistant



Insulation



Water  
Resistant



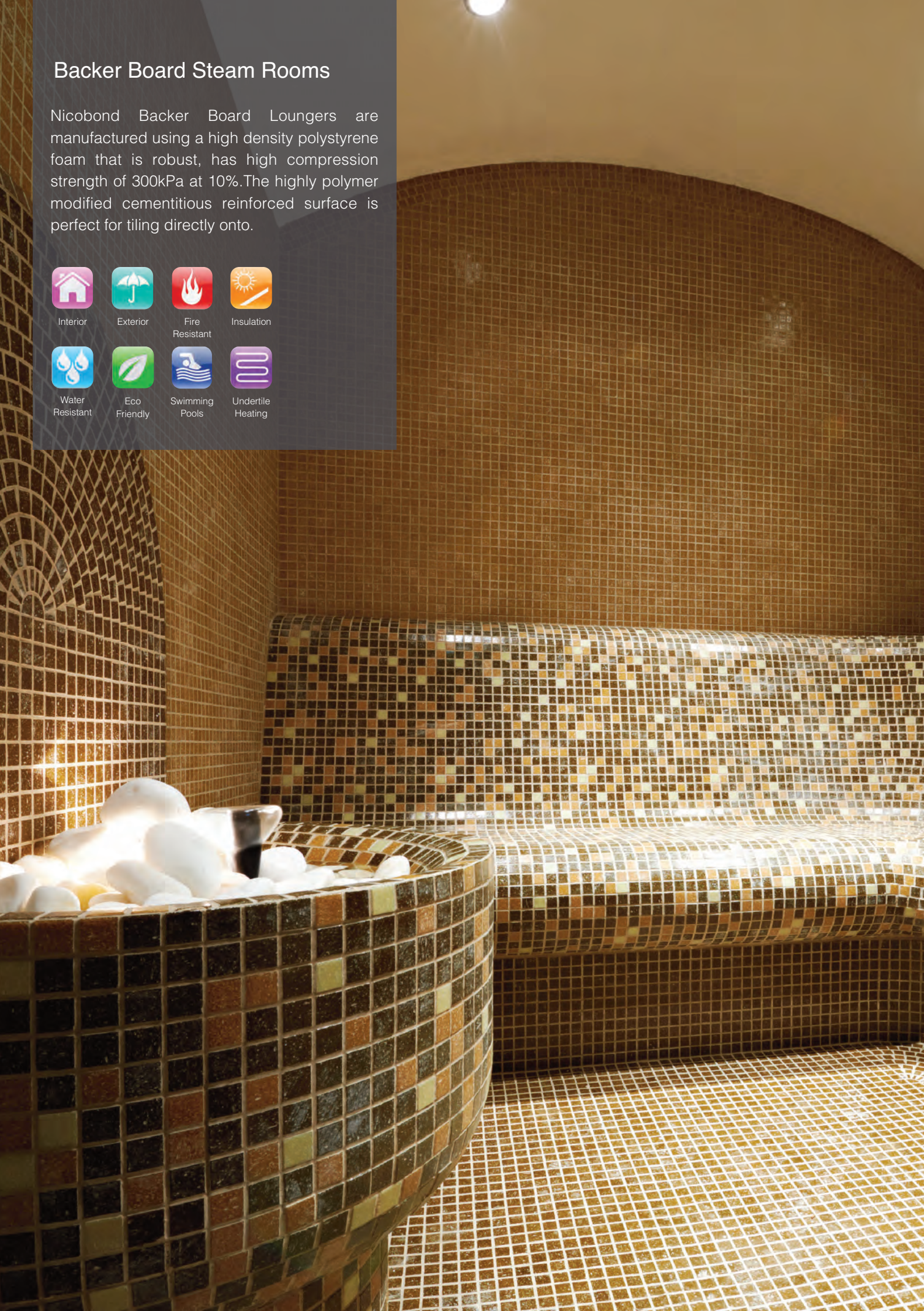
Eco  
Friendly



Swimming  
Pools



Undertile  
Heating



## Nicobond Backer Board Steam Room



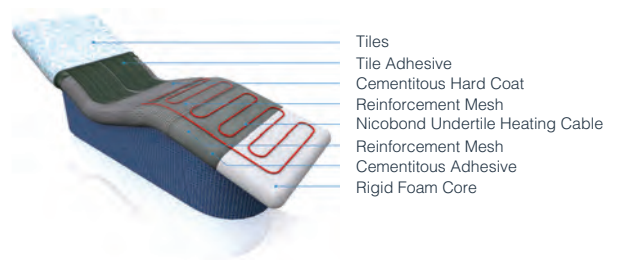
- Internal use
- External use
- Fire resistant
- Water resistant
- Swimming pools
- Undertile heating



## Nicobond Backer Board Loungers



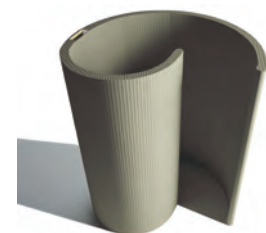
- Health spa's
- Swimming pools
- Jacuzzi's
- Steam rooms
- Fitness centres



## Nicobond Backer Board Showers



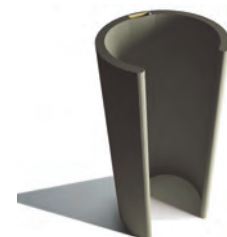
- Creative design
- Curved enclosures
- Bath panels
- Utility bench



Spiral Enclosures



Bespoke Enclosures



Round Enclosures

# Choose your Complete Wet Room System for Total Confidence

A wet room can be built up using 5 easy steps. Simply select the options that are suited to your wet room environment and usage.

1

## Shower Deck

Choose a suitable shower deck based on the environment and whether the floor covering will be tiled or vinyl installation for a totally water tight solution. Suitable for both concrete and timber floor installations.

2

## Drainage Option

Choose the suitable drainage system, whether standard or linear, with relevant waste system for the chosen deck.

3

## Tanking System and Sub Floor Preparation Wet Room Tanking

Use Nicobond Wet Room Waterproofing Membrane, Tanking Sheet and other components to create a water tight wet room environment.

4

## Shower Screen Type & Configuration

Choose from a vast selection of configurations and attractive screen types suitable for your wet room space.

5

## Tiles and Accessories

Select your preferred wall tiles, floor tiles and shower fittings.

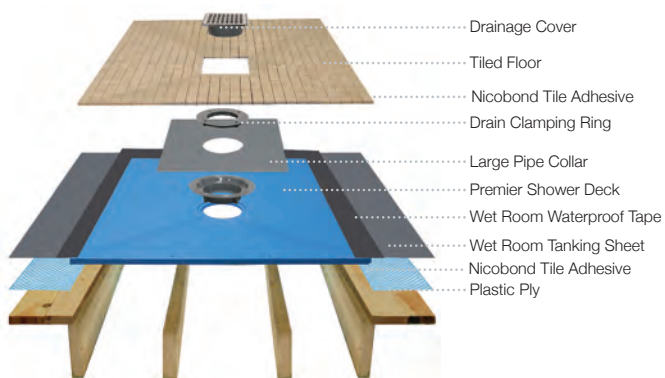


# Specialist Manufacturer's of the Complete Wet Room System

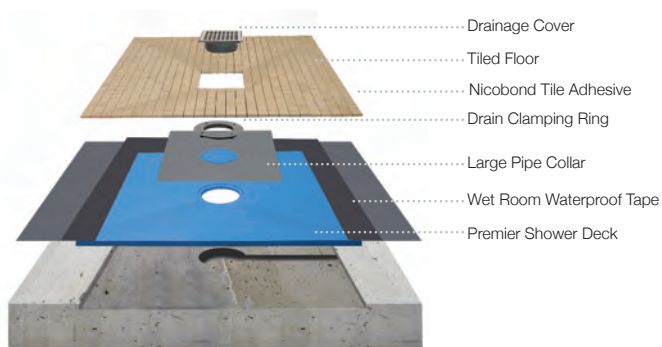
At Nicobond, we are unique in being able to combine our manufacturing facilities to be able to offer you a 'Total Wet Room Solution'. Using our experience, we have created a complete wet room system which ensures peace of mind, because each component is designed to work in harmony with each other to create a cost effective, easy to install solution which is watertight, practical and easy to maintain.



## Installation on to Wooden Floor

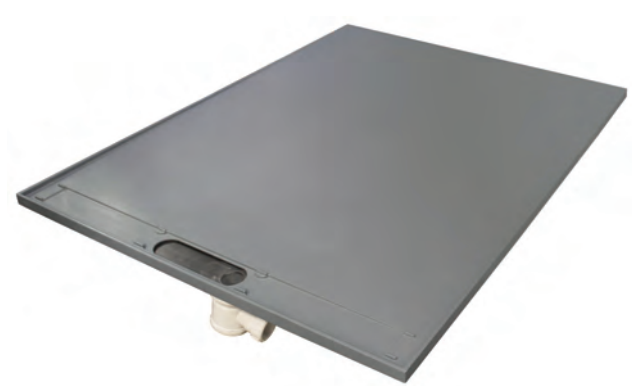


## Installation on to Concrete Floor



## N&C Premier Infinity Shower Deck

Unique waterproof revolutionary factory fitted sliding drain system. Experience Luxury with the Invisible Infinity Waste System



Short side waste

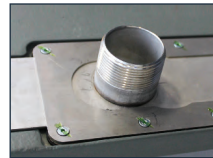


Long side waste

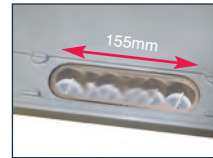
Our N&C Premier Infinity Deck is a revolutionary shower deck with a unique, factory-fitted waste outlet which can be moved along by the installer to align the waste in the correct position. The sliding action of the outlet means that the deck can be sited in a convenient position where obstacles such as a joist can be avoided.

The deck also features a unique waste removal system, which means that the finished result is an invisible, seamless and highly attractive waste system that is discreet and attractive. The precision engineered single direction gradient, complemented by the stainless steel edge allows for the high volume removal of waste water.

This is a highly innovative approach to linear decks where we offer a practical, attractive and fuss free alternative to other conventional linear drainage systems.



With threaded waste outlet  
38mm



Slideable waste, up to  
155mm, to avoid joists



Invisible drainage system

Short side waste  
1200 x 900mm P6822008

Long side waste  
1200 x 900mm P6822007

Square deck waste  
1200 x 1200mm P6822006

- Thickness: 28mm
- Density: 22Kg/m<sup>2</sup>
- Self supporting
- 470kg load capacity
- 50% recycled plastic
- Can be tiled direct



Floors



Interior



Water  
Resistant



Recycled

## N&C Premier Infinity Trap System

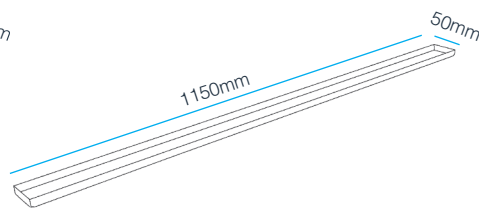
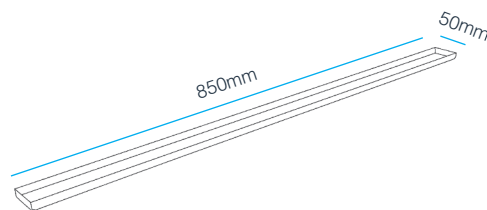
Supplied complete with 95° & straight 38mm multi-fit pipe connectors



- 50mm water seal
- 100mm overall depth
- 22 ltr per minute flow rate
- Supplied complete with 95° & straight  
38mm multi-fit pipe connectors



## N&C Premier Infinity Tileable Insert Grating

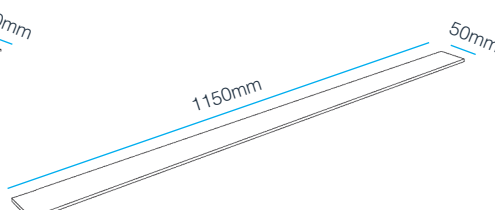
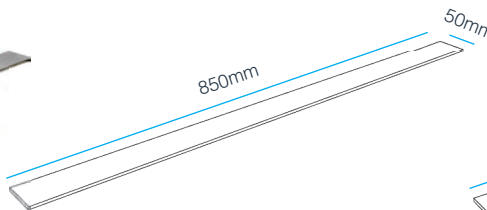


900 x 50 x 10mm S2220500  
 900 x 50 x 12mm S2220502  
 900 x 50 x 14mm S2220504

1200 x 50 x 10mm S2220501  
 1200 x 50 x 12mm S2220503  
 1200 x 50 x 14mm S2220505

● Stainless Steel ● Tray Type

## N&C Premier Infinity Tileable Grate

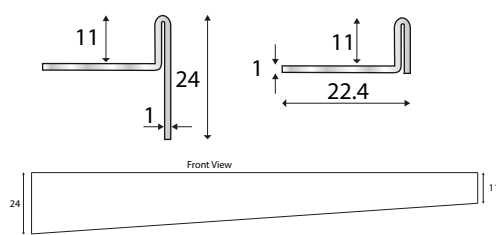
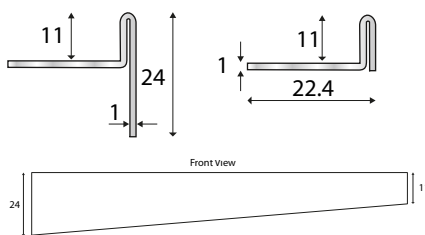


900 x 50 x 4mm S2220506

1200 x 50 x 4mm S2220507

● Stainless Steel ● Flat Plate Type

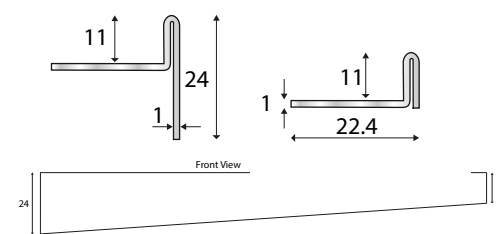
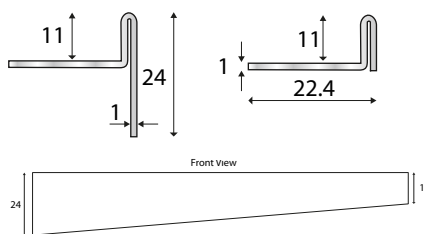
## N&C Premier Infinity Inclined Shower Profile



Right Hand 9mm - 900mm (889mm) S2220520  
 Left Hand 9mm - 900mm (889mm) S2220522

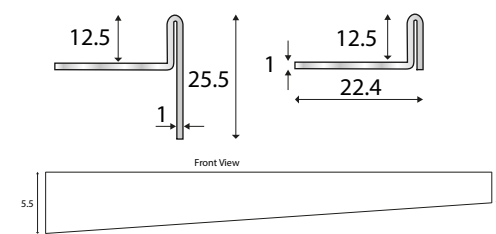
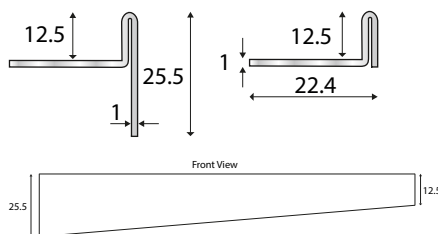
Right Hand 9mm - 1200mm (1189mm) S2220521  
 Left Hand 9mm - 1200mm (1189mm) S2220523

● Stainless Steel ● Flat Plate Type



Right Hand 11mm - 900mm (889mm) S2220524  
 Left Hand 11mm - 900mm (889mm) S2220526

Right Hand 11mm - 1200mm (1189mm) S2220525  
 Left Hand 11mm - 1200mm (1189mm) S2220527

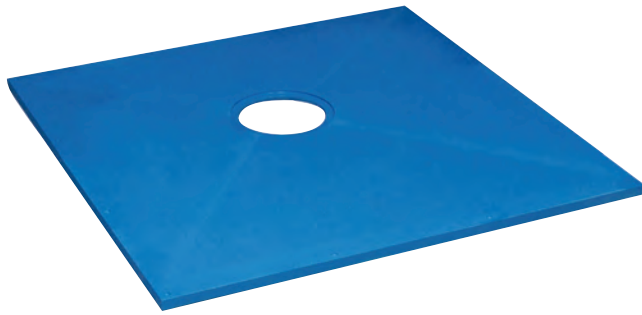


Right Hand 12.5mm - 900mm (889mm) S2220528  
 Left Hand 12.5mm - 900mm (889mm) S2220530

Right Hand 12.5mm - 1200mm (1189mm) S2220529  
 Left Hand 12.5mm - 1200mm (1189mm) S2220531

## N&C Premier Shower Deck

The Premier Shower Deck can easily be installed onto concrete by removing the screed, or onto timber floors, by removing the floorboards and fixing directly onto the joists



One of the key elements in the construction of a wetroom - the Premier Shower Deck is a robust and stable floor former which can be laid directly on to suspended timber joists or inlaid to a screed or concrete floor. With a built in fall for easy water drainage the Premier Shower Deck is produced in square and rectangular shapes and is available in a wide variety of sizes. Combining the Phleximax Tile Shower Drain Assembly and our Finesse shower panels you can create the ultimate in wetrooms.

|               |          |               |          |
|---------------|----------|---------------|----------|
| 900 x 900mm   | P6821934 | 1400 x 900mm  | P6821935 |
| 1000 x 1000mm | P6821930 | 1500 x 800mm  | P6821933 |
| 1135 x 770mm  | P6821931 | 1800 x 800mm  | P6821940 |
| 1200 x 1200mm | P6821936 | 1450 x 1150mm | P6821929 |
| 1200 x 800mm  | P6821941 | 1650 x 900mm  | P6821942 |
| 1300 x 800mm  | P6821932 |               |          |

- Thickness: 22mm
- Density: 22Kg/m<sup>2</sup>
- Self supporting
- 470kg load capacity
- 50% recycled plastic
- Can be tiled direct



Floors



Interior



Water Resistant



Recycled

## Phleximax Tile Shower Drain Assembly

Our new Phleximax tiled drain adapter can be used in conjunction with our best in class Premier Shower Deck for tiled wet floor areas.



- Finishes: Satin, polished, bronze
- Compatible with S2220183 waste trap.
- Tile Frame Size; 120 x 120mm
- Height Adjustable: 6mm to 26mm
- Suitable: Mosaics, tiles and natural stone
- Supplied with grate removal tool

The drain adapter assembly is available with three grate finishes, polished stainless steel, satin stainless steel or oil rubbed bronze for the traditional look. The easily adjustable threaded assembly allows our drain and grate to be used with tiles of varying thickness from 6mm - 20mm.

The drain assembly has a robust clamping ring to secure our Nicobond large self adhesive pipe collar, prior to tiling, to provide water proofing around the drain. Traps for either gravity or pumped waste drainage using standard McAlpine trap systems are also available. The gravity system can be standard vertical waste connected or horizontal whilst the pump waste drainage has 22mm connections to suit our Hydro-Flow pumped waste system.



P6882550  
Satin  
Stainless Steel



P6882551  
Polished  
Stainless Steel



P6882552  
Oil Rubbed  
Bronze

## N&C Phleximax 50 Two Part

A superb drainage system for installation in concrete or timber floors and our Premier Shower Deck



- Colour: Black
- Size of outlet: 50mm
- Depth of drain: 89mm
- Low profile
- Odour free trap
- Easy to maintain
- For ceramic or vinyl floors

This two piece gully can be used in all floors but this has been specifically designed for use with timber floors and Floor Formers and can be plumbed prior to the installation of the floor or Former.

Suitable for all floors but specifically designed for use with the Premier Shower Deck.

N.B : Height of standard Phleximax 50 P6882441 is 76mm. Height of Phleximax two part is 89mm

Phleximax 50 two part  
P6882471



Tile Insert  
P6882472



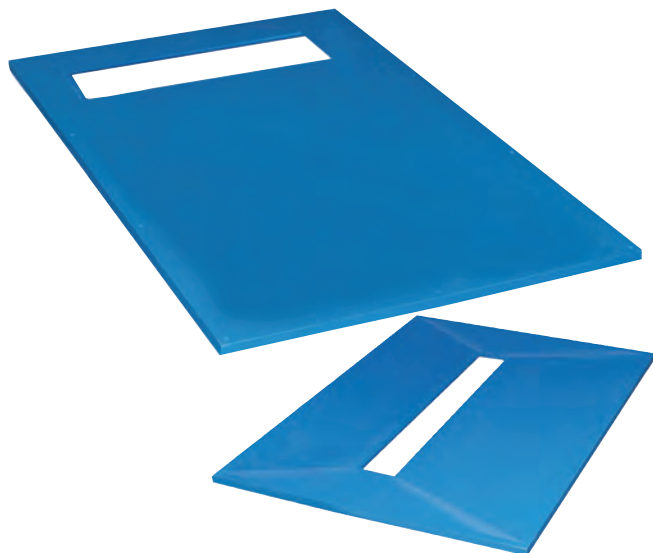
Twist Insert  
P6882473



Platinum Insert  
P6882474

## N&C Premier Linear Shower Deck

The Premier Linear Shower Deck can be installed directly onto concrete by removing the screed, or onto timber floors, by removing the floorboards and fixing directly onto the joists

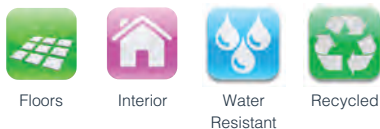


The Premier Linear Shower Deck offers an attractive, yet unobtrusive option enabling the use of large format tiles for the creation of a trendy, minimalist wet room showering area with built-in falls.

The Premier Linear Shower Deck allows you to achieve level access with the ability to extract a higher volume of water out of the shower area.

|               |          |              |          |
|---------------|----------|--------------|----------|
| 600mm gulley  |          | 800mm gulley |          |
| 900 x 1200mm  | P6821988 | 900 x 1400mm | P6821985 |
| 1200 x 1200mm | P6821987 | 900 x 1600mm | P6821986 |
| 1500 x 900mm  | P6821989 |              |          |

- Thickness: 22mm
- Density: 22Kg/m<sup>2</sup>
- Self supporting
- 470kg load capacity
- 50% recycled plastic
- Can be tiled direct



## N&C Phlexiline Living Linear Drainage

Grate, waste and trap 50mm outlet complete with concrete and joist door installation kits and ABS 1½ inch adaptor.



Drop



Twist



Tile Insert

- Size of outlet: 50mm
- Odour free trap
- Easy to maintain
- For ceramic tile floors



Bottom Outlet Flow rate 72 litre per minute

Bottom Outlet gulley only  
106mm height P6882395



Side Outlet Flow rate 60 litre per minute



Low Mini Outlet Flow rate 30 litre per minute



Side, Side Outlet Flow rate 60 litre per minute

|             |          |
|-------------|----------|
| Side Outlet |          |
| 600mm Drop  | P6882500 |
| 600mm Twist | P6882501 |
| 600mm Tile  | P6882502 |
| 800mm Drop  | P6882510 |
| 800mm Twist | P6882511 |
| 800mm Tile  | P6882512 |

|                 |          |
|-----------------|----------|
| Low Mini Outlet |          |
| 600mm Drop      | P6882503 |
| 600mm Twist     | P6882504 |
| 600mm Tile      | P6882505 |
| 800mm Drop      | P6882513 |
| 800mm Twist     | P6882514 |
| 800mm Tile      | P6882515 |

|                   |          |
|-------------------|----------|
| Side, Side Outlet |          |
| 600mm Drop        | P6882506 |
| 600mm Twist       | P6882507 |
| 600mm Tile        | P6882508 |
| 800mm Drop        | P6882516 |
| 800mm Twist       | P6882517 |
| 800mm Tile        | P6882518 |

## Nicobond Wet Room Waterproofing Membrane

Create a wet room using our highly flexible Nicobond Wet Room Waterproofing Membrane



- Min Film Thickness: 0.6mm
- Coverage: Min 1.2 kg/m<sup>2</sup> (Approx 1l/m<sup>2</sup>)
- Drying Time: 2 - 4 hrs
- Fix Tiles After: 2 - 4 hrs
- Tensile Strength/14days: 1.3 - 2.1N/mm<sup>2</sup>
- Adhesive Tensile Strength: 0.5N/mm<sup>2</sup>
- Available: 8 kg

A quick drying, aqueous emulsion polymer based liquid applied waterproofing membrane for rigid surfaces in wet rooms, bathrooms and showers. Use with Wet Room Waterproof Tape and accessories to create a total wet room system prior to the installation of ceramic tiles.

For floors subject to movement such as plywood or to overlay moisture sensitive wall or floor substrates use Nicobond Wet Room Waterproof Tanking Sheet in conjunction with the Waterproofing Membrane to provide a higher specification tanking system in compliance with BS 5385 part 4.

Complies with BS EN 14891:2012.



Walls



Floors



Interior



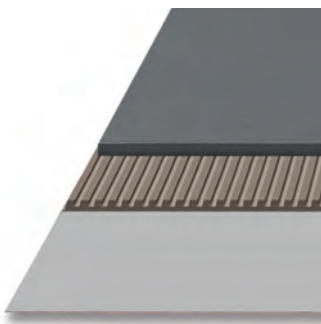
Exterior



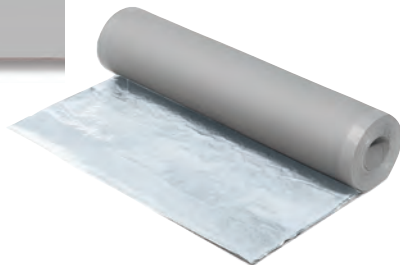
Water Resistant

## Nicobond Wet Room Self Adhesive Tanking Sheet

A highly flexible & robust self adhesive butyl rubber /polypropylene tanking sheet for effective waterproofing of walls and floors.



- Colour: Grey
- Size: 1000mm x 10m roll
- Thickness: 1.5mm
- Tensile Strength: 7N/mm<sup>2</sup>



Supplied in a 10mt x 1mt roll Nicobond Wet Room Self Adhesive Tanking Sheet is a dry lay system for tanking walls and floors in a wet room or shower environment and can be used with individual Nicobond Wet Room components or as part of our Nicobond Wet Room 10m<sup>2</sup> Self Adhesive Tanking Kit.

Using the same technology as our Nicobond Wet Room Waterproof Tape and Corners the sheet version also has the self adhesive butyl rubber backing, is highly flexible and has exceptional accommodation of movement. Ceramic and porcelain tiles can be laid immediately after installing offering an instant advantage over "wet" systems. The polypropylene fleece providing a stable background for the tiles to bond to.



Walls



Floors



Interior



Water Resistant

## N&C Wet Zone

Our N&C Wet Zone offers a time saving and labour saving method of creating a unique shower area in the bathroom



Our N&C Wet Zone is quickly and easily assembled using the N&C Premier Shower Deck mounted onto the Wet Zone Base. The principle benefit being that the components sit directly onto the floor. This offers the perfect solution where it is impossible or impractical to breach the floor. Waste pipes and connections are all built in to the base and previous connections can be utilised. A shower screen, tiles and shower valve complete the transformation.

For use with Premier Shower Deck P6821933  
 P6821930 1500 x 800 x 105mm  
 1000 x 1000 x 105mm N2561500  
 N2561000

For use with Premier Shower Deck



Floors



Interior



Water Resistant



Recycled

## Nicobond Wet Room Waterproof Tape

A strong self adhesive reinforcing tape for floor and wall joints, forms part of the Nicobond Wet Room Tanking System



- Colour: Grey
- Thickness: 0.5mm
- Tensile Strength: 7N/mm<sup>2</sup>
- Durable and Very flexible
- Self adhesive
- Size: 20mtrs x 80mm wide

A key component in the Nicobond Wet Room System. Our self adhesive, strong polyethylene material is covered with a rubberised layer where the tape is used for bridging and reinforcing internal corners and floor and wall joints. Simply remove the backing release paper and press the tape firmly in to position.



Walls



Floors



Interior



Water Resistant

## Nicobond Wet Room Waterproof Internal and External Corners

Special accessories to compliment the waterproof tape, forms part of the Nicobond Wet Room Tanking System



- Colour: Grey
- Thickness: 0.5mm
- Tensile Strength: 7N/mm<sup>2</sup>
- Durable and Very flexible
- Self adhesive
- Size: 120 x 120mm

To ensure complete waterproofing in internal and external corners use the special self adhesive pre-formed angled corners. Bed corner pieces into position with Nicobond Wet Room Waterproof Membrane. Simply remove the backing release paper and press the tape firmly in to position.



Walls



Floors



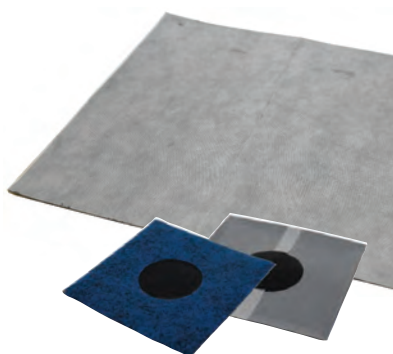
Interior



Water Resistant

## Nicobond Wet Room Waterproof Pipe Collars

Special designs for sealing around penetrating pipe work and drainage outlets, forms part of the Nicobond Wet Room Tanking System



- Colour: Grey
- Thickness: 0.5mm
- Tensile Strength: 7N/mm<sup>2</sup>
- Durable and Very flexible
- Self adhesive

For efficient sealing around pipework, valves and drainage outlets. Available as a small collar with a large piece for on site fabrication. Bed pipe collars into position with Nicobond Wet Room Waterproof Membrane. Simply remove the backing release paper and press the tape firmly in to position.

120 x 120mm  
500 x 500mm



Walls



Floors



Interior

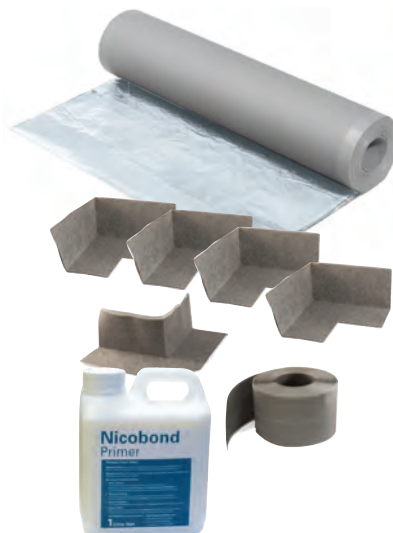


Water Resistant

When using the large collars over the Phleximax drain it is recommended to cut the aperture using the Phlexknife to ensure accuracy and a snug fit. Phlexknife P6882445

## Nicobond Wet Room 10m<sup>2</sup> Self Adhesive Tanking Kit

A convenient kit providing all the necessary materials to waterproof a wet room area.



Contents:

- 10mt x 1mtr roll
- 1 Litre primer
- 20mtr x 80mm tape
- 4 x internal corners
- 1 x external corner
- Approx 10m<sup>2</sup>

The Nicobond 10m<sup>2</sup> Self Adhesive Tanking Kit provides an excellent solution for quick and easy tanking in a wet room or shower environment. If tanking a wet room with a surface area in excess of 10m<sup>2</sup> then individual components may be purchased separately to complete the project.

This kit enables watering over gypsum plaster and plasterboard wall surfaces, timber substrates and also our Premier Shower Decks if required.



Walls



Floors



Interior

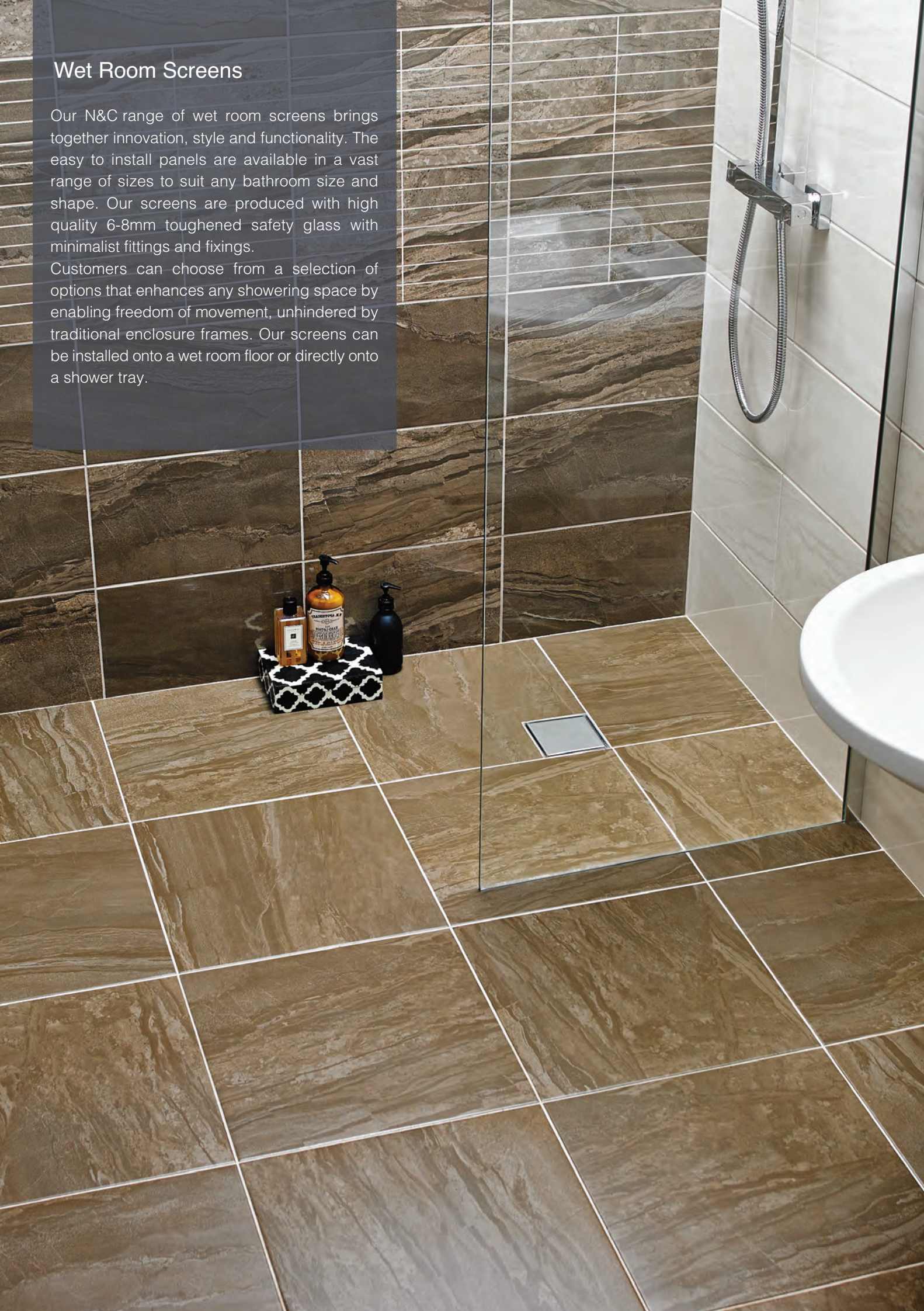


Water Resistant

## Wet Room Screens

Our N&C range of wet room screens brings together innovation, style and functionality. The easy to install panels are available in a vast range of sizes to suit any bathroom size and shape. Our screens are produced with high quality 6-8mm toughened safety glass with minimalist fittings and fixings.

Customers can choose from a selection of options that enhances any showering space by enabling freedom of movement, unhindered by traditional enclosure frames. Our screens can be installed onto a wet room floor or directly onto a shower tray.



## Finesse Two



- 8mm toughened safety glass
- Free standing and corner wall
- Profiles in chrome
- Wall support included
- Reversible
- Flexible seal
- Tray or wet floor installation
- Optional deflector panel

Experience pure sophistication with Finesse Two, a frameless option that enhances any showering space by enabling freedom of movement, unhindered by traditional enclosure frames.

As one of the most versatile in the collection, Finesse Two allows you to create the perfect showering option for any environment by simply selecting the style of your choice. Install onto a shower tray or directly onto the wet room floor.

Freestanding:  
900 x 2000mm up to 1400 x 2000mm

Corner Wall  
300 x 2000mm up to 1400 x 2000mm

Mobile Panel  
300 x 2000mm

## Finesse Two Reflex



- 6mm toughened safety glass
- Mirror effect on the face side
- Oxide, scratch, acid and salt spray resistant
- Free standing and corner wall
- Profiles in chrome
- Wall support included
- Reversible
- Flexible seal
- Tray or wet floor installation

Finesse Two Reflex incorporates all the sophistication of Finesse Two whilst creating the illusion of space with its mirrored effect. The glass has a mirrored chromium treatment which is scratch, acid and salt spray resistant. With corner panels and mobile panels available this makes Finesse Two Reflex one of our most versatile ranges.

Corner Wall  
300 x 2000mm up to 1400 x 2000mm

Mobile Panel  
300 x 2000mm up to 400mm x 2000mm

## Creative



- 6mm toughened safety glass
- Profiles in chrome
- Reversible
- Telescopic ceiling support
- Tray or wet floor installation
- Clear scale treatment

Stability within a shower space is important. With Creative shower screens you are guaranteed additional support through an adjustable telescopic ceiling support without any extra cost. Creative, a cost effective solution for your bathroom.

The polished chrome and square edge aesthetic allows users to combine functionality with modern design

Freestanding:  
700 x 2000mm up to 1400 x 2000mm

Corner Wall  
310 x 2000mm up to 510 x 2000mm

## Transform



- 6mm toughened safety glass
- Profiles in chrome
- Reversible
- Pivot release safety mechanism
- Low profile threshold bar
- Tray or wet floor installation
- 60mm adjustment
- Clear scale treatment

Transform encompasses a shower enclosure with a modern design and attractive bi-fold doors that incorporates a unique pivot safety mechanism. The pivot safety opening is guided by an innovative magnetic release. In day to day operation, the bi-fold door would fold inwards to accommodate a small bathroom. However, should a fall or accident occur, the quick pivot operation of the shower door will act as an emergency release feature to prevent harm from full contact with a glass door. A low threshold door, with a square edge chrome finish and anti-limescale treatment supplied as standard, makes transform the ideal choice for elegant, safe showering.

Bi-Fold Doors  
800 x 2000mm up to 1000 x 2000mm

Side Panels  
800 x 2000mm up to 900 x 2000mm

## Freespace Two



- 6mm toughened safety glass
- Inclusive design
- Profiles in chrome
- Unique folding doors
- In-line and corner entry
- Unique spring handles
- Rising hinge system
- Easy to use
- Tray or wet floor installation

Enter a new generation of showering with Freespace Two. Designed with the whole family in mind, this unique award winning range is versatile with its split door functionality that allows users to assist loved ones, wash children or pets in the shower.

The screen can be opened up completely when not in use to increase your bathroom space. Easy to install and operate, it adds instant sophistication to the home offering innovation in functionality and style.

Bi-Fold Doors  
700 x 2000mm up to 900 x 2000mm

## Fluidity



- 8mm toughened safety glass
- Unique soft close mechanism
- In-line and corner entry
- Tray or wet floor installation
- Clear scale treatment

An elegant range of sliding shower screens with a unique soft close door system and no floor channel so that you can seamlessly walk into your shower.

This high quality, robust system requires the gentlest of touches to operate the doors to offer you a unique option. With a huge range of panel sizes available, the design possibilities are endless.

Double Sliding Panel - 8mm thick  
1400 x 2000mm up to 1800 x 2000mm

Single Sliding Panel - 8mm thick  
1000 x 2000mm up to 1800 x 2000mm

Side Panel - 6mm thick  
680 x 2000mm up to 880 x 2000mm



## Enhance



- 8mm toughened safety glass
- Chrome profiles & components
- Optional deflector panel
- Tray or wet floor installation
- Reversible
- Multiple combinations available
- Corner, front and linear panels

Our Wetroom panel options can be fitted to our low level shower trays or straight onto your floor to create a true wetroom. We present a number of panel sizes and options to help you to create your perfect bathroom sanctuary. Simply select the size of the panel you require, choose your configuration, decide between a fixed or pivoting deflector panel and select your desired bracing bar to create your tailor made wetroom.

Alcove/corner panel  
600 x 2000mm up to 1400 x 2000mm

Front panel  
600 x 2000mm up to 1200 x 2000mm

Deflector Panel  
200 x 2000mm up to 400 x 2000mm

Linear panel  
1000 x 2000mm up to 1400 x 2000mm

## Silhouette



- 8mm toughened safety glass
- Clear Glass
- Silver Frame
- 1952mm high

An extensive range of shower panels and fixings that are combined to create an arrangement designed to fit various bathroom shapes and sizes.

This range offers two beautiful curved glass shower panel options for both recess and corner arrangements. Within this range there is an option of curved hinged deflector panels or curved glass panels which liberates even more space within your bathroom.

Wet Room Screen  
1000 x 1925mm

Side Panel  
700 x 1925mm  
800 x 1925mm  
900 x 1925mm

Deflector Panel  
300 x 1925mm

Side Panel  
700 up to 900mm



# Total Wet Room Collection

N&C are quality manufacturers of the complete wet room system, specialising in the production of high quality, robust products that together create a watertight, proven system for domestic and commercial environments.

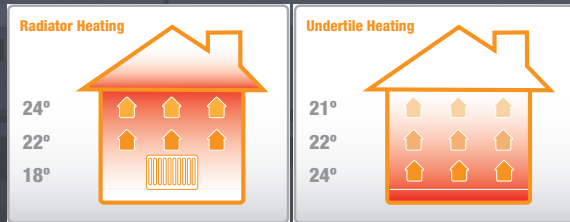
Using the latest manufacturing techniques, cutting edge design, the highest quality raw materials, we are proud to have a comprehensive wet room collection with housebuilders in mind.

Order your NEW Wet Room Collection catalogue now!  
or download it @ [www.nichollsandclarke.com/downloads](http://www.nichollsandclarke.com/downloads)

## Undertile Heating

Our Nicobond undertile heating system provides luxurious heated floors, whilst being safe in the knowledge that there are no additional maintenance costs to consider.

Our system is independently approved by BEAB to the very latest standards and tests.



### Traditional radiator room heating results in:

- The creation of draughts
- Warm air nearest to ceiling/radiator
- Heat loss via windows and roof
- Uneven heat distribution within the room
- Risk to children due to hot surfaces
- Can restrict furniture placement

### With Nicobond Undertile Heating:

- Draughts minimised
- Even heat spread within the room
- Warmer at feet level
- Comfortable heat at body level



## Nicobond Professional Undertile Heating Mat

A high powered, energy efficient undertile heating mat



- 200W/sqm output
- Easy to install pre-spaced cables
- Suitable as primary heat source in most rooms
- Fast warm up time
- Ideal for high heat loss rooms
- Lifetime warranty

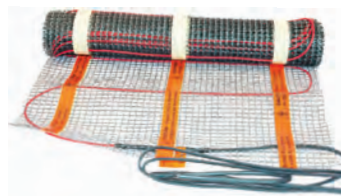
BEAB Approved and EMF safe, the Nicobond Professional Undertile Heating Mat can be used as either a primary or secondary heat source. With a huge 200W/sqm output, fitted onto Nicobond Tile Backer Board for improved insulation and connected to a Nicobond Thermostat a comfortable room temperature can be easily achieved.

|                           |          |                           |          |
|---------------------------|----------|---------------------------|----------|
| Covers 0.6 m <sup>2</sup> | N2550006 | Covers 4.2 m <sup>2</sup> | N2550042 |
| Covers 1 m <sup>2</sup>   | N2550010 | Covers 5.4 m <sup>2</sup> | N2550054 |
| Covers 1.6 m <sup>2</sup> | N2550016 | Covers 6 m <sup>2</sup>   | N2550060 |
| Covers 2 m <sup>2</sup>   | N2550020 | Covers 6.7 m <sup>2</sup> | N2550067 |
| Covers 2.6 m <sup>2</sup> | N2550026 | Covers 7.5 m <sup>2</sup> | N2550075 |
| Covers 2.8 m <sup>2</sup> | N2550028 | Covers 8.9 m <sup>2</sup> | N2550089 |
| Covers 3.5 m <sup>2</sup> | N2550035 | Covers 9.9 m <sup>2</sup> | N2550099 |



## Nicobond Professional Undertile Heating Mat

A mid powered, energy efficient undertile heating mat



- 150W/sqm output
- Easy to install pre-spaced cables
- Ideal for efficient floor warming
- Suitable as sole heat source in well insulated rooms
- Lower initial cost option
- Lifetime warranty

A fast-to-fit undertile heating mat system designed to provide energy-efficient floor warming in all rooms and a full heating system in well insulated areas. The technologically advanced wire design delivers minimal build height combined with a robust high-powered heating cable. The integrated earth shield allows safe installation in wet areas, including bathrooms. With the wire pre-spaced and affixed to a mat, installation time is greatly reduced compared to using a loose wire system

|                          |          |                           |          |
|--------------------------|----------|---------------------------|----------|
| Covers 1.0m <sup>2</sup> | N2551802 | Covers 5.0m <sup>2</sup>  | N2551820 |
| Covers 1.5m <sup>2</sup> | N2551805 | Covers 6.0m <sup>2</sup>  | N2551823 |
| Covers 2.0m <sup>2</sup> | N2551808 | Covers 7.0m <sup>2</sup>  | N2551826 |
| Covers 2.5m <sup>2</sup> | N2551811 | Covers 8.0m <sup>2</sup>  | N2551829 |
| Covers 3.0m <sup>2</sup> | N2551814 | Covers 9.0m <sup>2</sup>  | N2551832 |
| Covers 4.0m <sup>2</sup> | N2551817 | Covers 10.0m <sup>2</sup> | N2551835 |



## Nicobond Undertile Heating Cable

Loose undertile heating cable allowing easy installation regardless of the room size or shape



- Up to 1600W kits available
- Easy to install
- Ideal for odd shaped floors
- Lifetime warranty

BEAB approved and EMF safe, the Undertile Heating Cable is supplied as loose cable for easy positioning and installation. Kits are available according to the room size or floor area required. The use of Nicobond Tile Backer Board and Nicobond Thermostats ensure a thoroughly efficient heating system to benefit any living area.

|                                 |          |                                   |          |
|---------------------------------|----------|-----------------------------------|----------|
| 200W (1 - 1.3m <sup>2</sup> )   | N2550200 | 800W (4.0 - 5.3m <sup>2</sup> )   | N2550800 |
| 300W (1.5 - 2.0m <sup>2</sup> ) | N2550300 | 1000W (5.0 - 6.7m <sup>2</sup> )  | N2551000 |
| 400W (2.0 - 2.7m <sup>2</sup> ) | N2550400 | 1400W (7.0 - 9.3m <sup>2</sup> )  | N2551400 |
| 600W (3.0 - 4.0m <sup>2</sup> ) | N2550600 | 1600W (8.0 - 10.7m <sup>2</sup> ) | N2551600 |



## Nicobond Underfloor Heating Cable (6mm)

The 6mm red heating cable that is perfect for new build or major renovation scenarios where a 65mm screed is going to be laid.



- Coverage:  
@125W/m<sup>2</sup> 1.0m<sup>2</sup>-28.2m<sup>2</sup>  
@ 175W/m<sup>2</sup> 0.7m<sup>2</sup>-20.1m<sup>2</sup>
- Easy to install
- No maintenance costs
- Lifetime warranty

A robust and cost-effective heating cable designed for new build and major renovation projects, where a 65mm screed will be laid. The cable is perfect for providing energy-efficient room heating and floor warming beneath nearly any floor covering and is fast to install and adds no build height to the construction.



## Nicobond Touchscreen Thermostat

Easy to use colour touchscreen display Thermostat for use with undertile heating



- Can operate up to 6 events per day or used in various modes to suit different lifestyles
- Energy usage information and diagnostic data
- Includes simple manual mode
- 5 Year Warranty
- 16 Amp – 3,800W

Manufactured for us by the world renowned OJ Electronics, our stylish, colour display, touchscreen thermostat is simple to use and includes intelligent adaptive functions to ensure optimum, energy saving performance from your undertile heating system.

The thermostat programming technology allows access to energy usage and diagnostic data and can be switched to manual mode if needed.



White  
N2552110

## Nicobond Touchscreen Thermostat Conversion Kits

Easy to install touchscreen display thermostat covers



- Easy to fit during or after installation
- Made from solid metal & glass
- Available in White Glass, Black Glass, Brushed Aluminium and Chrome

To complement our Nicobond Touchscreen Thermostat we offer four conversion kits to enhance its appearance. Available in solid metal or glass frames with a colour-coded replacement fascia for the display.

\*Thermostat not included



Black Glass  
N2552109



White Glass  
N2552108



Brushed Aluminium  
N2552112



Chrome  
N2552111

## Nicobond Digital Thermostat

An advanced 7 day programmable thermostat for undertile heating.



- Digital display with light
- Program selection/night setback
- Parental lock
- Double insulated sensor included
- 3 year warranty
- Colour - white

This thermostat is very user friendly and easy to program. The backlit display shows the time, day of week, temperature, mode of operation and submenu. The thermostat has a built in adaptive function to ensure the floor or room temperature is reached at the desired time, irrelevant of external or slab temperatures. It can be operated to maintain floor temperature, room temperature or both simultaneously.

The built-in temperature limiter is a useful feature for use with wooden, parquet and laminate floors where manufacturers stipulate maximum temperatures that should not be exceeded.



White  
N2552124

## Nicobond Mirror Demisters

A simple solution to ensure mirrors remain permanently condensation free in a bathroom.



- Automatically ensures mirrors are steam free
- Perfect for bathrooms and shower-rooms
- Sizes can be mixed and matched for perfect coverage
- Simple to install and power through the lighting circuit

Mirror demisters ensure mirrors automatically remain steam free during and after bathing and showering. They work by gently heating the reverse of the mirror, are simple to fit and can be powered through the lighting circuit.

Sizes can be mixed and matched to provide perfect coverage.



274 x 265mm N2551700

400 X 450mm N2551702

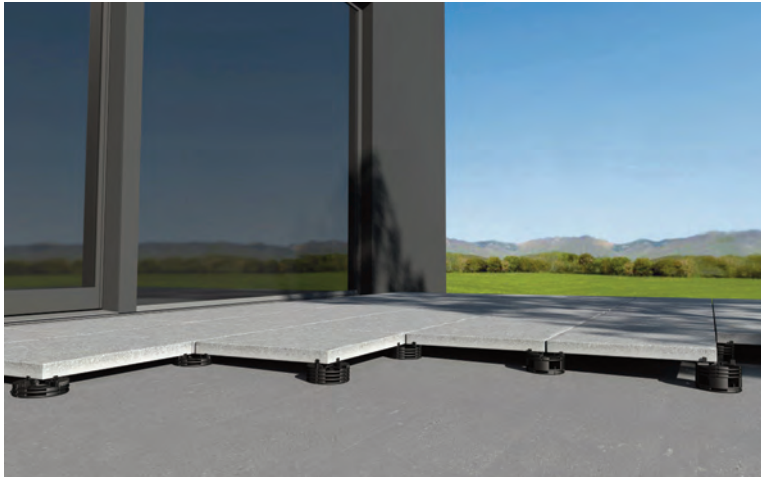
524 x 520mm N2551704

## Nicobond Terra-Level Pedestal System

Nicobond Terra-Level offers an innovative solution for the stable, high-quality and long-term laying of elevated floors using 2cm porcelain tiles. This is the ideal system for patios, balconies and other exterior living spaces – lightweight, easy to install and cost effective.



## The Benefits of The Nicobond Terra-Level System



- **Fast installation**

No need for mortars or adhesives, so no drying or curing time and can be fitted in wet and cold conditions.

- **Easy installation**

No need to breach the substrate before installing the system, so no heavy plant or machinery needed.

- **Flexible heights**

Heights from 1cm to 103cm can be safely achieved and slopes up to 10° can be compensated, suitable in nearly all situations.

- **High stability**

No moving or self-levelling parts, so the elevated floor tiles are unable to move, offering long term stability and no need for any future adjustments.

- **Exceptional drainage**

Joints created naturally during the installation process means water can easily drain away, so pooling of water will not occur.

- **Permanent ventilation**

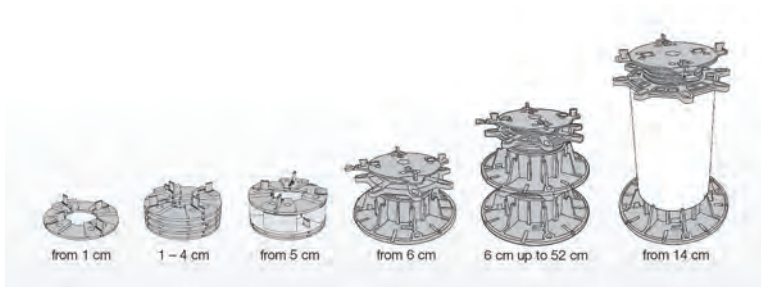
Voids created below the elevated floor allows for free movement of air, so the area always dries quickly.

- **Services management**

Space created below an elevated floor allows services to remain hidden and protected, so no unsightly cable or pipe trip hazards.

- **Special construction**

Pedestals are made from special plastics, so each one can carry 1 metric tonne in weight.



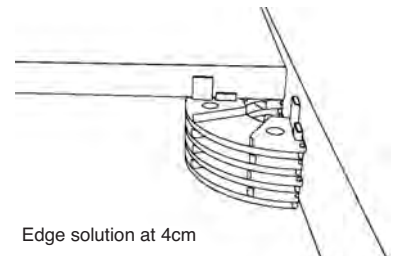
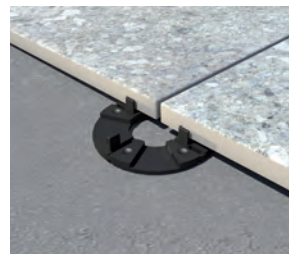
### Nicobond Terra Level 1cm Stackable Tile Support TL1

Part of the Nicobond Pedestal System for 1 - 20cm heights



- Supports 1cm
- Stackable upto 20cm
- Tough plastic composite
- Fast installation
- Flexible heights
- High stability
- Exceptional drainage

TL1 tile supports 1 cm can be laid on any kind of waterproof membrane. The tough but soft special plastic composite does not harden and reduces footfall sound. TL1 are stackable and can be used for raising heights from 1 cm to more than 20cm. Code number N2540400



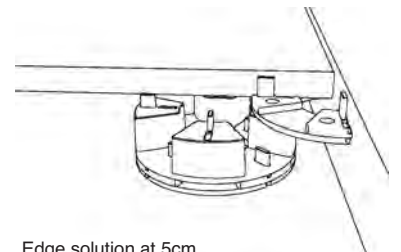
### Nicobond Terra Level 3cm Stackable Block TL2

Part of the Nicobond Pedestal System for over 5cm heights



- Supports 3cm
- Tough plastic composite
- Fast installation
- Flexible heights
- High stability
- Exceptional drainage

TL2 block 3cm was designed to speed up working processes and save costs. A TL1 must be placed underneath and on top of the block, which means it can only be used from a raised height of 5cm onwards. Code number N2540402



## Nicobond Terra Level 1mm Stackable Adjusting Shim TL3

Part of the Nicobond Pedestal System for 1mm adjustments

- 1mm adjustment
- Stackable upto 10mm
- Tough plastic composite
- Fast installation
- Flexible heights
- High stability
- Exceptional drainage



TL3 adjusting shims 1mm allow easy levelling. Differing tile thicknesses, unevenness of the substrate and a slight slope can be compensated for by up to 10mm per tile corner.  
Code number N2540404



## Nicobond Terra Level 6-13cm Stackable Adjustable Tile Support TL4

Part of the Nicobond Pedestal System for 6 - 52cm heights

- Supports 6/13cm
- Tough plastic composite
- Fast installation
- Flexible heights
- High stability
- Exceptional drainage



TL4 tile supports 6cm to 13cm are adjusted by means of an adjustment ring and two opposing threads. If necessary, fine adjustment and slope compensation is completed using the TL3 adjustment shims 1mm. For raising heights just over 13cm, TL1 tile supports 1cm, TL2 blocks 3cm and TL3 adjustment shims 1 mm can all be used for the construction. By stacking two or more TL4 on top of one another, all raising heights from 6cm to 52cm can be achieved.  
Code number N2540406



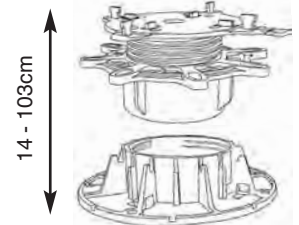
## Nicobond Terra Level 14/ 103cm Coupling Tile Support TL5

Part of the Nicobond Pedestal System for 14-103cm heights

- Supports 14/103cm
- Tough plastic composite
- Fast installation
- Flexible heights
- High stability
- Exceptional drainage



TL5 tile supports from 14cm up to 103 cm offer the same features as TL4 but can only be used in conjunction with TL6 coupling tubes. TL6 is cut to the required length and inserted into the guides at the top and bottom. The support disc can be adjusted by a further 4cm by screwing.  
TL5 was designed to speed up working processes and save costs.  
Code number N2540408



## Nicobond Terra Level 100cm Coupling Tube TL6

Part of the Nicobond Pedestal System for 14-103cm heights

- Tube 100cm
- Can be cut to size
- Tough plastic composite
- Fast installation
- Flexible heights
- High stability
- Exceptional drainage

TL6 coupling tube 100cm can only be used with TL5. A mitre saw with fence is recommended for cutting to length.  
Code number N2540410



## Professional and DIY Tools

Optimum results are essential as they reflect on the professional reputation of the trade. With this in mind, Nicobond offer a quality range of tools and accessories that deliver the quality finish you demand every day.







**Nicobond Gauging Trowel**  
 ● 7" (178mm) trowel with steel blade and softgrip handle  
 N2540064



**Nicobond Round Notched Trowel**  
 ● 20 x 10mm softgrip round notch trowel for floor tiles  
 N2540058



**Nicobond 4mm Notched Trowel**  
 ● Softgrip square notched trowel 4 x 4mm for wall tiles  
 N2540059



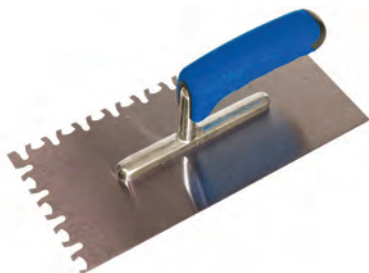
**Nicobond 6mm Notched Trowel**  
 ● Softgrip square notched trowel 6 x 6mm for wall tiles  
 N2540060



**Nicobond 8mm Notched Trowel**  
 ● Softgrip square notched trowel 8 x 8mm for wall & floor tiles  
 N2540061



**Nicobond 10mm Notched Trowel**  
 ● Softgrip square notched trowel 10 x 10mm for wall & floor tiles  
 N2540062



**Nicobond Large Format Floor Tile Trowel**  
 ● Softgrip with unique tooth design for improved coverage  
 N2540194



**Nicobond Grout Rake**  
 ● Grout remover with interchangeable carbide and saw blades  
 ● Spare blades  
 N2540090  
 N2540092



**Nicobond Sealant Remover**  
 ● Soft grip dual action right angled blade allows both pull and push action for effective removal of cured silicone sealant  
 N2540228



**Nicobond Bucket Trowel**  
 ● Specially shaped for effective use with buckets 160mm trowel  
 N2540066



**Nicobond Screed Trowel**  
 ● Screed trowel 280 x 130mm  
 F6102016



**Nicobond V Notched Trowel**  
 ● Trowel handle for notched blades 275 x 110mm  
 ● V Notched trowel blades 1.5mm  
 ● V Notched trowel blades 2mm  
 F6102020  
 F0000032  
 F0000031



**Nicobond 600mm Pro Cutter**  
 ● Supplied with 6mm & 10mm wheels and case  
 N2540018  
 ● Spare wheel for Pro tile cutter  
 6mm  
 10mm  
 N2540020  
 N2540022



**Nicobond Softgrip Float**

- Float with softgrip handle and fixed hydro sponge N2540094



**Nicobond Grout Float**

- Professional grout float with wooden handle 240 x 102mm. Suitable for walls & floors N2540100



**Nicobond Epoxy Grout Float**

- Light weight body with dense green rubber pad for the application of epoxy grouts N2540103



**Nicobond Washboy**

- 23 Litre professional cleaning set N2540104



**Nicobond Softgrip Float with Hydro Sponge**

- Float with softgrip handle & replaceable block cut hydro sponge
- Float with replaceable block cut hydro sponge 280 x 140mm N2540096
- Replacement velcro block cut hydro sponge N2540098



**Nicobond Cleaning Pads**

- Emulsifying cleaning pad handle and variety of pads
- Cleaning pad handle with velcro fixings N2540082
- Emulsifying pad fine (white) N2540084
- Emulsifying pad medium (brown) N2540086
- Emulsifying pad coarse (black) N2540088



**Nicobond Hydro Sponges**

- Used for grouting and cleaning up grout
- Small hydro sponge 160 x 110 x 50mm N2540076
- Jumbo hydro sponge 200 x 150 x 60mm N2540078
- Professional Square Cut Hydro Sponge 165 x 100 x 65mm N2540079



**Nicobond Guide & Cooling System**

- Universal guide and cooling system for use with diamond hole saws N2540056



**Nicobond Diamond Hole Saws**

- Electro plated diamond cutting rim with discharge holes
- N2540024 - 5mm
- N2540026 - 6mm
- N2540028 - 8mm
- N2540030 - 10mm
- N2540032 - 12mm
- N2540034 - 18mm
- N2540036 - 22mm
- N2540038 - 27mm
- N2540040 - 30mm
- N2540042 - 35mm
- N2540044 - 50mm
- N2540046 - 63mm
- N2540048 - 75mm
- N2540050 - 115mm



**Nicobond Professional Tile Nipper**

- For use with ceramic, glass, mosaic and porcelain tiles N2540008
- Spare wheels for nipper (2 Piece) N2540009



**Nicobond Trim Mitre Cutter**

- Designed for mitre cutting PVC trims and beading N2540001



**Nicobond Tile Nipper**

- Drop forged carbide tipped nippers N2540006



**Nicobond Rodsaw**

- Nicobond 6" Rodsaw N2540002
- Replacement blades N2540004



**Nicobond Tile File**

- Tungsten grit file with flat & rounded sides 250mm N2540014



**Nicobond Tile Scriber**

- Tungsten carbide tipped scriber 130mm N2540010



**Nicobond Mixing Paddle**

- Heavy duty mixing paddle 800 x 80mm N2540145



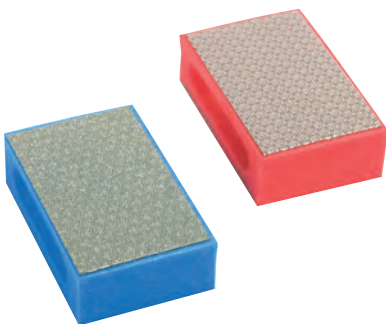
**Nicobond Tile Remover/Scraper**

- Angled stainless steel blade with brass high impact end for the removal of wall and floor tiles N2540198



**Nicobond Long Handle Floor Scraper**

- 12" Long handle floor scraper F0000028
- Long handle floor scraper blades F0000029



**Nicobond Diamond Hand Pads**

- Fine pad for smoothing the edges of all types of tile N2540190
- Medium pad for smoothing the edges of all types of tile N2540192



**Nicobond Heavy Duty Builders Bucket**

- Heavy duty 3 gallon/15 litre builders bucket black N2540152



**Nicobond Knee Pads**

- Heavy duty knee pads N2540146



**Nicobond Rubber Mallet**

- White 500gm rubber mallet 55mm dia N2540140



**Nicobond Flexible Bucket**

- 40 Litre Bucket N2540160
- 26 Litre Bucket N2540158
- 12 Litre Bucket N2540156



**Nicobond Skeleton Gun**

- For silicone sealant and gap filling adhesive cartridges 400ML N2540162



**Nicobond Tile Magnets**

- Magnetic lock set for tile cover or access panels N2540142



**Nicobond Tape Measure**

- 5M N2540150



**Nicobond Sealant Finisher**

- 22mm - 35mm 2 Pack N2540196



**Nicobond Trianglaur Ceramic Drill Bit**

- Drill bit for ceramic tilles to cut holes up to 73mm in diameter N2540266



**Nicobond Cartridge Nozzle Stop**

- Plastic nozzle stop to prevent cartridge nozzles drying out N2540270



**Nicobond Tile Markers**

- Set of red and black tile markers N2540276



**Nicobond Trim Mitre Block**

- Unique design mitre block for straight and mitre cutting of metal and PVC trim, with channels to hold the tim and an anti-slip base N2540278



**Nicobond 120mm Dia. Aluminium Suction Cup SWL 40kg**

- Single aluminium bodied suction cup for tile lifting. Safe working load of 40kg. N2540284



**Nicobond Twin Aluminium Suction Cup SWL 80kg**

- Double aluminium bodied suction cup for tile lifting. Safe working load of 80kg N2540286



**Peg Type Tile Spacers**

2mm 500 per pack

N2540110



**Plastic Wedges**

0-5mm 100 per pack

N2540108



**T type Tile Spacers**

2mm (250 per pack)

N2540117



**Cross Type Tile Spacers**

1mm (500 per pack)

N2540113

2mm (100 per pack)

N2540114

2mm (250 per pack)

N2540116

2mm (500 per pack)

N2540118

2mm (2500 per pack)

N2540119

2mm (5000 per bucket)

N2540120

2.5mm (250 per pack)

N2540121

3mm (250 per pack)

N2540122

3mm (500 per pack)

N2540124

3mm (2000 per pack)

N2540125

3mm (5000 per bucket)

N2540126

4mm (250 per pack)

N2540128

4mm (3000 per bucket)

N2540130

5mm (100 per pack)

N2540132

5mm (3000 per bucket)

N2540134



**Nicobond Stick-it 380ml**

● High performance gap filling panel adhesive N1741000



**Nicobond Fill-it 380ml**

● Decorators caulk, flexible acrylic filler N1742000



**Nicobond MS Pro 290ml**

● Max strength adhesive & sealant  
White - N1741002  
Clear - N1741004



**Nicobond Heavy Duty Work Wipes x100**

● Tough, absorbent, antibacterial work wipes N2540264



**Nicobond Carpet Protector**

● 700mm X 25m N2540260



**Nicobond Hard Floor Protector**

● 700mm X 25m N2540262



**Nicobond Dust Sheet**

● Contractors cotton twill dusk sheet 12'x 9' N2540154

### Professional Levelling System

Overcome problems with achieving a flat and level floor tile surface with the Nicobond Professional Levelling System



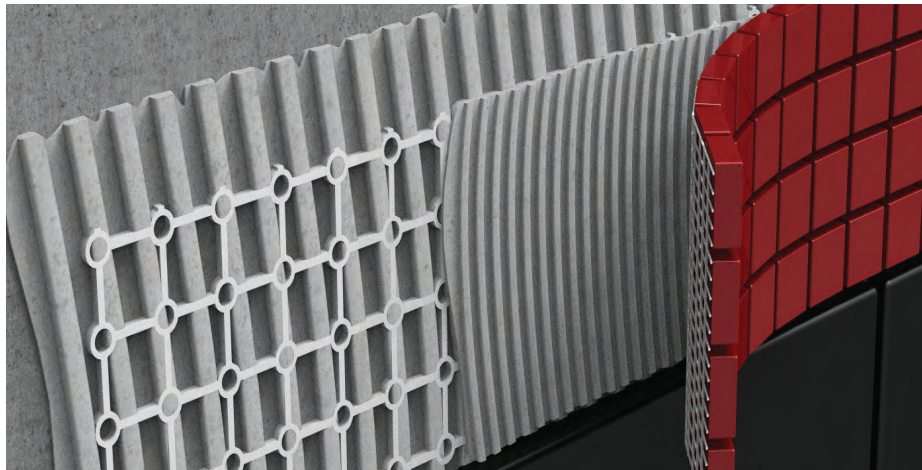
- Virtually eliminates lipping
- Dramatically reduces installation time
- Consistant grout lines (1.2mm)
- Maximum working depth 70mm
- Secure caps minimise movement
- Ideal for walls and floors



- Large Universal Base Tub 200 pcs N2540246
- Standard Caps Bag of 100 pcs N2540250
- Application Tool N2540248

### Mosaic Wall Spacers

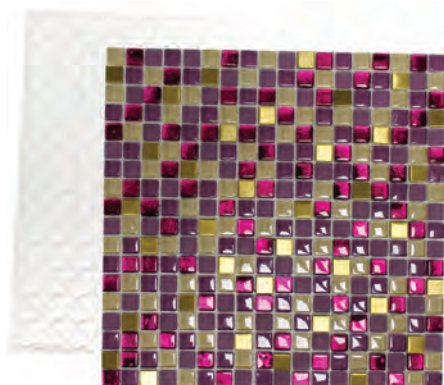
An innovative bedding out spacer system to ensure a flush surface finish for mosaics and tiles of different thicknesses. Simply insert within the tile adhesive to achieve the required depth and to avoid lipping



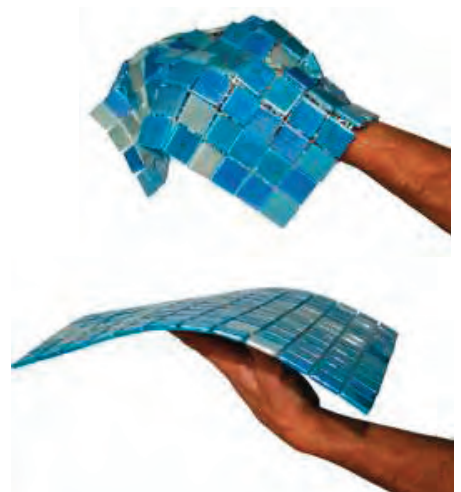
- Can achieve 2.5, 3.5, 4.5 and 5mm thickness
- Covers up to 4.5m length (50mm wide border)
- Optimum design allowing maximum adhesive coverage and performance.
- Snaps easily for different border widths.
- 5 sheets 300 x 150mm N2540188

### Nicobond Mosaic Backing Mesh

A self-adhesive backing that supports mosaic mesh sheets to enable fast and simple fixing with flat, square results every time.



- Size: 300 x 300 x 3mm
- Rigid plastic sheet that can be cut with scissors or a knife
- Allows solid bond of adhesive from tile to substrate
- Professional finish
- 1 sheet 300 x 300 N2540268



**Nicobond Tile Cleaner  
1ltr**

Nicobond Tile Cleaner provides a gentle but powerful cleaning formula that will help maintain your wall and floor tiles in their original state, without leaving any residues.

N2540700



**Nicobond Grout and Cement Remover  
1ltr**

Nicobond Grout & Cement Remover is an acid based cleaner ideal for removing grout residues, building site dirt, efflorescence, rust stains and lime deposits. This highly effective powerful cleaner specially formulated to deal with building work residues and general grime.

N2540702



**Nicobond Colour Intensifier and Sealer  
1ltr**

Nicobond Colour Intensifier and Sealer is a water-based, high performance sealer and enhancer which brings out the natural colour of stone and leaves a high sheen to the surface. It seals and protects against water penetration and liquid spills. For all polished & unpolished natural stone. One coat application.

N2540716



**Nicobond Stain and Wax Remover  
1ltr**

Nicobond Stain Remover is an advanced formula designed to remove wax deposits and unwanted stains from tiles. This easy to use stain remover is a highly effective product that will not leave any residues.

N2540724



**Nicobond Tile and Stone Polish  
1ltr**

Nicobond Tile & Stone Polish will leave your tiles with a deep lustre. This product is ideal to revive dull floors. It will re-polish traffic patterns, scratches, abrasions & some surface stains. Suitable for use on all ceramic, porcelain and natural tiles. For indoor use only.

N2540726



**Nicobond Grout Protector**

Nicobond Grout Protector protects grout from all types of stains and spills. Once treated, this product helps minimise water penetration and keeps grout in its original condition.

N2540720 500ml  
N2540723 Aerosol 500ml



**Nicobond Water Based Sealer  
1ltr**

Nicobond Water Based Sealer provides maximum protection against stains and spills for your natural stone tiles. The sealer puts an invisible protection on your tiles preserving their natural appearance and will help enhance their lifespan and durability. A vapour-permeable barrier is formed that resists water and oil-based stains. One coat application.

N2540708



**Nicobond Solvent Based Sealer  
1ltr**

Nicobond Solvent Based Sealer provides maximum stain protection for polished surfaces while preserving the natural appearance of the tile and will help enhance their lifespan and durability. Forms a vapour-permeable barrier that resists water and oil-based stains. Ideal for porcelain.

N2540712



**Nicobond Temporary Protection Sealer  
2.5ltr**

A water based temporary protective sealer for tiles prior to grouting, which protects the surface against discoloration from pigmented grouts. Suitable for use on most surfaces including marble, ceramics, mosaics, natural stone, terracotta, etc. Used undiluted and applied in two coats prior to grouting.

N2540713



**Nicobond Sealers & Cleaners - Cleaning, Protection & Maintenance**

|                             | INITIAL CLEANING       | PROTECTION              |                             | REGULAR CLEANING | SPECIAL CLEANING               |
|-----------------------------|------------------------|-------------------------|-----------------------------|------------------|--------------------------------|
|                             |                        | NATURAL LOOK PROTECTION | COLOUR ENHANCEMENT          |                  |                                |
| SLATE                       | Grout & Cement Remover | Water Based Sealer      | Colour Intensifier & Sealer | Tile Cleaner     | Stain & Wax Remover            |
| UNPOLISHED NATURAL PRODUCTS | Grout & Cement Remover | Water Based Sealer      | Colour Intensifier & Sealer | Tile Cleaner     | Stain & Wax Remover            |
| HONED NATURAL PRODUCTS      | Grout & Cement Remover | Water Based Sealer      | Colour Intensifier & Sealer | Tile Cleaner     | Stain & Wax Remover            |
| POLISHED NATURAL PRODUCTS   | Tile Cleaner           | Solvent Based Sealer    | Colour Intensifier & Sealer | Tile Cleaner     | Tile Cleaner                   |
| HONED APPLESTONE            | Tile Cleaner           | Water Based Sealer      | Colour Intensifier & Sealer | Tile Cleaner     | Stain & Wax Remover            |
| LIMESTONE                   | Tile Cleaner           | Water Based Sealer      | Colour Intensifier & Sealer | Tile Cleaner     | Stain & Wax Remover            |
| GRANITE                     | Tile Cleaner           | Solvent Based Sealer    | Colour Intensifier & Sealer | Tile Cleaner     | Tile Cleaner                   |
| POLISHED/UNGLAZED PORCELAIN | Grout & Cement Remover | Solvent Based Sealer    | unrequired                  | Tile Cleaner     | Stain & Wax Remover            |
| RUSTIC PORCELAIN            | Grout & Cement Remover | unrequired              | unrequired                  | Tile Cleaner     | Stain & Wax Remover            |
| GROUT                       |                        | Grout Protector         | unrequired                  | Tile Cleaner     | Grout Cleaner or Mould Remover |



**Nicobond DIY Grout Float**

● 240 x 90mm PVC handle with aluminum plate  
N2540102



**Nicobond DIY Squeegee**

● 180mm rubber squeegee  
N2540072



**Nicobond DIY Combination Spreader**

● Large combination spreader 180mm  
N2540074



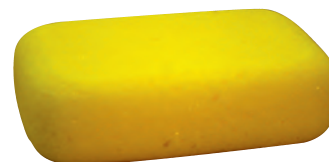
**Nicobond DIY Notched Trowel**

● 6 x 6mm economy square notched trowel  
220 x 105mm  
N2540068



**Nicobond DIY Notched Trowel**

● 12 x 12mm economy square notched trowel  
220 x 105mm  
N2540070



**Nicobond DIY Sponge**

● 160 x 110 x 65mm  
N2540080



**Nicobond DIY Washboy**

● 10L cleaning set with plastic float/EVA pad, float with sponge and plastic cover  
N2540106

**Nicobond Floor & Wall Tile Cleaner**

Nicobond Floor & Wall Tile Cleaner provides a gentle but powerful cleaning formula that will help maintain your tiles to their original state, without leaving any residues

N2540728 500ml



**Nicobond Floor & Wall Tile Cleaner EXTRA**

Our advanced acid based cleaner that is ideal for removing grout residues, stains lime, building site dirt rust & efflorescence's deposits.

N2540730 500ml



**Nicobond All-In-One Bathroom Cleaner**

The perfect for frequent use to keep your bath, sink, toilet, shower and bathroom surfaces sparkling. This powerful formulation expertly cleans surfaces in a bathroom without leaving residues.

N2540732 500ml



**Nicobond All-In-One Bathroom Cleaner EXTRA**

A powerful formula that removes limescale and calcium deposits found on toilets, taps, tiles and sinks, effectively cleaning and removing stains whilst killing germs.

N2540734 500ml





**Nicobond Stain & Wax Remover EXTRA**

An advanced formula designed to remove wax deposits and unwanted stains from your tiles. This stain remover is a highly effective product that will not leave any residues.

N2540760 500ml



**Nicobond Tile & Stone Polish**

Nicobond Tile & Stone Polish is ideal for reviving your dull wall and floors and re-polish traffic patterns, scratches, abrasions and surface stains to leave your tiles with a deep lustre finish.

N2540762 1 litre



**Nicobond Grout Cleaner**

Our fast acting, easy to use formula that will penetrate through dirt and residue to remove them quickly and effectively. Helps to keep grout looking in its original condition and reduce the need for re-grouting or colouring.

N2540754 500ml



**Nicobond Mould Remover**

New powerful formula to efficiently and effectively remove mould stains from grout, plastic fittings, silicone sealant and enamel, and is Ideal for use on plastic and enamel baths and showers.

N2540752 500ml



**Nicobond Grout Protector**

Protects your grout from all types of stains and spills. Once treated, this product helps minimise water penetration and keeps grout in its original condition to help reduce the need for re-grouting.

N2540759 Aerosol 500ml



**Nicobond Grout Protector**

Protects your grout from all types of stains & spills. Once treated, this product minimises water penetration and keeps grout in its original condition to help reduce the need for re-grouting.

N2540756 500ml



**Nicobond Colour Enhancer and Sealer**

Ideal for natural product is a water-based, high performance sealer and enhancer which brings out the natural colour of stone. It seals protects all polished and unpolished natural stone against water penetration.

N2540748 500ml  
N2540750 1 litre



**Nicobond Invisible Sealer for Unpolished Natural Product**

Seal and protect your unpolished natural stone tiles from stains & spills with our water based sealer which helps to enhance appearance and durability through minimising water penetration

N2540736 500ml  
N2540738 1 litre



**Nicobond Invisible Sealer for Polished Natural Product**

Nicobond Invisible Sealer provides maximum protection against stains and spills for your polished porcelain tiles. The sealer puts an invisible protection on your tiles preserving their natural appearance and will help enhance their lifespan and durability. A vapour-permeable barrier is formed that resists water and oil-based stains.

N2540740 500ml  
N2540742 1 litre



**Nicobond Invisible Sealer for Polished Porcelain**

Nicobond Invisible Sealer for Porcelain puts an invisible protection on your porcelain tiles, preserving their natural appearance. Sealer provides maximum protection against stains and spills and will enhance the lifespan and durability of your tiles. A vapour-permeable barrier is formed that resists water and oil-based stains.

N2540744 500ml  
N2540746 1 litre



**Nicobond Sealers & Cleaners Product Selector - Cleaning, Protection & Maintenance**

|                             | INITIAL CLEANING                | PROTECTION                                      |  | REGULAR CLEANING  | SPECIAL CLEANING  |
|-----------------------------|---------------------------------|---|--|---|---|
|                             |                                 | NATURAL LOOK PROTECTION                         | COLOUR ENHANCEMENT                           |   |   |
| SLATE                       | Floor & Wall Tile Cleaner Extra | Invisible Sealer for Unpolished Natural Product | Colour Enhancer & Sealer for Natural Product | Floor & Wall Tile Cleaner / All in One Bathroom Cleaner | Stain Remover EXTRA                                     |
| UNPOLISHED NATURAL PRODUCTS | Floor & Wall Tile Cleaner Extra | Invisible Sealer for Unpolished Natural Product | Colour Enhancer & Sealer for Natural Product | Floor & Wall Tile Cleaner / All in One Bathroom Cleaner | Stain Remover EXTRA                                     |
| HONED NATURAL PRODUCTS      | Floor & Wall Tile Cleaner Extra | Invisible Sealer for Unpolished Natural Product | Colour Enhancer & Sealer for Natural Product | Floor & Wall Tile Cleaner / All in One Bathroom Cleaner | Stain Remover EXTRA                                     |
| POLISHED NATURAL PRODUCTS   | Floor & Wall Tile Cleaner       | Invisible Sealer for Polished Natural Product   | Colour Enhancer & Sealer for Natural Product | Floor & Wall Tile Cleaner / All in One Bathroom Cleaner | Floor & Wall Tile Cleaner                               |
| HONED APPLESTONE            | Floor & Wall Tile Cleaner       | Invisible Sealer for Unpolished Natural Product | Colour Enhancer & Sealer for Natural Product | Floor & Wall Tile Cleaner / All in One Bathroom Cleaner | Stain Remover EXTRA                                     |
| LIMESTONE                   | Floor & Wall Tile Cleaner       | Invisible Sealer for Unpolished Natural Product | Colour Enhancer & Sealer for Natural Product | Floor & Wall Tile Cleaner / All in One Bathroom Cleaner | Stain Remover EXTRA                                     |
| GRANITE                     | Floor & Wall Tile Cleaner       | Invisible Sealer for Polished Natural Product   | Colour Enhancer & Sealer for Natural Product | Floor & Wall Tile Cleaner / All in One Bathroom Cleaner | Floor & Wall Tile Cleaner                               |
| POLISHED PORCELAIN          | Floor & Wall Tile Cleaner Extra | Invisible Sealer for Polished Porcelain         | unrequired                                   | Floor & Wall Tile Cleaner / All in One Bathroom Cleaner | Stain Remover EXTRA                                     |
| RUSTIC PORCELAIN            | Floor & Wall Tile Cleaner Extra | unrequired                                      | unrequired                                   | Floor & Wall Tile Cleaner / All in One Bathroom Cleaner | Stain Remover EXTRA                                     |
| GROUT                       |                                 | Grout Protector                                 | unrequired                                   | Floor & Wall Tile Cleaner / All in One Bathroom Cleaner | Grout Cleaner or Mould Remover                          |
| CERAMIC                     | Floor & Wall Tile Cleaner Extra | unrequired                                      | unrequired                                   | Floor & Wall Tile Cleaner / All in One Bathroom Cleaner | All in One Bathroom Cleaner EXTRA / Stain Remover EXTRA |

## Sub-Floor Preparation and Moisture Control

It is paramount that the sub-floor is in the appropriate condition prior to the installation of the smoothing underlayment and subsequently, the floor covering. The success of the installation may be reliant on the preparation of the sub-floor so is a vital part of the flooring system.

We offer a broad range of high quality sub-floor preparation solutions and equipment for this purpose.



## Sub-floor Moisture Control

A key aspect of sub-floor preparation, our non-destructive moisture testing equipment allows you to determine accurately the moisture levels of your screed or concrete floor. British Standards BS8201, BS8203, BS5325 (see page 8 for full list) states that the floor must be sufficiently dry to allow for installation of a resilient floor covering

### Moisture Testing

Establish the presence of or absence of moisture levels in the screeded floor using one of our Nicobond Moisture meters.

If moisture is indicated, further investigation is required.



Measures moisture in wood surfaces



Measures moisture in concrete / hard floors

### Humidity Testing

Our Nicobond Digital Hygrometer is an insulating box that incorporates a hygrometer that accurately measures the relative humidity and air temperature.

To obtain relative humidity readings it is recommended to use at least two Digital Hygrometers, irrespective of the room size in order to accurately assess the condition of the floor. Switch unit on once entrapped air reaches moisture equilibrium.

Refer to the Nicobond Technical Data Sheet prior to use. If RH is under 75%, installation of the floor covering can commence.



### Digital Hygrometer

An effective, portable and re-usable digital hygrometer which is designed for measuring the relative humidity within screeds and in particular Anhydrite / Calcium Sulphate screeds.



Digital Hygrometer



Hygro-Box/Digital Probe

### Floor Treatment (if required)

If the floor achieves a reading lower than 75% RH or 0.5% by weight, proceed with fitting.

However, if the reading is above these limits, there is still moisture in the sub-floor. Apply Nicobond Damp Proof Membrane, which is a single coat, water surface damp proof membrane and vapour suppressant.

Nicobond DPM controls residual moisture prior to the application of smoothing underlayments or floor coverings.

Seek advice from the manufacturer concerning Anhydrite/Calcium Sulphate screeds



### DPM One Coat Membrane

A two part epoxy resin surface DPM and vapour suppressant which is supplied in a functional dual chamber container and is used to form a barrier to restrict the passage of moisture.



## Moisture Meter Kit

Ideal for assessing the moisture content of a variety of construction materials.



|                |                              |              |
|----------------|------------------------------|--------------|
| ● Range        | scale 1 – wood 1             | 6.0 to 40.0% |
|                | scale 2 – wood 2             | 8.0 to 40.0% |
|                | scale 3 – plaster            | 0.1 to 15.0% |
|                | scale 4 – concrete           | 0.5 to 12.0% |
|                | scale 5 – linear             | 0 to 1000    |
| ● Resolution   | 0.1% or 1 (Linear Scale)     |              |
| ● Accuracy     | ±1% moisture content         |              |
| ● Battery life | 3 x 1.5 volt AAA – 350 hours |              |
| ● Display      | 12mm LCD                     |              |
| ● Dimensions   | 25 x 56 x 128mm              |              |
| ● Weight       | 130 grams                    |              |

Our professional Nicobond Moisture Meter Kit offers a complete solution for measuring moisture and dampness values as a percentage within various substrates and materials, such as concrete, screed, smoothing compounds, soft wood, hard wood and plaster.

Includes a general purpose probe, heavy duty hammer probe and a pack of pins for each instrument.

### General Purpose Probe

This standard, general purpose, two pin (12.7mm spacing) moisture meter probe is ideal for measuring moisture in a variety of building materials.



### Heavy Duty Hammer Probe

Designed for measuring moisture in wood and similar materials. The two pin's insulated shank ensures measurements are taken at the pin tip, allowing varying of depth easurements.



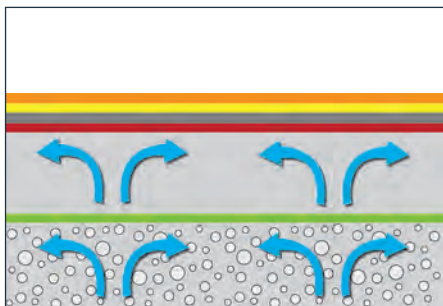
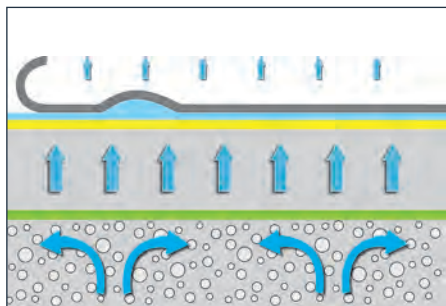
### Deep Wall Probe

With it's insulated deep wall/floor probe, the probe can measure moisture deep within walls and floors, regardless of surface dampness. The insulated shanks should be inserted into pre-drilled holes.

Note: The deep wall probe is not supplied in the kit and is only available as an optional extra



## Avoiding Installation Failures



### Premature installation

Demanding schedules increase the risk of the floor covering being installed prior to the screed drying to the required level.

Premature installation of the floor covering will prevent the release of moisture from the concrete resulting in trapped moisture, causing blisters or even the failure of the adhesive, resulting in separation and time consuming and potentially expensive remedial works.

### Use of flooring membranes

Damp proof membranes restrict damp from passing through the concrete subfloor. If the DPM does not exist or is damaged, moisture rises to the surface, which without a waterproof surface membrane, can affect the adhesion of the floor covering.

A watersurface membrane creates a film which forms a barrier that restricts the passage of moisture and allows a controlled passage of water vapour. Use of a Surface Proof Membrane helps to protect the sub-floor.

### Measurement is key

It is impossible to detect moisture without the use of equipment as it is not always visible to the eye and may conceal moisture that is being released over time.

## Digital Hygrometer

A calibrated digital hygrometer box for carrying out moisture tests on concrete floors and screeds prior to the installation of floor coverings.



- Displays Temperature
- Displays Humidity
- No Calibration Required
- Simple to Use
- Reliable/Accurate
- 8m Butyl Tape

The N&C Digital Hygrometer is an insulated humidity box that incorporates a thermo hygrometer that indicates both relative humidity and air temperature. The box is used for non-destructive moisture testing on concrete, anhydrite screeds and other floors.

For accurate results, tests should be carried out after the internal conditions of the building in which the slab is located have been at normal service temperature and humidity for at least 48 hours prior to commencement of testing. Ensure that all artificial aids used to accelerate the drying of the slab and the underfloor heating are turned off at least 4 days (96 hours) prior to taking the final readings. For best results use in pairs.

British Standards  
BS8201 - BS8203 - BS5325



## Hygro - Box

An insulated humidity box for measuring relative humidity or temperature.



- Dimensions 200 x 200 x 50mm
- Solely used with Nicobond Therna Probe

The Nicobond Hygro-Box is an insulated humidity box, with a top opening round grommet, Simply insert the Nicobond Therna Probe to measure the relative humidity or temperature. The Hygro-Box is used for non-destructive moisture testing on concrete, anhydrite screeds and other floors. Includes 8m Butyl tape for sealing.



## Therna Probe

An easy to use relative humidity and air temperature measuring instrument.

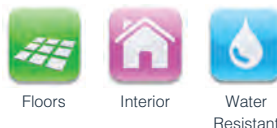


- Case Material: ABS plastic
- Display Type: LCD digital
- Power Source: Battery
- Max/min Function: Yes

The Nicobond Therna Probe is an easy to use, relative humidity and air temperature measuring instrument for use with the Nicobond Hygro Box.

The unit measures %rh over the range of 0 to 100%rh with a resolution of 0.1%rh and temperature over the -20 to 70°C (120 to 50°C with fixed probe) with a resolution of 0.1°C.

The Therna Probe incorporates a custom LCD, displaying %rh, °C/°F, dew point indication, max/min and hold.



## Product Selector Guide

Refer to the Nicobond Product Selector on the following pages for an abridged overview of many of the products featured in this directory. The easy to follow Selector identifies key features of the products as well as the conditions under which they can be used. This includes detailed information relating to the wall or floor substrate to be tiled and any surface preparation which may be required.





## Ready Mixed Adhesives



N&C recommend this product in this situation



This product can be used in this situation



| Product        | Nicobond Tile Adhesive                       | Nicobond Ultragrip                     |  |
|----------------|--|--|--|
| Specifications | Description                                  | The original ready mixed tile adhesive | Ready mixed, high grab acrylic tile adhesive |
|                | Substrate                                    | Wall                                   | Wall   |
|                | Bed Thickness                                | Up to 3mm                              | Up to 3mm                                    |
|                | Open Time (approx)                           | 20 min                                 | 30 min                                       |
|                | Grouting After Fixing                        | 6 - 12 hrs                             | 6 - 12 hrs                                   |
|                | Set Time (approx)                            | 24 hrs                                 | 24 hrs                                       |
|                | Colour                                       | Off white                              | Off white                                    |
|                | Pack Size                                    | 15kg                                   | 15kg   |
|                | Classification - EN12004                     | D1TE                                   | D1TE   |
| Conditions     | Interior                                     |  |  |
|                | Exterior                                     |  |  |
|                | Swimming Pools                               |  |  |
|                | High Humidity                                |  |  |
| Wall Surfaces  | Gypsum Plaster/Plasterboard Dry Areas        |  |  |
|                | Gypsum Plaster/Plasterboard High Humidity    |  |  |
|                | Tile Backer Boards                           |  |  |
|                | Concrete/Blocks/Bricks<br>Cement Sand Render |  |  |
|                | Wood Based Boards                            |  |  |
|                | Gloss Paints                                 |  |  |
|                | Existing Tiled Surfaces                      |  |  |





| Nicobond Waterproof Tile Adhesive             | Nicobond Aquagrip                                       |
|---|---|
| Ready mixed, waterproof acrylic tile adhesive | Ready mixed, high grab waterproof acrylic tile adhesive |
| Wall  | Wall  |
| Up to 3mm                                     | Up to 3mm   |
| 30 min  | 30 min  |
| 4 - 6 hrs                                     | 4 - 6 hrs   |
| 24 hrs  | 24 hrs  |
| Brilliant white                               | Off white   |
| 15kg, 3.75kg                                  | 15kg  |
| D2TE  | D2TE  |

|   |   |
|---|---|
| ✓ | ✓ |
| ✓ | ✓ |
|   |   |
| ✓ | ✓ |

|   |   |
|---|---|
| ✓ | ✓ |
| ✓ | ✓ |
| ✓ | ✓ |
| ✓ | ✓ |
| ✓ | ✓ |
| ✓ | ✓ |
| ✓ | ✓ |

# Powder Adhesives



N&C recommend this product in this situation



This product can be used in this situation

- E - Add Nicobond Enhancer 2002 as per data sheet
- P1 - Prime with Nicobond Primer
- P2 - Prime with 2 coats Nicobond Primer diluted 1:3 with water applied at right angles to each other
- P3 - Priming section System 1



## Specifications

| Product                  | Nicobond Rapidflex Fibre S2       | Nicobond Rapidflex S1             | Nicobond Large Format Flex S1      |
|--------------------------|-----------------------------------|-----------------------------------|------------------------------------|
| Description              | Flexible, rapid set tile adhesive | Flexible, rapid set tile adhesive | Single part fast set tile adhesive |
| Substrate                | Wall & Floor                      | Wall & Floor                      | Floor                              |
| Bed Thickness            | Up to 12mm                        | Up to 12mm                        | Up to 30mm                         |
| Open Time (approx)       | 10 - 15 min                       | 10 - 15 min                       | 20 min                             |
| Grouting After Fixing    | 3 hrs                             | 2 - 4 hrs                         | 3 - 4 hrs                          |
| Set Time (approx)        | 3 hrs                             | 3 - 4 hrs                         | 3 - 4 hrs                          |
| Colour                   | White & Grey                      | White & Grey                      | White & Grey                       |
| Pack Size                | 20kg                              | 20kg, 10kg                        | 20kg                               |
| Classification - EN12004 | C2 FT S2                          | C2 FT S1                          | C2 F S1                            |

## Conditions

|                |   |   |   |
|----------------|---|---|---|
| Internal       | ✔ | ✔ | ✔ |
| External       | ✔ | ✔ | ✔ |
| Swimming Pools | ✔ | ✔ |   |
| High Humidity  | ✔ | ✔ |   |

## Wall Surfaces

|   |        |        |  |
|---|--------|--------|--|
| Gypsum Plaster/<br>Plasterboard Dry Areas     | ✔ + P2 | ✔ + P2 |  |
| Gypsum Plaster/<br>Plasterboard High Humidity | ✔ + P2 | ✔ + P2 |  |
| Tile Backer Boards                            | ✔      | ✔      |  |
| Concrete/Blocks/Bricks<br>Cement Sand Render  | ✔ + P1 | ✔ + P1 |  |
| Wood Based Boards                             | ✔      | ✔      |  |
| Gloss Paints                                  | ✔      | ✔      |  |
| Existing Tiled Surfaces                       | ✔      | ✔      |  |

## Floor Surfaces

|   |        |        |        |
|---|--------|--------|--------|
| Concrete/Cement sand screed/<br>Cement based levelling or smoothing compounds | ✔ + P1 | ✔ + P1 | ✔ + P1 |
| Power Floated Concrete  | ✔ + P1 | ✔ + P1 | ✔ + P1 |
| Anhydrite/Calcium<br>Sulphate-Based Screed                                    | ✔ + P2 | ✔ + P2 | ✔ + P2 |
| Hard Floor Grade Asphalt Sanded   | ✔ + P3 | ✔ + P3 | ✔ + P3 |
| Under Floor Heating   | ✔      | ✔      | ✔      |
| Ceramic Stone Terrazzo  | ✔      | ✔      | ✔      |
| Metal/Steel   | ✔ + P3 | ✔ + P3 |        |
| Wood Based Boards   | ✔      | ✔      | ✔      |
| Plastic Ply   | ✔      | ✔      | ✔      |
| Hard Vinyl Tiles  | ✔ + P3 | ✔ + P3 | ✔ + P3 |



| Nicobond Flexible Fibre S1                                   | Nicobond Quickflex S1                             | Nicobond Standard Set Flex S1               | Nicobond Ecoflex                                 |
|--|---|---|--|
| Highly flexible, standard set fibre reinforced tile adhesive | High performance quick set flexible tile adhesive | High performance standard set tile adhesive | Carborn Neutral flexible rapid set tile adhesive |
| Wall & Floor   | Wall & Floor                                      | Wall & Floor                                | Wall & Floor                                     |
| Up to 12mm   | Up to 12mm  | Up to 12mm                                  | Up to 12mm                                       |
| Up to 30 mins  | 10 min  | 30 mins                                     | 10 - 15 min                                      |
| Approx 24 hrs  | 3 hrs   | 18 - 24 hrs                                 | 2 - 4 hrs  |
| Approx 24 hrs  | 3 hrs   | 18 - 24 hrs                                 | 3 - 4 hrs  |
| White & Grey   | White - Grey                                      | White & Grey                                | White & Grey                                     |
| 20kg   | 20kg  | 20kg  | 20kg   |
| C2 TE S1   | C2 FT S1  | C2 C2TE S1                                  | C2 FT S1   |
| ✓  | ✓   | ✓   | ✓  |
| ✓  | ✓   | ✓   | ✓  |
| ✓  | ✓   | ✓   | ✓  |
| ✓  | ✓   | ✓   | ✓  |
| ✓ + P2   | ✓ + P2  | ✓ + P2                                      | ✓ + P2   |
| ✓ + P2   | ✓ + P2  | ✓ + P2                                      | ✓ + P2   |
| ✓  | ✓   | ✓   | ✓  |
| ✓ + P1   | ✓ + P1  | ✓ + P1                                      | ✓ + P1   |
| ✓  | ✓   | ✓   | ✓  |
| ✓  | ✓   | ✓   | ✓  |
| ✓  | ✓   | ✓   | ✓  |
| ✓ + P1   | ✓ + P1  | ✓ + P1                                      | ✓ + P1   |
| ✓ + P1   | ✓ + P1  | ✓ + P1                                      | ✓ + P1   |
| ✓ + P2   | ✓ + P2  | ✓ + P2                                      | ✓ + P2   |
| ✓ + P3   | ✓ + P3  | + P3  | ✓ + P3   |
| ✓  | ✓   | ✓   | ✓  |
| ✓  | ✓   | ✓   | ✓  |
| ✓ + P3   | ✓ + P3  | ✓ + P3                                      | ✓ + P3   |
| ✓  | ✓   | ✓   | ✓  |
| ✓  | ✓   | ✓   | ✓  |
| ✓ + P3   | ✓ + P3  | ✓ + P3                                      | ✓ + P3   |

# Powder Adhesives



N&C recommend this product in this situation



This product can be used in this situation

- E - Add Nicobond Enhancer 2002 as per data sheet
- P1 - Prime with Nicobond Primer
- P2 - Prime with 2 coats Nicobond Primer diluted 1:3 with water applied at right angles to each other
- P3 - Priming section System 1



| Product   | Nicobond Gypfix           | Nicobond Rapid Tile & Stone | Nicobond Xtra Tile & Stone            |
|---|---------------------------|-----------------------------|---------------------------------------|
| <b>Specifications</b>   |                           |                             |                                       |
| Description   | Gypsum-based fast setting | Rapid set tile adhesive     | High build standard set tile adhesive |
| Substrate   | Floor                     | Wall & Floor                | Wall & Floor                          |
| Bed Thickness   | Up to 12mm                | Up to 20mm                  | Up to 15mm                            |
| Open Time (approx)  | 20 min                    | 10 min                      | 30 min                                |
| Grouting After Fixing   | 4 hrs                     | 2 - 3 hrs                   | 18 - 24 hrs                           |
| Set Time (approx)   | 4 hrs                     | 2 - 3 hrs                   | 18 - 24 hrs                           |
| Colour  | White                     | White & Grey                | White & Grey                          |
| Pack Size   | 20kg                      | 20kg                        | 20kg                                  |
| Classification - EN12004  | N/A                       | C2 F                        | C2 TE                                 |
| <b>Conditions</b>   |                           |                             |                                       |
| Internal  | ✓                         | ✓                           | ✓                                     |
| External  |                           | ✓                           | ✓                                     |
| Swimming Pools  |                           | ✓                           | ✓                                     |
| High Humidity   |                           | ✓                           | ✓                                     |
| <b>Wall Surfaces</b>  |                           |                             |                                       |
| Gypsum Plaster/<br>Plasterboard Dry Areas                                     |                           | ✓ + P2                      | ✓ + P2                                |
| Gypsum Plaster/<br>Plasterboard High Humidity                                 |                           | ✓ + P2                      | ✓ + P2                                |
| Tile Backer Boards  |                           | ✓ + E                       | ✓                                     |
| Concrete/Blocks/Bricks<br>Cement Sand Render                                  |                           | ✓ + P1                      | ✓ + P1                                |
| Wood Based Boards   |                           | ✓ + E                       | ✓ + E                                 |
| Gloss Paints  |                           | ✓ + E                       | ✓ + E                                 |
| Existing Tiled Surfaces   |                           | ✓ + E                       | ✓ + E                                 |
| <b>Floor Surfaces</b>   |                           |                             |                                       |
| Concrete/Cement sand screed/<br>Cement based levelling or smoothing compounds |                           | ✓ + P1                      | ✓ + P1                                |
| Power Floated Concrete  |                           | ✓ + P1                      | ✓ + P1                                |
| Anhydrite/Calcium Sulphate-Based Screed                                       | ✓                         | ✓ + P2                      | ✓ + P2                                |
| Hard Floor Grade Asphalt Sanded   |                           | ✓ + P3                      | ✓ + E + P3                            |
| Under Floor Heating   | ✓                         | ✓ + E                       | ✓                                     |
| Ceramic Stone Terrazzo  |                           | ✓ + P3                      | ✓ + E + P3                            |
| Metal/Steel   |                           | ✓ + E + P3                  | ✓ + E + P3                            |
| Wood Based Boards   |                           | ✓ + E + P3                  | ✓ + E                                 |
| Plastic Ply   |                           |                             | ✓                                     |
| Hard Vinyl Tiles  |                           | ✓ + E + P3                  | ✓ + E + P3                            |



| Standard Set Flex          | Nicobond Quickflex                           | Nicobond Quickfix       | Nicobond Nico-lastic                     |
|----------------------------|--|-------------------------|--|
| Standard set tile adhesive | Single part quick set flexible tile adhesive | Quick set tile adhesive | Standard set epoxy polyurethane adhesive |
| Wall & Floor               | Wall & Floor                                 | Wall & Floor            | Wall & Floor                             |
| Up to 10mm                 | Up to 12mm                                   | Up to 10mm              | Up to 5mm                                |
| 20 min                     | 15 - 20 min                                  | 10 - 15 min             | Approx 50mins                            |
| 18 - 24 hrs                | 3 hrs  | 2 - 3 hrs               | 24 hrs                                   |
| 18 - 24 hrs                | 3 hrs  | 3 - 4 hrs               | 24 hrs                                   |
| White & Grey               | White & Grey                                 | Grey                    | White                                    |
| 20kg                       | 20kg   | 20kg                    | 5kg                                      |
| C2TE                       | C2 FT  | C1 FT                   | R2t                                      |
| ✓                          | ✓  | ✓                       | ✓  |
| ✓                          | ✓  | ✓                       | ✓  |
| ✓                          | ✓  | ✓                       | ✓  |
| ✓                          | ✓  | ✓                       | ✓  |
| ✓ + P2                     | ✓ + P2                                       | ✓ + P2                  | ✓  |
| ✓ + P2                     | ✓ + P2                                       | ✓ + P2                  | ✓  |
| ✓                          | ✓  | ✓ + E                   | ✓  |
| ✓ + P1                     | ✓ + P1                                       | ✓ + P1                  | ✓  |
| ✓ + E                      | ✓ + E  | ✓ + E                   | ✓  |
| ✓ + E                      | ✓ + E  | ✓ + E                   | ✓  |
| ✓ + E                      | ✓ + E  | ✓ + E                   | ✓  |
| ✓ + P1                     | ✓ + P1                                       | ✓ + P1                  | ✓  |
| ✓ + E + P1                 | ✓ + E + P1                                   | ✓ + E + P1              | ✓  |
| ✓ + P2                     | ✓ + P2                                       | ✓ + P2                  | ✓  |
| ✓ + E + P3                 | ✓ + E + P3                                   | ✓ + E + P3              | ✓  |
| ✓                          | ✓  | ✓                       | ✓  |
| ✓ + E + P3                 | ✓ + E + P3                                   | ✓ + E + P3              | ✓  |
| ✓ + E + P3                 | ✓ + E + P3                                   | ✓ + E + P3              | ✓  |
| ✓ + E                      | ✓ + E  | ✓ + E                   | ✓  |
| ✓ + E + P3                 | ✓ + E + P3                                   | ✓ + E + P3              | ✓  |

# Grouts



N&C recommend this product in this situation



This product can be used in this situation

E - Add Nicobond Enhancer 2002



Specifications

| Product                  | Flexible Grout Plus  | Tilers Grout                                   |
|--------------------------|--|--|
| Description              | A single part, flexible and water resistant polymer modified, cement based grout       | Grouting compound for ceramic tiles & mosaics  |
| Tiling Substrates        | Wall & Floor   | Wall & Floor                                   |
| Available Colours        | Black, Silver Grey, Cream, Slate Grey, White, Limestone, Mid Grey, Jasmine & Lt Coffee | White, Limestone, Ivory, Grey, Charcoal, Beige |
| Pot Time (approx)        | 45 - 60 min  | 60 min   |
| Setting Time (approx)    | 8 - 12 hrs   | 4 - 8 hrs                                      |
| Classification - EN12004 | CG2  | CG1  |
| Pack Size                | 10kg - 2.5kg   | 20kg - 10kg<br>5kg - 2.5kg - 1kg               |
| Suitable Joint Widths    |  |  |
| White & Light Colours    | 2 - 20mm   | Up to 4mm                                      |
| Grey & Dark Colours      | 2 - 20mm   | Up to 20mm                                     |

Recommended Area of Use

|                            |   |       |
|----------------------------|---|-------|
| Interior Wall Tiling       | ✓ | ✓     |
| Interior Floor Tiling      | ✓ | ✓     |
| Exterior Wall Tiling       | ✓ | ✓     |
| Exterior Floor Tiling      | ✓ | ✓     |
| Swimming Pools             | ✓ | ✓     |
| Increased Water Resistance | ✓ |       |
| Heated Floors              | ✓ | ✓ + E |
| Heavy Pedestrian Traffic   | ✓ | ✓ + E |
| Food Preparation Areas     |   |       |
| Tiles on Worktops          | ✓ |       |
| Tiles on Wooden Floors     | ✓ | ✓ + E |
| Tiles on to Plastic Ply    | ✓ | ✓ + E |
| Commercial Kitchens        | ✓ | ✓ + E |
| Commercial Showers         | ✓ | ✓ + E |
| Domestic Kitchens Walls    | ✓ | ✓     |
| Domestic Kitchens Floors   | ✓ | ✓ + E |
| Domestic Pumped Showers    | ✓ |       |
| Domestic Showers           | ✓ | ✓     |
| Chemical Resistance        |   |       |



✓ This product can be used in this situation

P1: Prime with Nicobond Primer diluted 1:4 with water.

P2: Prime with 2 coats Nicobond Primer applied at right angles to each other diluted 1: 3 with water

P3: Prime with undiluted (Neat) Nicobond Primer



|   | Product                                    | All Purpose   | Level Floor   | Latex  |
|---|--|---|---|--|
| Specifications                                      | Description                                | Rapid drying, rapid setting, 2 part, low odour, medium strength, self smoothing underlayment. | An economical fast setting, self smoothing underlayment, ideal for renovation work. | A conventional, 2 part, low odour self smoothing underlayment. |
|   | CT category                                | C16 F5  |   | C25 F7   |
|   | Working Life at 20°C                       | 10 mins   | 20 - 30 mins  | 30 mins  |
|   | Walk on hardness at 20°C                   | 30 - 45 mins  | 2 hrs   | 2 hrs  |
|   | Ready to fix ceramics at 3mm               | 45 mins   | 4 hrs   | 4 hrs  |
|   | Ready to fix resilient/LVT flooring at 3mm | 45 mins loose lay<br>3 - 4 hrs bonded   | 4 hrs loose lay<br>12 hrs bonded  | 12 hrs bonded  |
|   | Application Thickness (Min)                | 1mm   | 2mm   | 1- 8mm unfilled  |
|   | Application Thickness (Max)                | 10mm  | 50mm  | 30mm   |
|   | Can Granite Chips be added                 | No  | Yes   | Yes  |
|   | Coverage at 3mm per bag                    | 4 - 4.5m <sup>2</sup>   | 3.5 - 4m <sup>2</sup>   | 4.5m <sup>2</sup>  |
|   | Pack size (powder)                         | 20kg  | 20kg  | 20kg   |
|   | Pack size (liquid)                         | 4.8 litres  | N/A   | 4 litres   |
|   | Floor Surfaces                             | Protein Free  | ✓   | ✓  |
| Suitable for Pump Application                       |  |   | ✓   | ✓  |
| Power Floated Concrete                              |  | ✓ + P1  | ✓ + P1  | ✓ + P1   |
| Concrete/Cement Sand Screed Substrates              |  | ✓ + P1  | ✓ + P1  | ✓ + P1   |
| Cement Sand Screed                                  |  | ✓ + P1  | ✓ + P1  | ✓ + P1   |
| Cement Based Levelling Compound                     |  | ✓ + P1  | ✓ + P1  | ✓ + P1   |
| Calcium Sulphate Based Screed (Anhydrite)           |  | ✓ + P2  | ✓ + P2  | ✓ + P2   |
| Hard Internal Floor Grade Asphalt (sanded)          |  | ✓ + P3  | ✓ + P3  | ✓ + P3   |
| Underfloor Heating                                  |  | ✓   | ✓   | ✓  |
| Minimal Adhesive Residues on Solid Base             |  | ✓   | ✓ + P3  | ✓ + P3   |
| Plywood Overlays                                    |  |   |   | ✓  |
| Non-Absorbent Surfaces e.g. Terrazzo, Ceramic Tiles |  | ✓ + P3  |   | ✓ + P3   |
| Metal/Steel (non flexing, corrosion free & clean)   |  |   |   | ✓ + P3   |
| Floor Boards  |  |   |   | ✓ + P1   |
| Hard Vinyl Tiles                                    |  | ✓ + P3  |   | ✓ + P3   |
| Nicobond Surface DPM'S                              |  | ✓ + P3  |   | ✓ + P3   |
| Typical areas of use                                |  |   | ✓   |  |
| Commercial  |  | ✓   | ✓   | ✓  |
| Industrial  |  | ✓   | ✓   | ✓  |
| Hospitals   |  | ✓   | ✓   | ✓  |
| Schools   | ✓  | ✓   | ✓   |  |





This product can be used in this situation

- +P4 Apply a slurry bonding coat comprising
- 2 parts ScreedPro Cement Mix
- 1 part Nicobond Primer
- 1 part clean cold water



Specifications

| Product                  | Cement Mix  | Cement Mix                | Cement Mix                |
|--------------------------|---|---------------------------|---------------------------|
| Description              | Nicobond ScreedPro Cement Mix is a specially formulated cement replacement binder for use with graded aggregate to produce rapid setting and ultra rapid drying floors screeds. Screeds produced using ScreedPro Cement Mix can be tiled after 3 hours and ready to accept a levelling compound prior to installing resilient flooring from 18 hours. |                           |                           |
| Mix Ratio by Weight      | 1:4   | 1:5.5                     | 1:7                       |
| CT category              | C50 F11   | C38 F8.5                  | C25 F6                    |
| Working Time             | 20 - 30 mins  | 25 - 35 mins              | 30 - 45 mins              |
| Walk on Time             | 2 - 3hrs  | 2 - 3hrs                  | 3 - 4hrs                  |
| Ready for Floor Covering | From 3hrs   | From 3hrs                 | From 3hrs                 |
| Graded Aggregate 0 – 8mm | 1.7kg/m <sup>2</sup> /mm  | 1.8kg/m <sup>2</sup> /mm  | 1.9kg/m <sup>2</sup> /mm  |
| Mixing Time              | 4 - 6 minutes   | 5 – 7 minutes             | 6 – 8 minutes             |
| Coverage                 | 0.42kg/m <sup>2</sup> /mm   | 0.33kg/m <sup>2</sup> /mm | 0.27kg/m <sup>2</sup> /mm |
| Pack size (powder)       | 20kg  | 20kg                      | 20kg                      |

Floor Surfaces Minimum Thickness

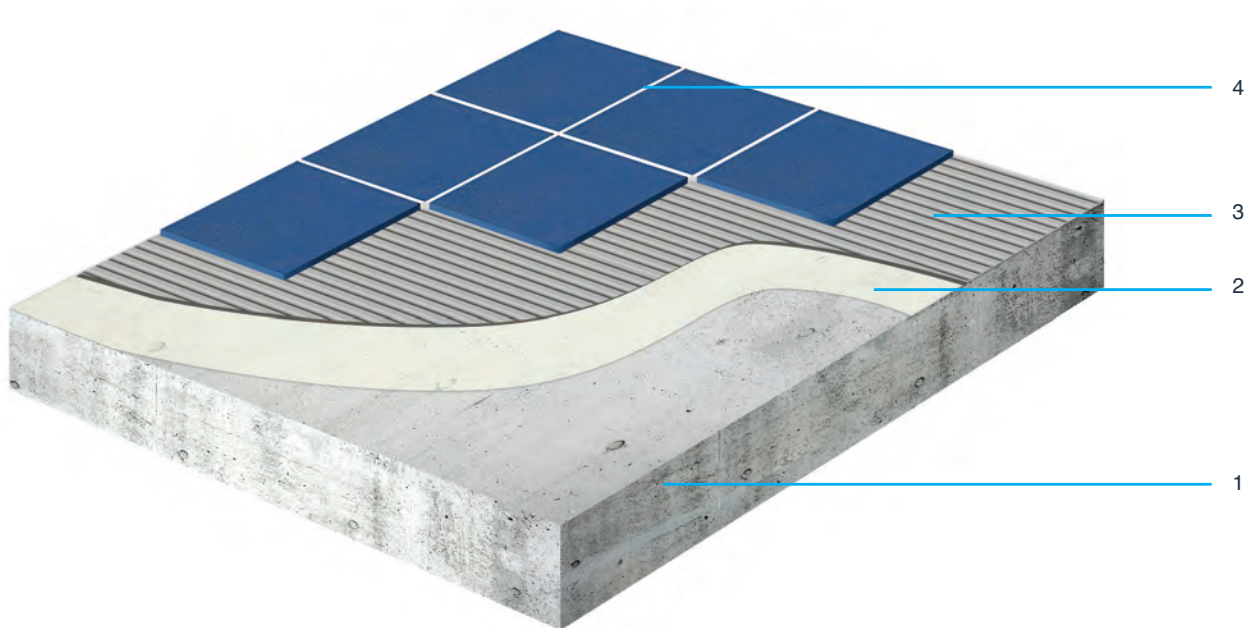
|  |          |          |          |
|--|----------|----------|----------|
| Suitable for Pump Application                                  | ✔        | ✔        | ✔        |
| Bonded Screeds   | 15mm +P4 | 15mm +P4 | 15mm +P4 |
| Unbonded Screeds   | 40mm     | 40mm     | 40mm     |
| Floating screeds over insulation or slip membrane - Domestic   | 65mm     | 65mm     | 65mm     |
| Floating screeds over insulation or slip membrane - Commercial | 75mm     | 75mm     | 75mm     |
| Underfloor Heating   | ✔        | ✔        | ✔        |
| Typical areas of use   |          |          |          |
| Commercial   | ✔        | ✔        | ✔        |
| Industrial   | ✔        | ✔        | ✔        |
| Hospitals  | ✔        | ✔        | ✔        |
| Schools  | ✔        | ✔        | ✔        |

## Tiling Solutions

Nicobond are becoming increasingly well known in the industry as problem solvers. From the earliest days as inventors of Nicobond PVA based wall tile cement, Nicobond continues to invest in new technologies and tiling systems. In this section of our directory we provide numerous illustrated solutions covering a wide variety of everyday tile installations.



## Tiling onto Sand:Cement Screed/Concrete



1. Ensure sand:cement screed or concrete base is fully cured, flat and clean.
2. If the base is porous, prime with diluted Nicobond Primer in ratio 4 volumes of water to 1 volume of Nicobond Primer and allow to dry.
3. Solidly bed tiles into recommended adhesive 3-6mm deep using slight sliding action. Allow to dry to recommended time.
4. Fill joints between tiles using recommended grout.

\* Allow at least 6 weeks for structural concrete floors to cure and further 3 weeks for subsequently applied screed. In the event that a rapid setting cement replacement is used the drying time of screed will be greatly reduced. Contact the Technical Team for further information

### Recommended Tile Adhesives



Nicobond  
Rapidflex  
S2



Nicobond  
Quickflex S1



Nicobond  
Large Format  
Flex S1

### Recommended Tile Grout



Nicobond  
Flexible Grout Plus



Nicobond  
Tilers Grout

### Featured Product

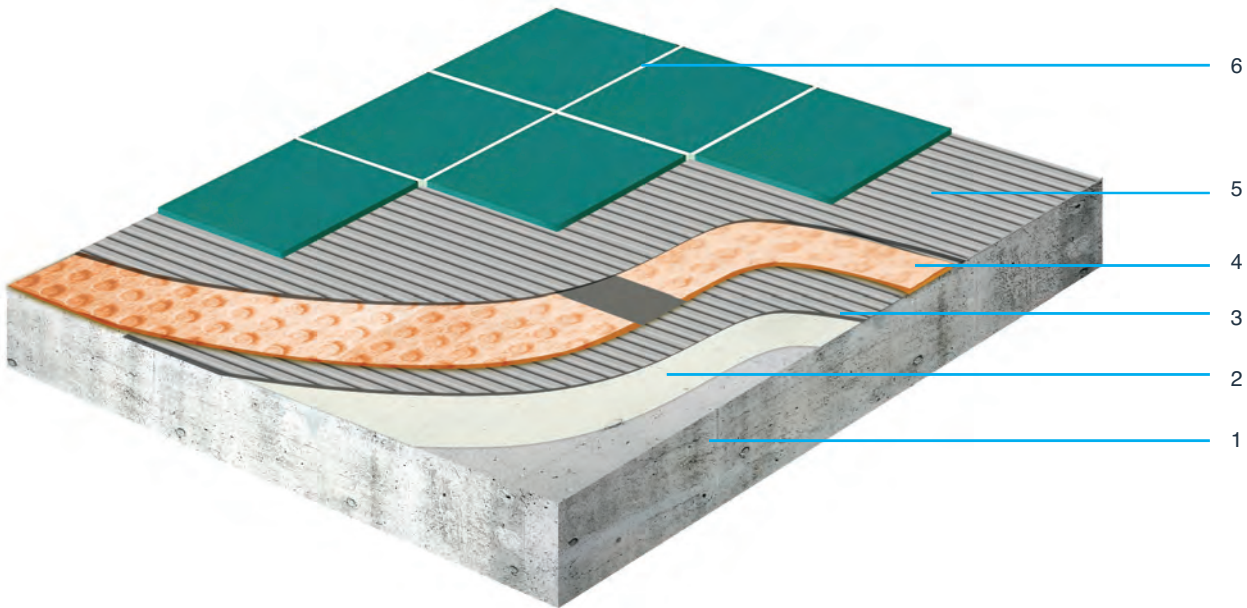


Nicobond Primer

Alternative Adhesives:  
 Nicobond Standard Set Flex S1  
 Nicobond Ecoflex S1  
 Nicobond Rapid Tile & Stone

Alternative Grouts:  
 Nicobond Tilers Grout/Enhancer 2002  
 Nicobond Starlike Grout

## Tiling onto a Cracked Floor or Green Screed\*



1. Ensure sand:cement screed or concrete base is fully cured, flat and clean.
2. If the base is porous, prime with diluted Nicobond Primer in ratio 4 volumes of water to 1 volume of Nicobond Primer and allow to dry.
3. Using a 4mm notched trowel, apply a thin layer of a C2 S1 tile adhesive to the surface and lightly comb through.
4. Whilst the adhesive is still wet, press the Nicobond D-Mat 3L firmly into position. Use a float or similar flat trowel to smooth out and ensure the fleece is embedded into the adhesive. Butt joint the adjacent lengths of the mat and secure together with Nicobond Jointing Tape.
5. Apply a layer of the recommended C2 S1 category adhesive onto the Nicobond D-Mat 3L using the straight edge of the notched trowel, press the adhesive firmly into the round cavities to create a solid bed. The adhesive can then be floated over the surface, notched with a trowel and tiles placed firmly into position.
6. Fill joints between tiles using the recommended grout.

\* Allow at least 6 weeks for structural concrete floors to cure and further 3 weeks for subsequently applied screed.

\* For fast track applications the Nicobond D-Mat 3L can be laid on to the screed as soon as it is sufficiently hard to walk on and then tiled.

\* D-Mat 3L is suitable for application over surface cracks, any structural cracks should be suitably surveyed and repaired accordingly.

\* Nicobond Rapidflex Fibre S2 only recommended for tiling to green screed.

### Recommended Tile Adhesives



Nicobond Rapidflex Fibre S2



Nicobond Flexible Fibre S1



Nicobond Rapidflex S1

### Recommended Tile Grout



Nicobond Flexible Grout Plus



Nicobond Starlike Extreme Performance Grout

### Featured Product



Nicobond D-Mat 3L

### Alternative Adhesives:

Nicobond Quickfex S1

Nicobond Standard Set Flex S1

### Alternative Grouts:

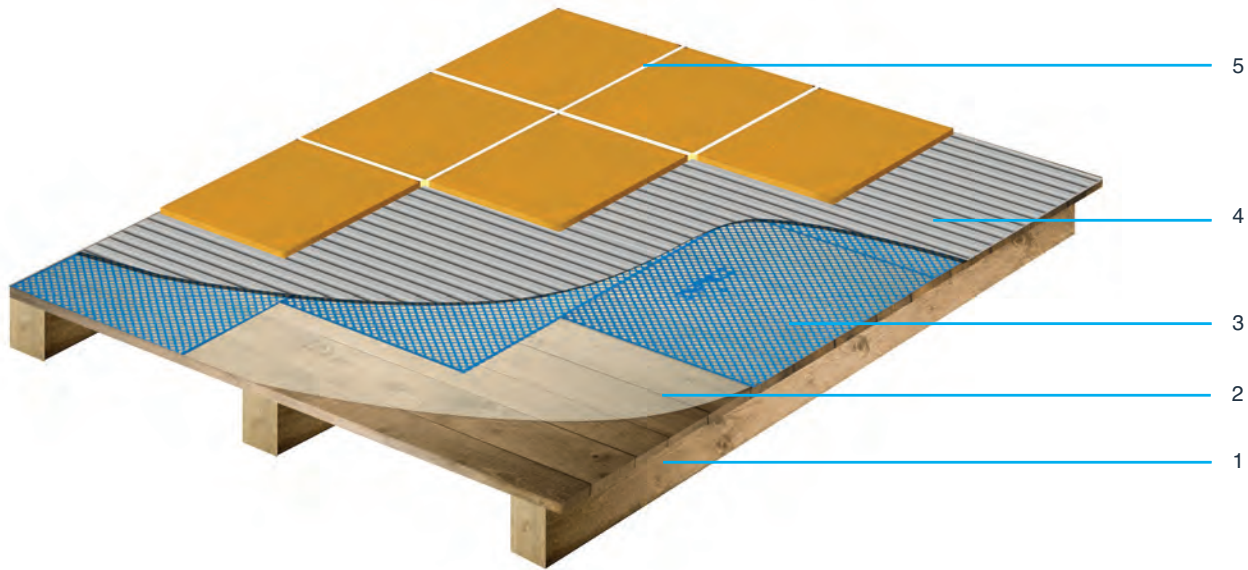
Nicobond Tilers Grout/Enhancer 2002

### Other Featured Products

Nicobond Primer

Nicobond Jointing Tape

# Tiling onto Timber Floors using a Timber Reinforcing Sheet



1. Ensure that the timber floorboards or chipboard/plywood is screwed down at a maximum of 300mm centres.
2. Prime the timber surfaces with diluted Nicobond Universal Bonding Agent & Sealer and allow to dry.
3. To reduce deflection and increase stability, overlay the timber floor with Nicobond PlasticPly™ in a brick like formation. Remove the backing sheet for self adhesive fixing.
4. Solidly bed tiles into recommended adhesive 3-6mm deep using slight sliding action. Allow to dry to recommended time.
5. Fill joints between tiles using the recommended grout.

\* Timber is not considered to be a suitable base for floor tiling in wet, frequently damp, or high humidity areas, unless appropriate precautions are taken (BS 5385-4). Noggins might be required between joists in order to achieve the required rigidity. The limit of deflection normally permitted for domestic timber floors (see BS 5268-2) might be too great to avoid damage to tiling systems.

\* Nicobond Plastic Ply is not a suitable remedy for direct tiling to floating floors, these require additional strengthening through overboarding, seek technical advice.

## Recommended Tile Adhesives



Nicobond Rapidflex Fibre S2



Nicobond Rapidflex S1



Nicobond Flexible Fibre S1

## Recommended Tile Grout

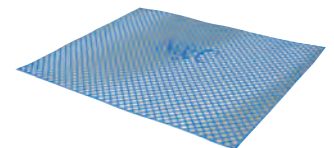


Nicobond Flexible Grout Plus



Nicobond Starlike Extreme Performance Grout

## Featured Product



Nicobond PlasticPly™

Alternative Adhesives:  
 Nicobond Large Format Flex S1  
 Nicobond Quickflex S1  
 Nicobond Standard Set Flex S1

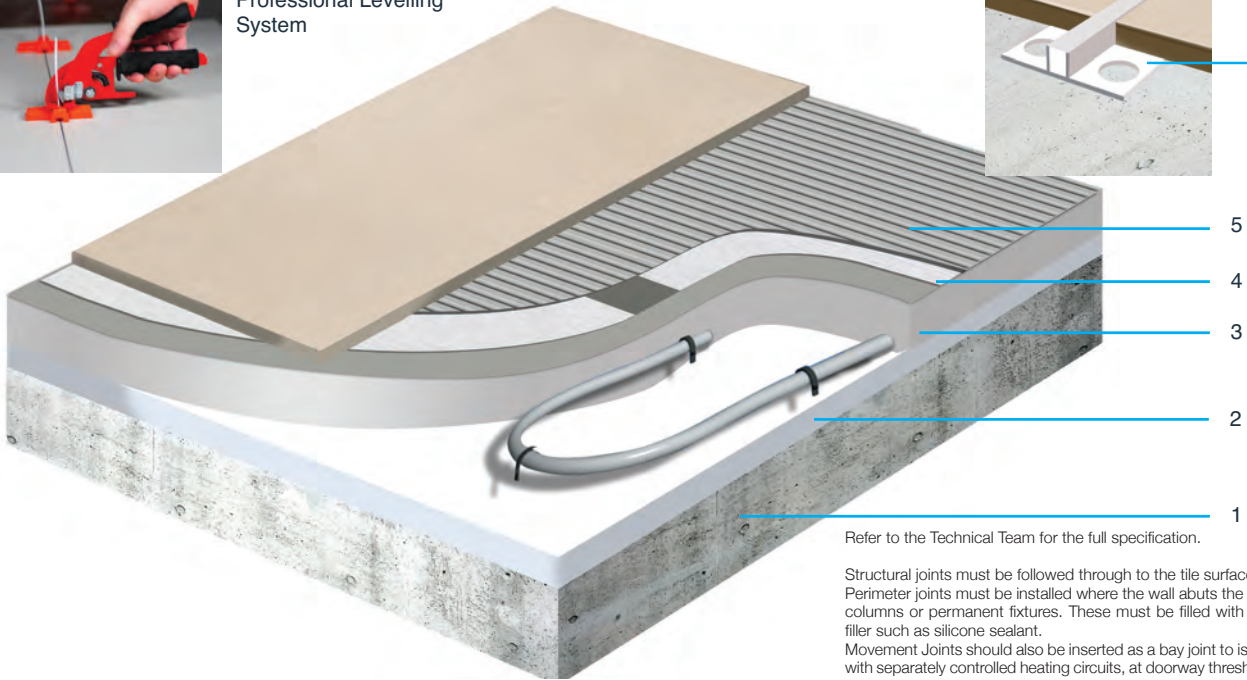
Alternative Grouts:  
 Nicobond Tilers Grout/Enhancer 2002

Other Featured Products  
 Universal Bonding Agent and Sealer

# Installation of Large Format Tiles over in-situ Underfloor Heated Floors



6. Nicobond Professional Levelling System



Refer to the Technical Team for the full specification.

Structural joints must be followed through to the tile surface. Perimeter joints must be installed where the wall abuts the floor and around any columns or permanent fixtures. These must be filled with a compressible joint filler such as silicone sealant. Movement Joints should also be inserted as a bay joint to isolate areas of screed with separately controlled heating circuits, at doorway thresholds and at junctions between heated and unheated sections of the screed.

Fix large format tiles of a minimum thickness of 10mm and typically in sizes 800mm x 800mm, 900mm x 450mm, 1000mm x 1000mm, 1200mm x 600mm and 1200mm x 1200mm.

1. Ensure the concrete base is fully cured, flat and clean.
2. Insulation layer and heating system
3. Ensure the screed is fully cured, flat and clean.
4. Loose lay the Nicobond Disconnecting Sheet onto the screed surface and tape over joints with Nicobond Jointing Tape.
5. Tiles should be back buttered and solidly bedded into the adhesive layer to ensure there are no voids beneath the tiles.
6. The Nicobond Professional Levelling System should be used to ensure tiles are flat and level.
7. Fill joints between tiles using the recommended Grout.
8. Intermediate movement joints should be installed to ensure the bay sizes are not greater than 80m<sup>2</sup>, are square or rectangular and with the width to length ratio not exceeding 10 to 8.

\* Allow at least 6 weeks for structural concrete floors to cure and further 3 weeks for subsequently applied screed.

\* Large Format Agglomerate Tiles may be unsuitable for service conditions. Check with manufacturer before use.

## Recommended Tile Adhesives



Nicobond Large Format Flex S1



Nicobond Rapidflex Fibre S2



Nicobond Flexible Fibre Adhesive S1

## Recommended Tile Grout



Nicobond Flexible Grout Plus



Nicobond Tilers Grout

## Featured Product



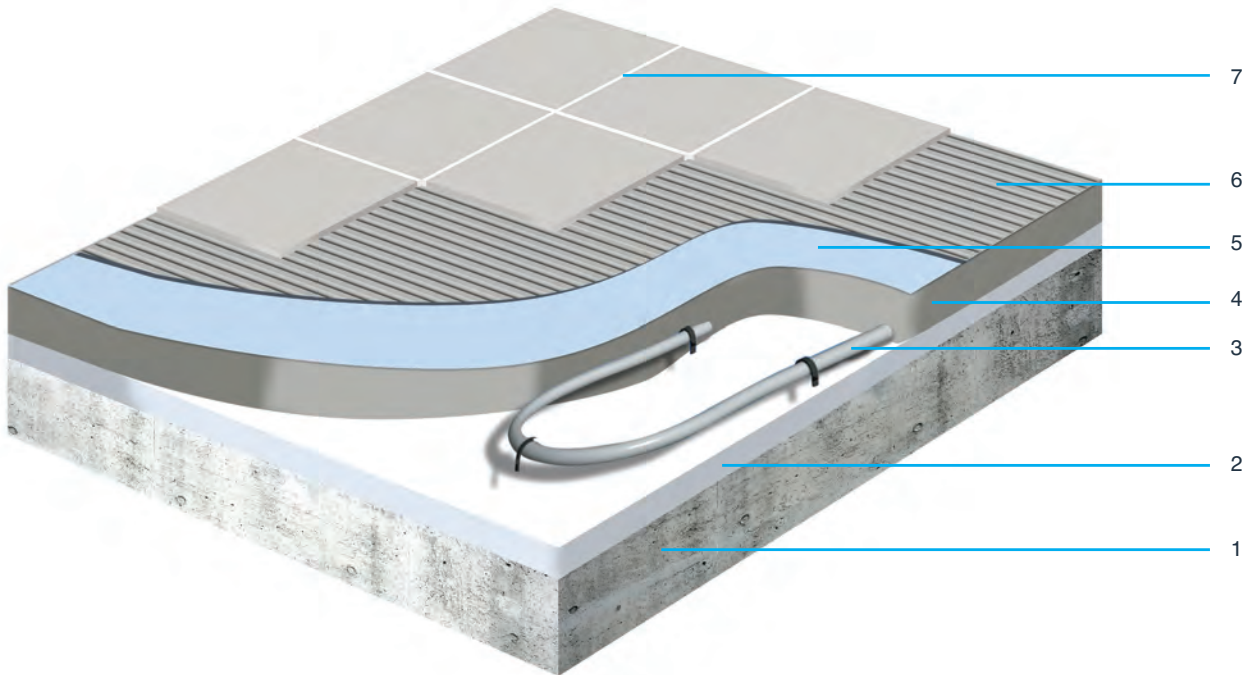
Nicobond Professional Levelling System

Alternative Adhesives:  
 Nicobond Rapidflex S1  
 Nicobond Xtra Tile & Stone/Enhancer 2002

Alternative Grouts:  
 Nicobond Tilers Grout/Enhancer 2002  
 Nicobond Starlike Extreme Performance Grout

Other Featured Products  
 Nicobond Disconnecting Sheet  
 Nicobond Jointing Tape  
 Nicobond Movement Joints

## Tiling to Sand: Cement Screed with in-situ Underfloor Heating



1. Ensure the concrete base is fully cured, flat and clean.
2. Apply a 30mm Insulation layer and cover with polythene slip membrane/damp proof membrane (DPM)
3. Heating pipes tied to mesh or stapled to insulation at 250mm centres.
4. Apply a 65mm layer of screed.
5. If necessary, prime with diluted Nicobond Primer and allow to dry.
6. Solidly bed tiles into recommended adhesive 3-6mm thick, using slight sliding action.
7. Fill joints between tiles using recommended grout

\* Screed to be allowed to dry out for minimum of 3 weeks. (In the event that a rapid setting cement replacement is used the drying time of screed will be greatly reduced. Refer to the Technical Team for further information) Heat the floor to intended surface temperature and maintain for a minimum of 3 days, allow to cool to room temperature before tiling. Allow 28 days after completion before restoring the floor to its operating temperature at a rate of 5°C per day.

### Recommended Tile Adhesives



Nicobond  
Rapidflex  
S1



Nicobond  
Large Format  
Flex S1



Nicobond  
Flexible Fibre  
Adhesive S1

### Recommended Tile Grout



Nicobond  
Flexible Grout Plus



Nicobond  
Starlike Extreme  
Performance Grout

### Featured Product

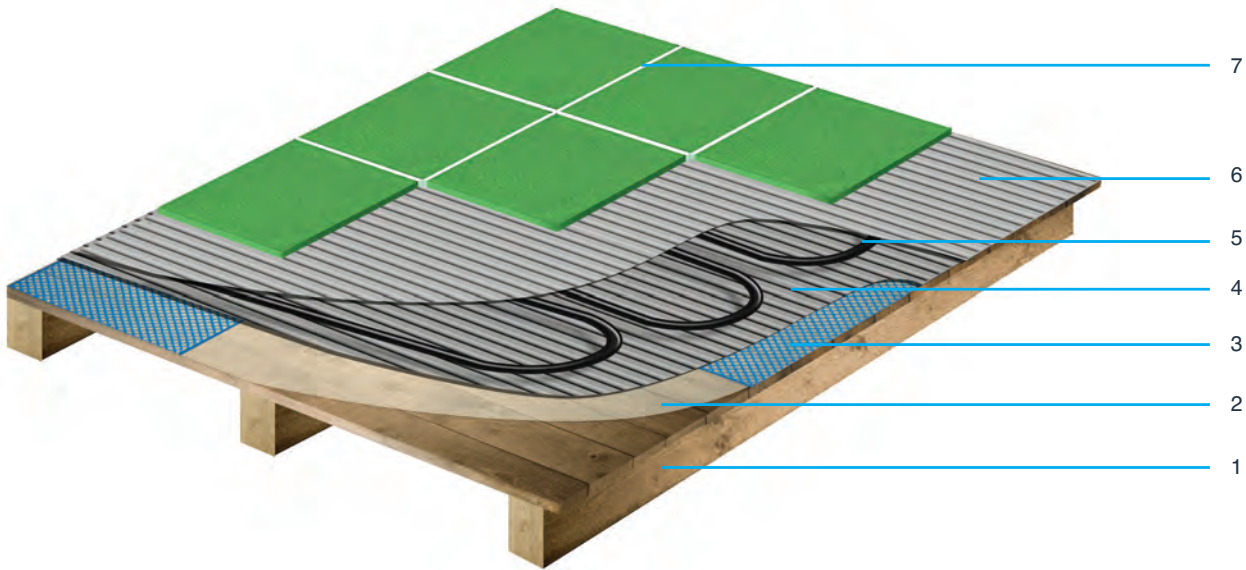


Nicobond Primer

Alternative Adhesives:  
Nicobond Quickflex S1  
Nicobond Ecoflex S1

Alternative Grouts:  
Nicobond Tilers Grout/Enhancer 2002

## Tiling onto Timber Floors with Undertile Heating



1. Ensure that the timber floorboards or chipboard/plywood is screwed down at a maximum of 300mm centres.
2. Prime the timber surfaces with diluted Nicobond Universal Bonding Agent & Sealer and allow to dry.
3. To reduce deflection and increase stability, overlay the timber floor with Nicobond Plastic Ply in a brick like formation. Remove the backing sheet for self adhesive fixing.
4. Using the straight edge of a notched trowel, float a layer of recommended adhesive over the Nicobond Plastic Ply to ensure the voids are filled in to produce a smooth surface.
5. Lay out the undertile heating wire or mat and tape into position.
6. To prevent damage to the wires during the tiling process, it is recommended to encapsulate the wires in a layer of either Nicobond ScreedPro Latex or the appropriate tile adhesive.
7. Bed the tiles in to the appropriate adhesive and fill joints between tiles using the recommended grout.

\* Timber is not considered to be a suitable base for floor tiling in wet, frequently damp, or high humidity areas, unless appropriate precautions are taken (BS 5385-4).

Noggins might be required between joists in order to achieve the required rigidity. The limit of deflection normally permitted for domestic timber floors (see BS 5268-2) might be too great to avoid damage to tiling systems.

### Recommended Tile Adhesives



Nicobond Rapidflex Fibre S2



Nicobond Flexible Fibre S1



Nicobond Rapidflex S2

### Recommended Tile Grout

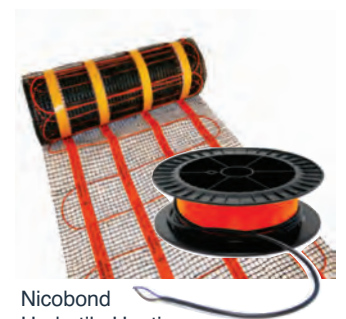


Nicobond Flexible Grout Plus



Nicobond Starlike Extreme Performance Grout

### Featured Product



Nicobond Undertile Heating

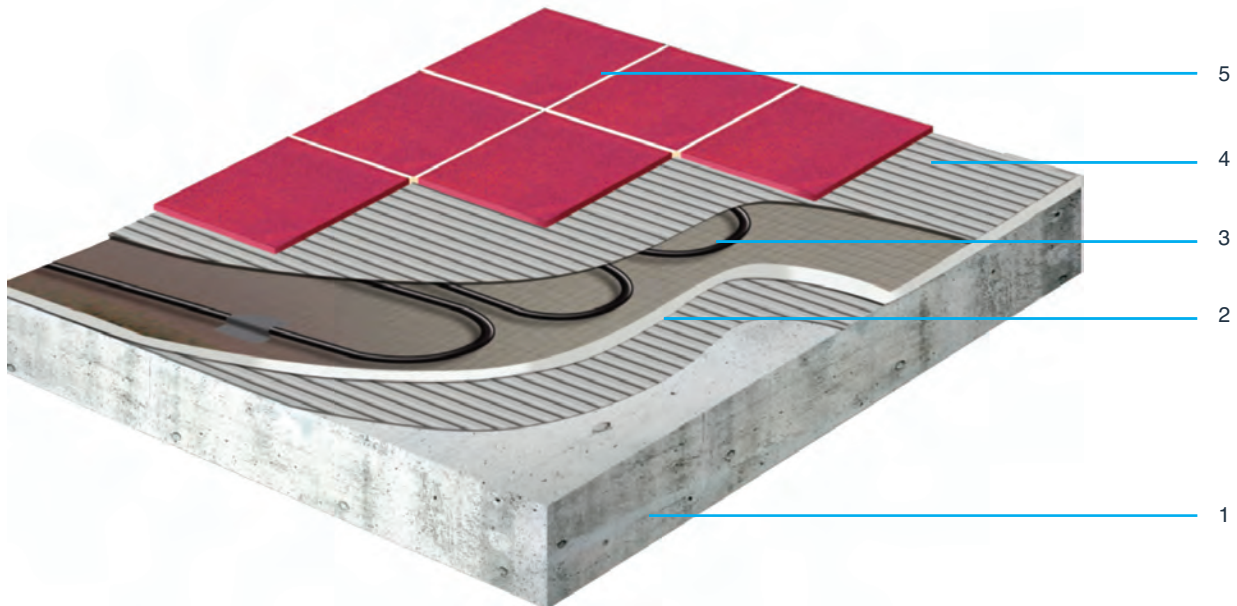
Alternative Adhesives:  
 Nicobond Ecoflex S1  
 Nicobond Quickflex S1  
 Nicobond Standard Set Flex S1

Alternative Grouts:  
 Nicobond Tilers Grout/Enhancer 2002

Other Featured Products  
 Nicobond Plastic Ply



## Tiling onto Sand:Cement Screed with Undertile Heating



1. Ensure the sand:cement screed or concrete is fully cured, flat and clean.
2. To improve heating performance, we recommend using minimum of 10mm Nicobond Tile Backer Board as an insulation layer. Adhere the tile backer board directly onto the concrete/sand:cement screed using the recommended adhesive and allow to dry.
3. Lay out the wire and tape in position.
4. Apply a layer of the recommended adhesive to fully encapsalate the wires and cover with a layer of either Nicobond ScreedPro Latex with Latex Flex Liquid or the appropriate tile adhesive.
5. Bed the tiles in to the appropriate adhesive and fill joints between tiles using the recommended grout.

- \* Allow at least 6 weeks for structural concrete floors to cure and further 3 weeks for subsequently applied screed. In the event that a rapid setting cement replacement is used the drying time of screed will be greatly reduced. Refer to the Technical Team for further information.
- \* The tile adhesive must be fully dry (minimum 7 days) before the heating is switched on.
- \* The recommended 10mm Tile Backer Board is the minimum to be used. Improved insulation will result from the use of thicker boards. Consult technical team for insulation properties of different board thicknesses.

### Recommended Tile Adhesives

### Recommended Tile Grout

### Featured Product



Nicobond  
Rapidflex  
S1



Nicobond  
Large Format  
Flex S1



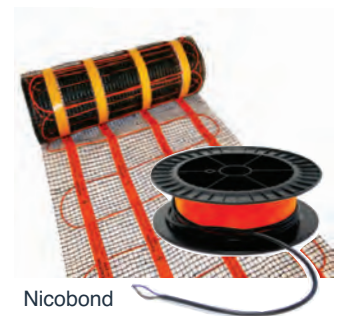
Nicobond  
Flexible Fibre  
S1



Nicobond  
Flexible Grout Plus



Nicobond  
Starlike Extreme  
Performance Grout



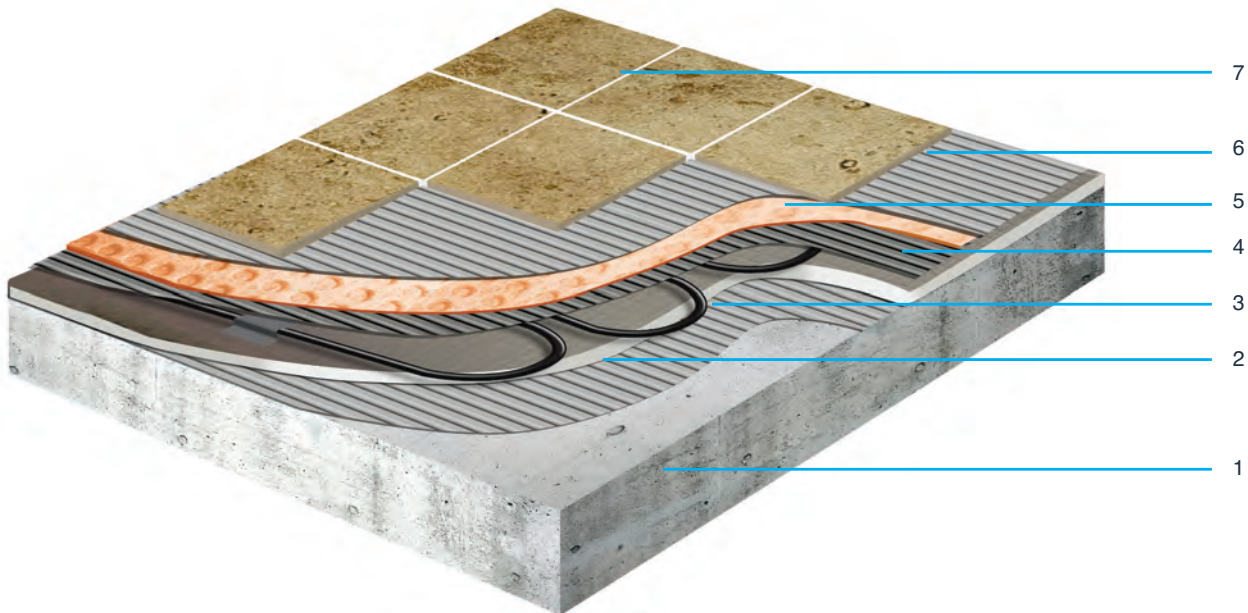
Nicobond  
Undertile Heating

Alternative Adhesives:  
Nicobond Quickflex S1  
Nicobond Ecoflex S1

Alternative Grouts:  
Nicobond Tilers Grout/Enhancer 2002

Other Featured Products  
Nicobond Tile Backer Board

## Fixing Natural Stone to Sand:Cement Screed/Concrete with Undertile Heating



1. Ensure the sand:cement screed or concrete is fully cured, flat and clean.
2. To provide insulation, use the recommended adhesive and affix a minimum 10mm thick layer of Nicobond Tile Backer Board. Tape over the joints with Nicobond Jointing Tape.
3. Lay out the Undertile Heating Wire or Mat and tape into position.
4. Cover the wires with a layer of the recommended adhesive.
5. Whilst the adhesive is still wet, press the Nicobond D-Mat 3L firmly into position. Use a float or similar flat trowel to smooth out and ensure the fleece is embedded into the adhesive. Butt joint the adjacent lengths of the mat and secure together with Nicobond Jointing Tape.
6. Apply a layer of the recommended adhesive onto the Nicobond D-Mat 3L using the straight edge of the notched trowel, press the adhesive into the round cavities to create a solid bed. The adhesive can then be floated over the surface, notched with a trowel and tiles placed firmly into position. Tiles can be installed immediately once the initial adhesive set has taken place.
7. Fill joints between tiles using the recommended grout.

\* Allow at least 6 weeks for structural concrete floors to cure and further 3 weeks for subsequently applied screed.

\* The recommended 10mm Tile Backer Board is the minimum to be used. Improved insulation will result from the use of thicker boards. Consult technical team for insulation properties of different board thicknesses.

### Recommended Tile Adhesives



Nicobond Rapid Tile & Stone

Nicobond Xtra Tile & Stone

Nicobond Large Format Flex S1

### Recommended Tile Grout



Nicobond Flexible Grout Plus

Nicobond Tilers Grout

### Featured Product



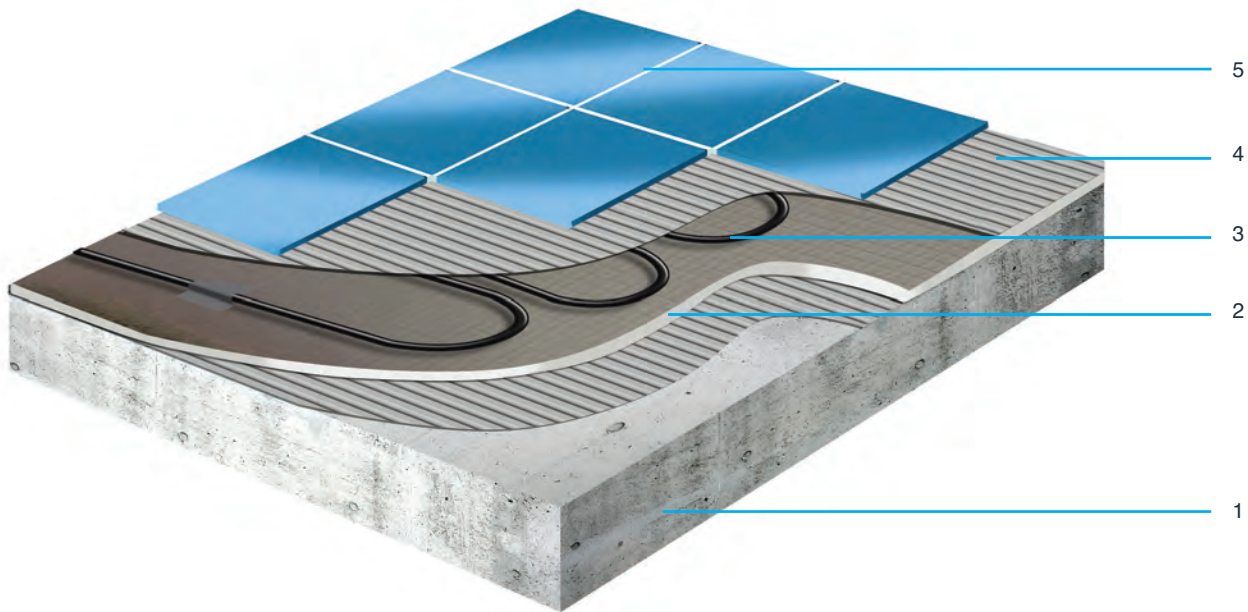
Nicobond D-Mat 3L

Alternative Adhesives:  
 Nicobond Rapidflex Fibre S2  
 Nicobond Ecoflex S1  
 Nicobond Quickflex S1

Alternative Grouts:  
 Nicobond Tilers Grout/Enhancer 2002

Other Featured Products  
 Nicobond Tile Backer Board  
 Nicobond Undertile Heating

# Fixing Glass Tiles to Sand:Cement Screed/Concrete Floors with Undertile Heating



1. Ensure the sand:cement screed or concrete is fully cured, flat and clean.
2. To improve heating performance, we recommend using minimum of 10mm Nicobond Tile Backer Board as an insulation layer. Adhere the tile backer board directly onto the concrete/sand:cement screed using the recommended adhesive and allowed to dry.
3. Lay out the wire and tape in position.
4. Spread the adhesive over the wires and boards and solidly bed porcelain tiles into recommended adhesive 3-6mm thick.
5. Fill joints between tiles using recommended grout.

\* Allow at least 6 weeks for structural concrete floors to cure and further 3 weeks for subsequently applied screed. In the event that a rapid setting cement replacement is used the drying time of screed will be greatly reduced. Contact the Technical Team for further information.  
 \* The tile adhesive must be fully dry (minimum 7 days) before the heating is switched on.  
 \* Note that an Undertile Heating Mat system is also available for professional use. Refer to Nicobond Tiling Products The Directory for information.

## Recommended Tile Adhesives



Nicobond Flexible Fibre S1

Nicobond Standard Set Flex S1

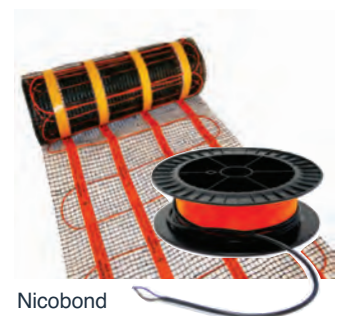
## Recommended Tile Grout



Nicobond Flexible Grout Plus

Nicobond Starlike Extreme Performance Grout

## Featured Product



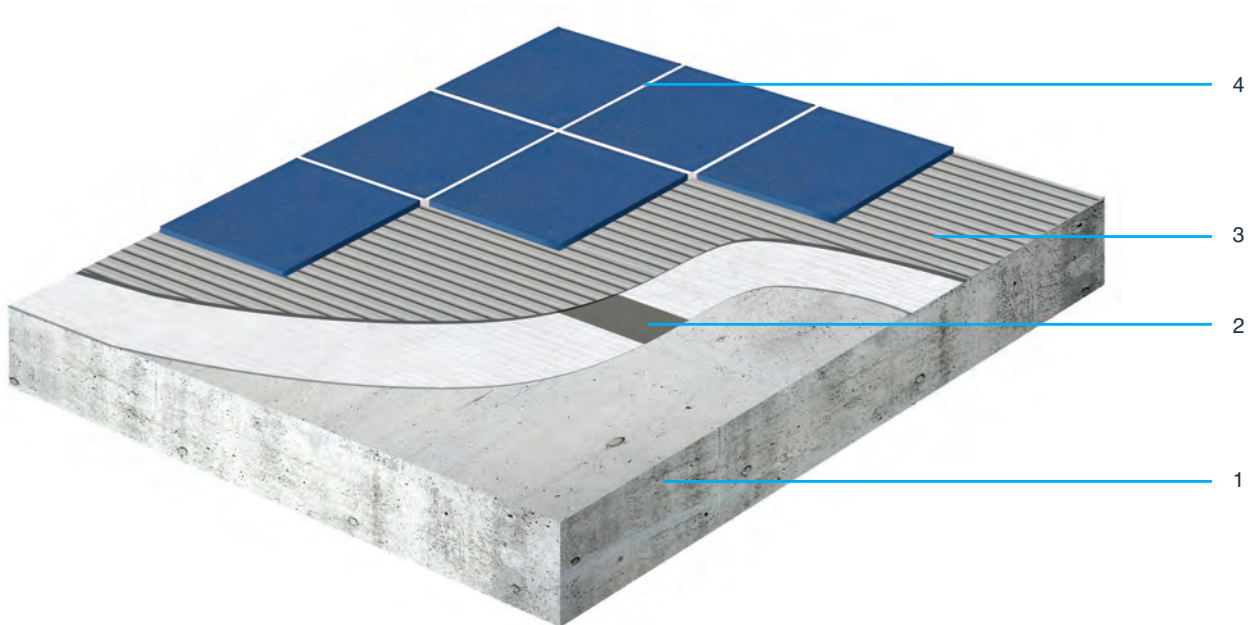
Nicobond Undertile Heating

Alternative Adhesives:  
 Nicobond Xtra Tile & Stone/Enhancer 2002

Alternative Grouts:  
 Nicobond Tilers Grout/Enhancer 2002

Other Featured Products  
 Nicobond Tile Backer Board

## Tiling onto Surface Contaminated Sand: Cement Screed/Concrete or Temporary Installations



1. Ensure the sand:cement screed or concrete is fully cured, flat and clean.
2. Loose lay the Nicobond Disconnecting Sheet onto the screed surface and tape over joints with Nicobond Jointing Tape.
3. Tiling can commence immediately. Press the tiles into the recommended adhesive with a slight sliding or twisting action. Large format tiles should be back buttered.
4. Fill joints between tiles using the recommended Grout.

\* Allow at least 6 weeks for structural concrete floors to cure and further 3 weeks for subsequently applied screed.

### Recommended Tile Adhesives



Nicobond  
Rapidflex  
S1



Nicobond  
Large Format Flex  
S1

### Recommended Tile Grout



Nicobond  
Flexible Grout Plus



Nicobond  
Tilers Grout

### Featured Product



Nicobond  
Disconnecting Sheet

### Alternative Adhesives:

Nicobond Xtra Tile & Stone/Enhancer 2002  
Nicobond Rapid Tile & Stone/Enhancer 2002  
Nicobond Ecoflex S1

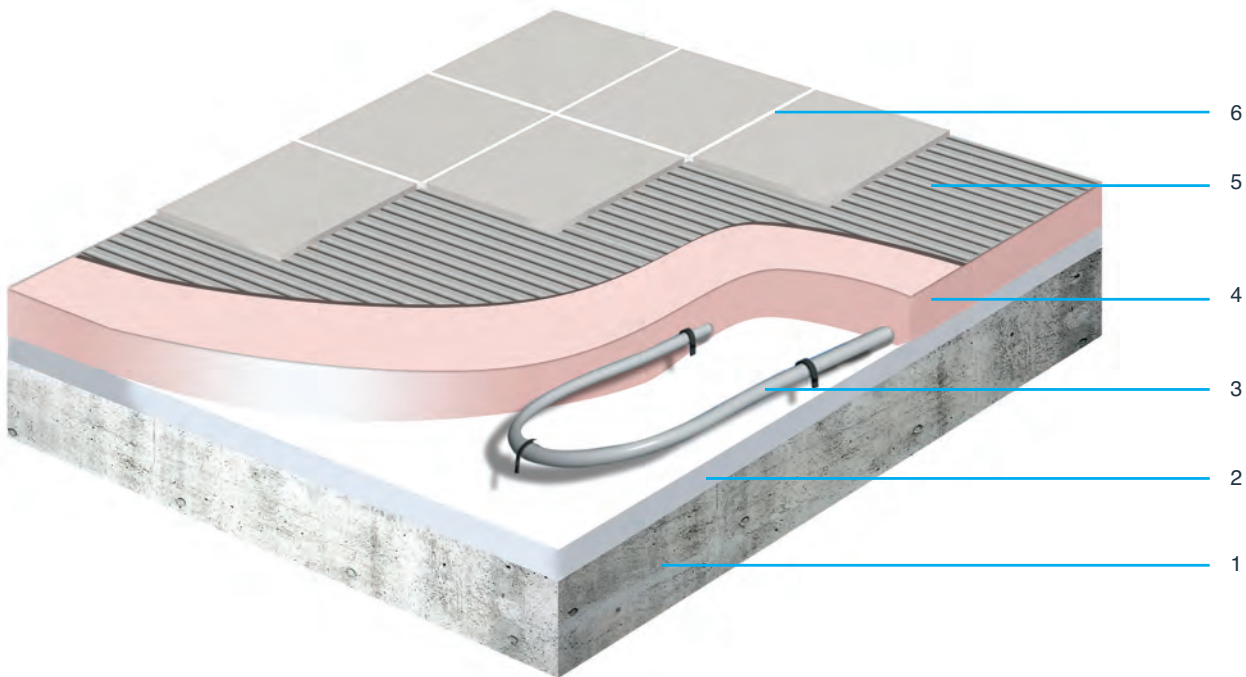
### Alternative Grouts:

Nicobond Tilers Grout/Enhancer 2002  
Nicobond Starlike Extreme Performance Grout

### Other Featured Products

Nicobond Jointing Tape

## Tiling onto Calcium Sulphate/Anhydrite Screeds in Light Commercial Traffic Areas



1. Ensure the concrete base is fully cured, flat and clean.
2. Apply an Insulation layer and cover with polythene slip membrane/damp proof membrane (DPM)
3. In-situ underfloor heating system.
4. Calcium Sulphate/Anhydrite Screed – minimum cover over pipes is 30mm.
5. Using a digital/hair hygrometer ensure the screed is sufficiently dry and that the surface has been suitably prepared. Refer to the Nicobond Gypfix data sheet for full instructions. Apply a layer of Nicobond Gypfix onto the surface and trowel out as usual ensuring solid bedding of the tiles. Large format tiles should be back buttered.
6. Fill joints between tiles using the recommended grout.

\* Calcium Sulfate/Anhydrite Screeds are not suitable for permanently wet areas such as swimming pool surrounds, shower areas or commercial kitchens.

\* The screed should be suitably prepared to receive floor tiling. 40mm thick Anhydrite Screed requires typically 40 days drying time. Moisture content of Anhydrite Screed should be 0.5% by weight or 75% R.H. It is generally the responsibility of the flooring contractor to mechanically abrade the screed to remove laitance, if in doubt this process should be carried out by the tiling contractor, this will ensure removal of laitance and any dirt left by other trades. Vacuum dust or other loose material.

### Recommended Tile Adhesives



Nicobond  
Gypfix

### Recommended Tile Grout



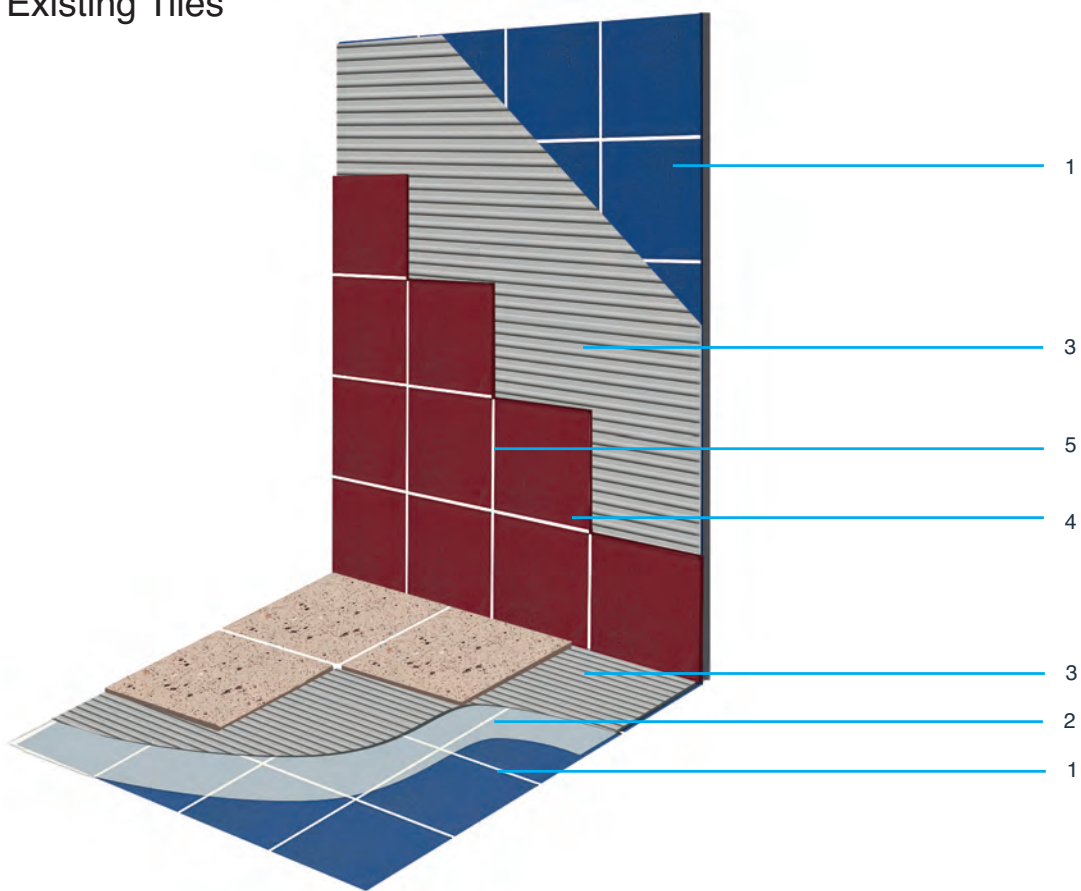
Nicobond  
Flexible Grout Plus



Nicobond  
Starlike Extreme  
Performance Grout

Alternative System:  
Nicobond Primer  
Nicobond Rapidflex S1  
Nicobond D-Mat 3L

## Tiling onto Existing Tiles



1. Thoroughly clean tiles to remove dirt, grease, fats or any other contamination. Nicobond Super Cleaning Crystals are a detergent and should be diluted in hot water for this purpose. Ensure existing tiles are firmly bonded to substrate.
2. Existing unglazed or terrazzo floor tiles may be slurry primed incorporating Nicobond Primer and the recommended adhesive.
3. Spread the recommended adhesive over the existing tiles and fix new tiles using the notched trowel or solid bed method as appropriate.
4. Fix new wall tiles with recommended paste or powder based adhesives. Fix floor tiles with the recommended powder based products.
5. Fill joints between tiles using recommended grout.

\* When fixing tiles to impervious backgrounds such as existing tiles the setting time of adhesives will be extended.

\* When re-tiling walls, ensure the overall weight of tiling does not exceed the permitted levels of 32kg/m<sup>2</sup> for plasterboard and 20kg/m<sup>2</sup> for gypsum plaster.

\* Paste adhesive is only suitable for wall tile applications and for use with ceramic bodied tiles.

### Recommended Tile Adhesives

### Recommended Tile Grout

### Featured Product



Nicobond  
Rapidflex  
S1



Nicobond  
Ultragrip



Nicobond  
Aquagrip



Nicobond  
Flexible Grout Plus



Nicobond  
Starlike Extreme  
Performance Grout



Nicobond Primer

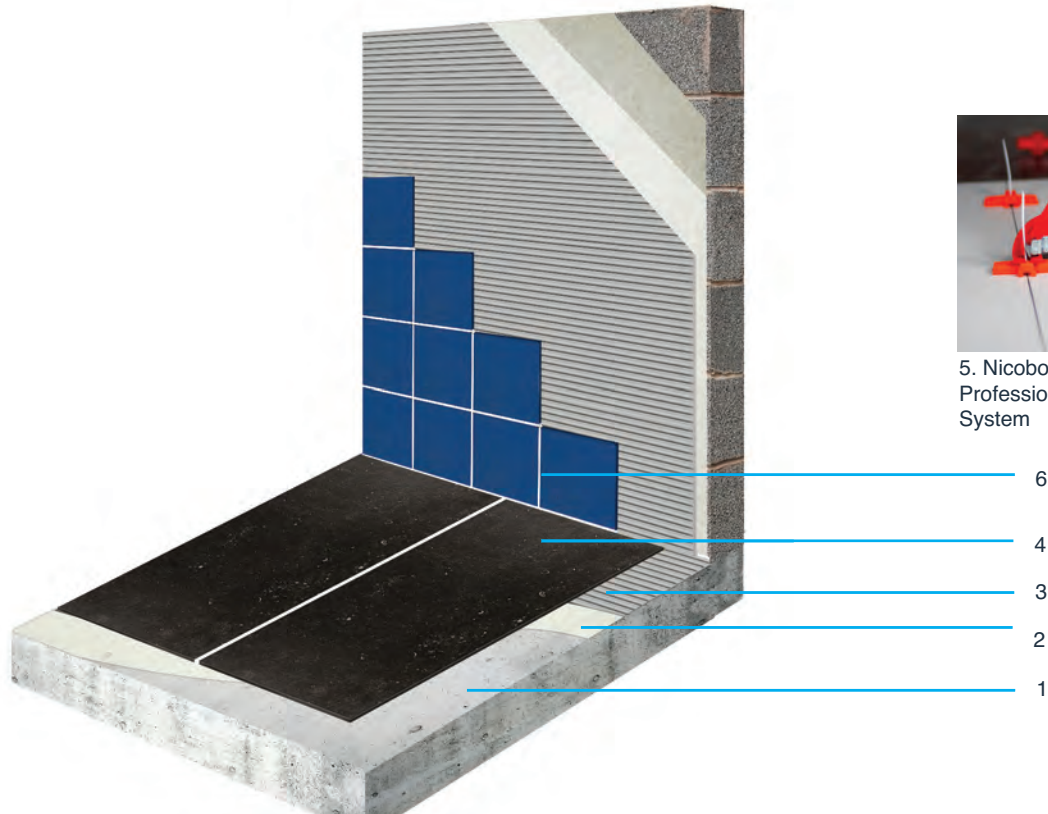
### Alternative Adhesives:

Nicobond Xtra Tile & Stone/Enhancer 2002  
Nicobond Fast Floor and Wall Adhesive/Enhancer 2002  
Nicobond Ecoflex S1

### Alternative Grouts:

Nicobond Tilers Grout/Enhancer 2002

# Fixing Thin Tiles to Walls and Floors



5. Nicobond Professional Levelling System

1. Ensure the sand:cement screed or concrete is fully cured, flat and clean. For tile on tile installation see page opposite.
2. If the base is porous, prime with diluted Nicobond Primer in ratio 4 volumes of water to 1 volume of Nicobond Primer and allow to dry.
3. Spread the recommended adhesive over the surfaces and fix new tiles using the notched trowel or solid bed method as appropriate.
4. Place the tiles into the wet adhesive using a slight sliding action to ensure solid bedding of the tiles.
5. The Nicobond Professional Levelling System should be used to ensure floor tiles are flat and level.
6. Fill joints between tiles using recommended grout.

- \* Allow at least 6 weeks for structural concrete floors to cure and a further 3 weeks for subsequently applied screed. In the event that a rapid setting cement replacement is used the drying time of screed will be greatly reduced. Refer to the Technical Team for further information.
- \* When fixing tiles to impervious backgrounds such as existing tiles the setting time of adhesives will be extended.
- \* When re-tiling walls, ensure the overall weight of tiling does not exceed the permitted levels of 32kg/m<sup>2</sup> for plasterboard and 20kg/m<sup>2</sup> for gypsum plaster.
- \* Some thin tile products are reinforced on the back with a mesh/resin layer. Ensure compatibility and suitability of these tiles before work proceeds.

## Recommended Tile Adhesives

## Recommended Tile Grout



Nicobond Rapidflex Fibre S2



Nicobond Flexible Fibre Adhesive S1



Nicobond Large Format Flex S1



Nicobond Flexible Grout Plus



Nicobond Tilers Grout



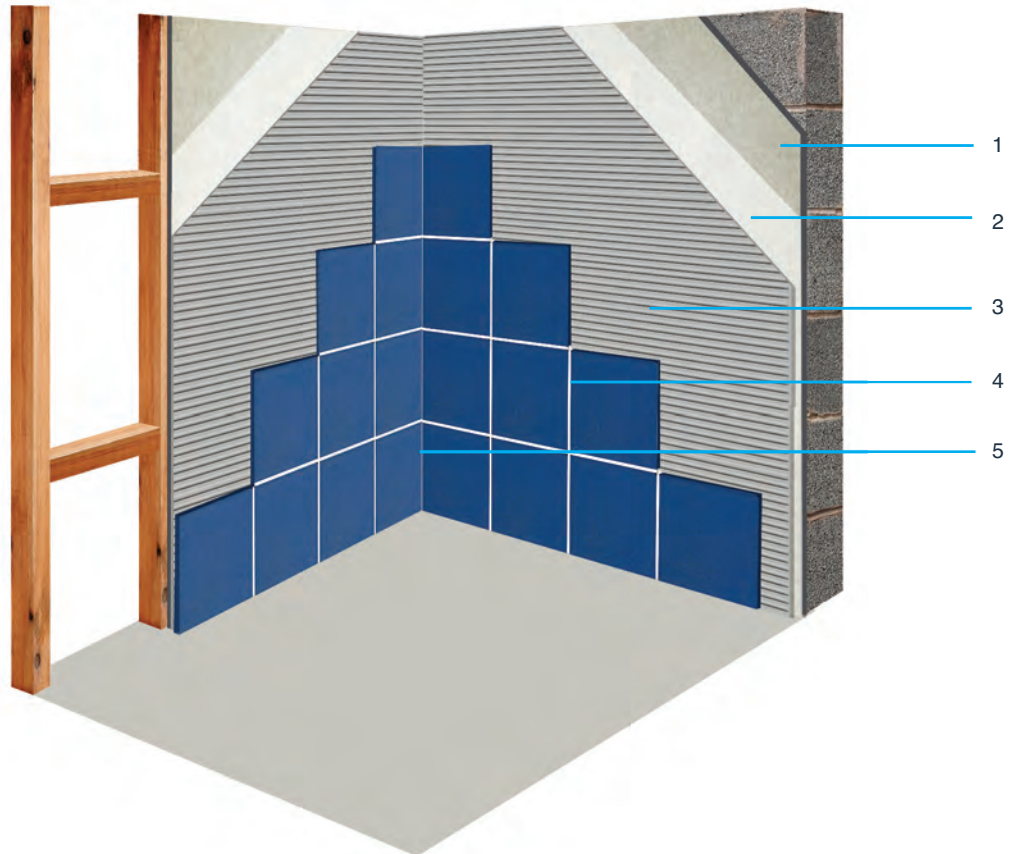
Nicobond Starlike Extreme Performance Grout

Alternative Adhesives:  
 Nicobond Rapidflex S1  
 Nicobond Quickflex S1

Alternative Grouts:  
 Nicobond Tilers Grout/Enhancer 2002

Featured Products  
 Nicobond Primer  
 Nicobond Professional Levelling System

## Tiling onto Plaster and Plasterboard (Dry Areas)



1. Either screw plasterboard to stud frame wall construction at maximum 600mm centres, or apply gypsum plaster to block work.
2. Prime the surfaces with diluted Nicobond Universal Bonding Agent and Sealer and allow to dry.
3. Spread the recommended adhesive over the surfaces and fix new tiles using the notched trowel or solid bed method as appropriate.
4. Fill joints between tiles using recommended grout.
5. Ensure movement joint is inserted into internal corners, PVC type or silicone sealant.

\* New plaster needs to dry for at least 4 weeks. Tiles to be fixed to finish coat only, never the backing coat. When fixing to Plaster board ensure the boards are rigidly braced and adequately supported, fix directly to the paper face, do not skim with plaster. Weight of tiling not to exceed 32kg/m<sup>2</sup> on plasterboard and 20kg/m<sup>2</sup> onto gypsum plaster.

### Recommended Tile Adhesives



Nicobond  
Tile Adhesive

Nicobond  
Ultragrip

### Recommended Tile Grout



Nicobond  
Flexible Grout Plus

Nicobond  
Tilers Grout

### Featured Product



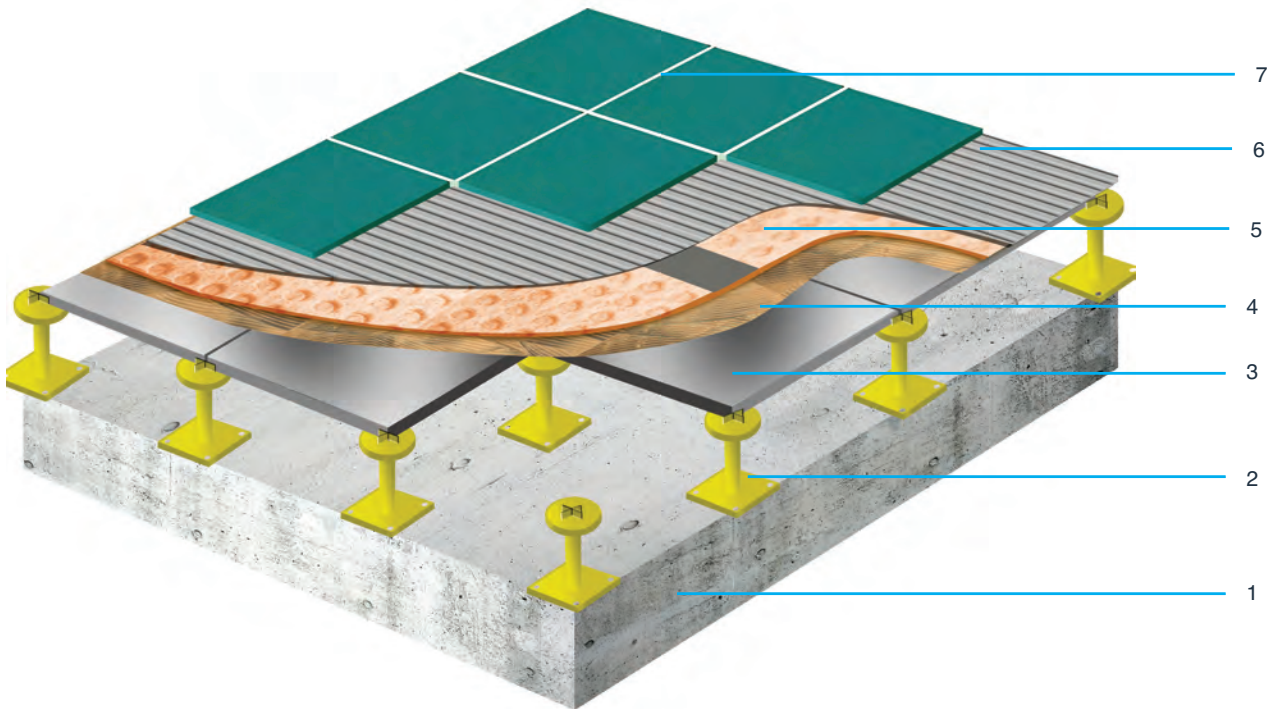
Nicobond  
Universal Bonding  
Agent and Sealer

Alternative Adhesives:  
Nicobond Primer  
Nicobond Rapidflex S1

Alternative Grouts:  
Nicobond Tilers Grout/Enhancer 2002  
Nicobond Starlike



## Tiling to Raised Access Flooring



1. Ensure the sand:cement screed or concrete is fully cured, flat and clean.
2. Adjustable pedestals bonded to the subfloor with a suitable polyurethane or similarly appropriate adhesive.
3. Heavy grade galvanised steel encapsulated panels usually 600 x 600mm are affixed to the pedestals. Each panel should be drilled and screwed down at each corner into the polypropylene head gasket to ensure the floor is sufficiently rigid and stable.
4. Ensure the raised access panel floor is completely clean and free from any contaminants such as dust or grease before installing the Nicobond D-Mat 3L. Apply a layer of Multipurpose flooring adhesive onto the surface in accordance with the manufacturers instructions.
5. Whilst the adhesive is still wet, press the Nicobond D-Mat 3L firmly into position. Use a float or similar flat trowel to smooth out and ensure the fleece is embedded into the adhesive. Butt joint the adjacent lengths of the mat and secure together with Nicobond Jointing Tape.
6. Apply a layer of the recommended C2 S1 category adhesive onto the Nicobond D-Mat 3L using the straight edge of the notched trowel, press the adhesive firmly into the round cavities to create a solid bed. The adhesive can then be floated over the surface, notched with a trowel and tiles placed firmly into position.
7. Fill joints between tiles using the recommended grout.

\* If the floor requires additional reinforcement the raised access floor can be overlaid with Nicobond Tile Backer Board screwed down at 300mm centres.

\* If only a small area of flooring is involved eg: up to 25m sq then Nicobond Plastic Ply may be used instead of D-Mat 3L.

\* Perimeter movement joints should be installed so bay sizes are no greater than 100m sq in accordance with BS 5385 - 3. Any movement joints in the raised access flooring system should be carried through the tiling.

### Recommended Tile Adhesives



Nicobond Rapidflex Fibre S2



Nicobond Flexible Fibre S1



Nicobond Large Format Flex S1

### Recommended Tile Grout



Nicobond Flexible Grout Plus



Nicobond Starlike Extreme Performance Grout

### Featured Product



Nicobond D-Mat 3L

Alternative Adhesives:  
 Niobond Rapidflex S1  
 Nicobond Xtra Tile & Stone/Enhancer 2002  
 Nicobond Ecoflex S1

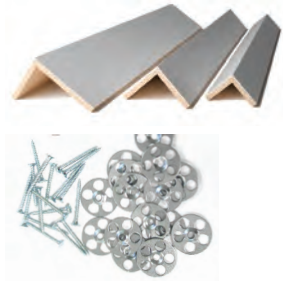
Alternative Grouts:  
 Nicobond Tilers Grout/Enhancer 2002

Featured Products  
 Nicobond Multipurpose Flooring Adhesive  
 Nicobond Jointing Tape

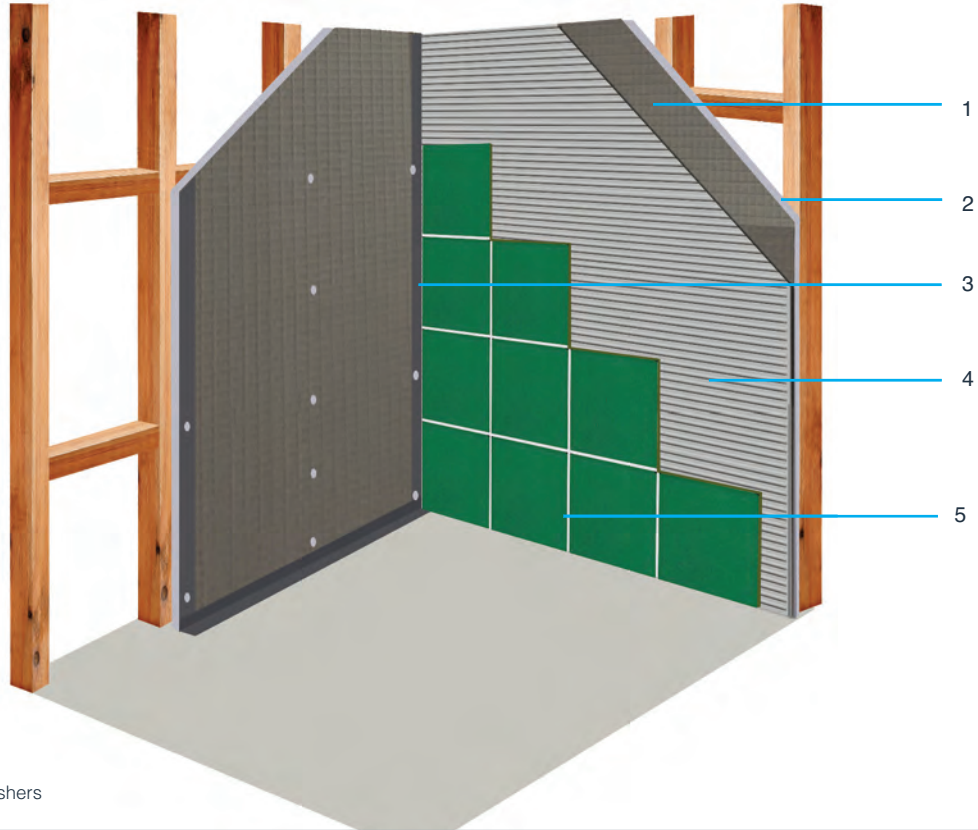
## Fixing Nicobond Tile Backer Board to Stud Partition Walls



Smooth, paintable pipe covers are a quick and effective solution for hiding away unsightly pipework, simply choose the correct cover size and cut to length. Run a bead of Nicobond PU Adhesive along the 2 leading edges and press firmly into position.



Nicobond Galvanised Screws and Washers



1. Screw board to stud work using Nicobond Galvanised Screws and Washers, taking care to screw down until the washer bites into the board. For boards less than 20mm thick, vertical studs should be set at 300mm centres. For greater thicknesses 400mm centres are suitable.
2. All board edges must be supported by timber noggins and fixed using approx 12 fixings on a 1200 x 600mm board or 21 fixings on a 2400mm x 600mm board. Fixings should be set at approx 300 - 400mm centres.
3. The joints between boards should be taped over using either Nicobond Jointing Tape for dry areas or Nicobond Wet Room Waterproof Tape and components for wet areas.
4. Spread the recommended adhesive over the surfaces and fix new tiles using the notched trowel or solid bed method as appropriate.
5. Fill joints between tiles using recommended grout.

\* Minimum thickness of board for screw fixing is 10mm.  
 \* Stud centres to be set subject to loading requirements.

### Recommended Tile Adhesives



Nicobond Waterproof Tile Adhesive

Nicobond Rapidflex S1

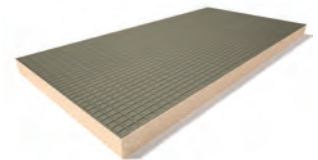
### Recommended Tile Grout



Nicobond Flexible Grout Plus

Nicobond Starlike Extreme Performance Grout

### Featured Product



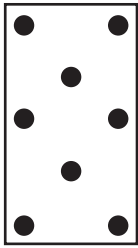
Nicobond Tile Backer Board

Alternative Adhesives:  
 Nicobond Quickflex S1  
 Nicobond Aquagrip  
 Nicobond Ultragrip

Alternative Grouts:  
 Nicobond Tilers Grout/Enhancer 2002

Other Featured Products  
 Nicobond Jointing Tape  
 Nicobond Waterproof Tape  
 Nicobond Galvanised Screws and Washers

## Fixing Nicobond Tile Backer Board to Solid Walls



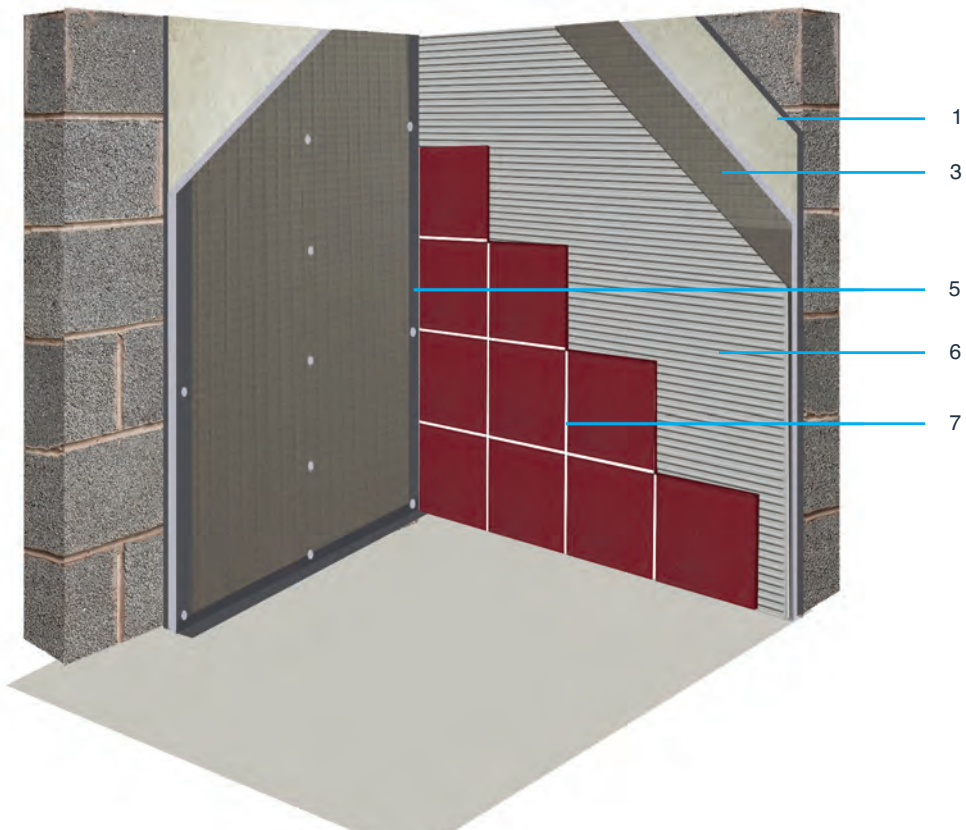
2. Apply dots of adhesive to the reverse side of the board (max 300mm centres).



4. Hammer-In fixings to provide a secure installation of the Tile Backer Board.



Nicobond Hammer-In fixings



1. Ensure the wall surface is sound and free from dust and grease.
2. Using Nicobond Quickfix apply dots of adhesive to the reverse side of the board. A 600 x 2400 x 12.5mm thick board will typically have 12 dots of mortar up to 30mm thick, ensure outer dots are located at board edges.
3. Offer up the board vertically to the wall surface and bed firmly into place. Always use a straight edge and level to ensure good alignment.
4. Once the adhesive has set use the Hammer-In fixings to provide a secure installation of the Tile Backer Board. The fixings to be positioned so as to be hammered in through the middle of the dot of adhesive.
5. The joints between boards should be taped over using either Nicobond Jointing Tape for dry areas or Nicobond Wet Room Waterproof Tape and components for wet areas.
6. Spread the recommended adhesive over the surfaces and fix new tiles using the notched trowel or solid bed method as appropriate.
7. Fill joints between tiles using recommended grout.

\* The dot and dab fixing system is not recommended for use with boards less than 12.5mm thick. For the thinner boards, using a notched trowel apply a solid bed of adhesive over the board surface and press firmly into position.

### Recommended Tile Adhesives



Nicobond Waterproof Tile Adhesive



Nicobond Rapidflex S1

### Recommended Tile Grout

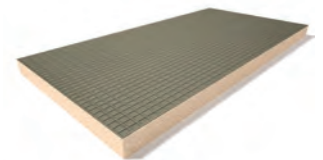


Nicobond Flexible Grout Plus



Nicobond Starlike Extreme Performance Grout

### Featured Product



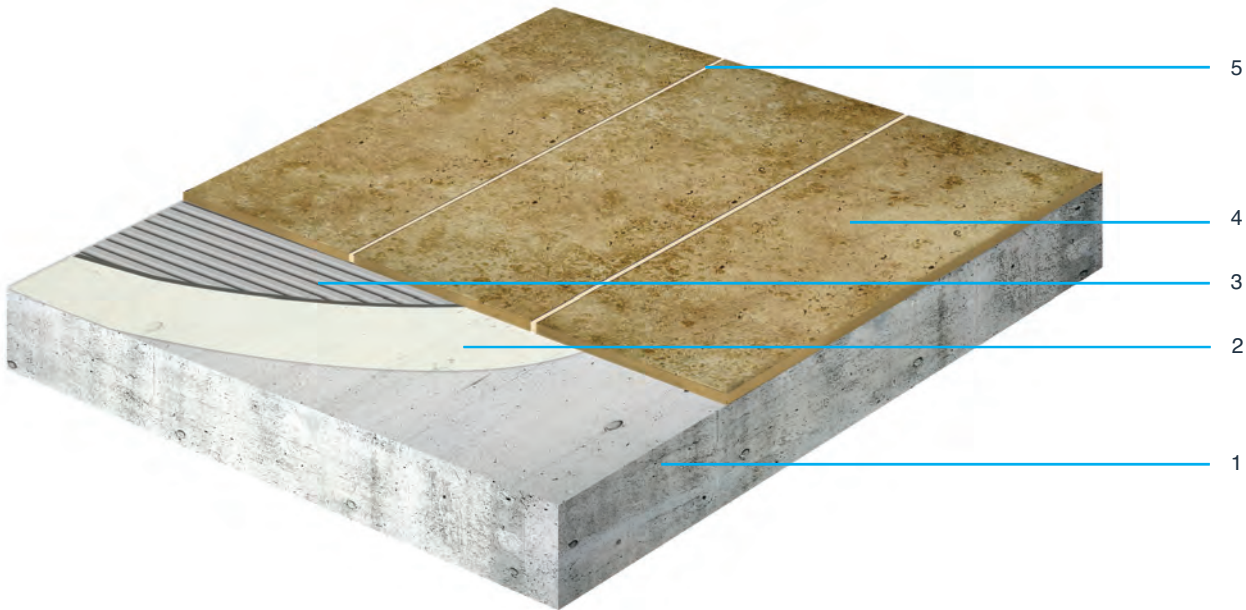
Nicobond Tile Backer Board

Alternative Adhesives:  
 Nicobond Quickflex S1  
 Nicobond Aquagrip  
 Nicobond Ultragrip

Alternative Grouts:  
 Nicobond Tilers Grout/Enhancer 2002

Other Featured Products  
 Nicobond Quickfix  
 Nicobond Jointing Tape  
 Nicobond Waterproof Tape  
 Nicobond Hammer-In fixings

## Fixing Natural Stone/Slate onto Sand:Cement Screed/Concrete



1. Ensure the sand:cement screed or concrete is fully cured, flat and clean.
2. If the base is porous, prime with diluted Nicobond Primer in ratio 4 volumes of water to 1 volume of Nicobond Primer and allow to dry.
3. It is recommended to use a white cement based adhesive for bonding limestone and other light coloured or translucent natural stones. Apply a suitable layer of adhesive, lightly combing the surface using a 10mm Nicobond Notched Trowel and solidly bed the tiles into the wet adhesive. Do not use spot or blob fixing method for these tiles as unsightly water marks or "shadowing" may appear on the surface. Slate products are varied and can be supplied in cut or cleaved format. Slate may be impervious or relatively porous. If a cut slate of European origin is selected, these may be bedded into a polymer modified adhesive using the above technique. Cleaved slate may produce material of different thicknesses and it is recommended to bed these in using a pourable, flow bed or high build grade of adhesive.
4. Natural Stones and Slate may require sealing prior to grouting, follow the manufacturer's instructions ensuring the adhesive has fully cured prior to sealing the stone surface. In the case of impervious natural stones this period can extend over several weeks.
5. Fill joints between tiles using recommended grout.

\* Allow at least 6 weeks for structural concrete floors to cure and further 3 weeks for subsequently applied screed. In the event that a rapid setting cement replacement is used the drying time of screed will be greatly reduced. Refer to the Technical Team for further information.

### Recommended Tile Adhesives

### Recommended Tile Grout



Nicobond  
Rapid  
Tile & Stone



Nicobond  
Xtra  
Tile & Stone



Nicobond  
Large Format  
Flex S1



Nicobond  
Flexible Grout Plus



Nicobond  
Tilers Grout



Nicobond  
Starlike Extreme  
Performance Grout

Alternative Adhesives:  
Nicobond Rapidflex Fibre S2  
Nicobond Quickflex S1

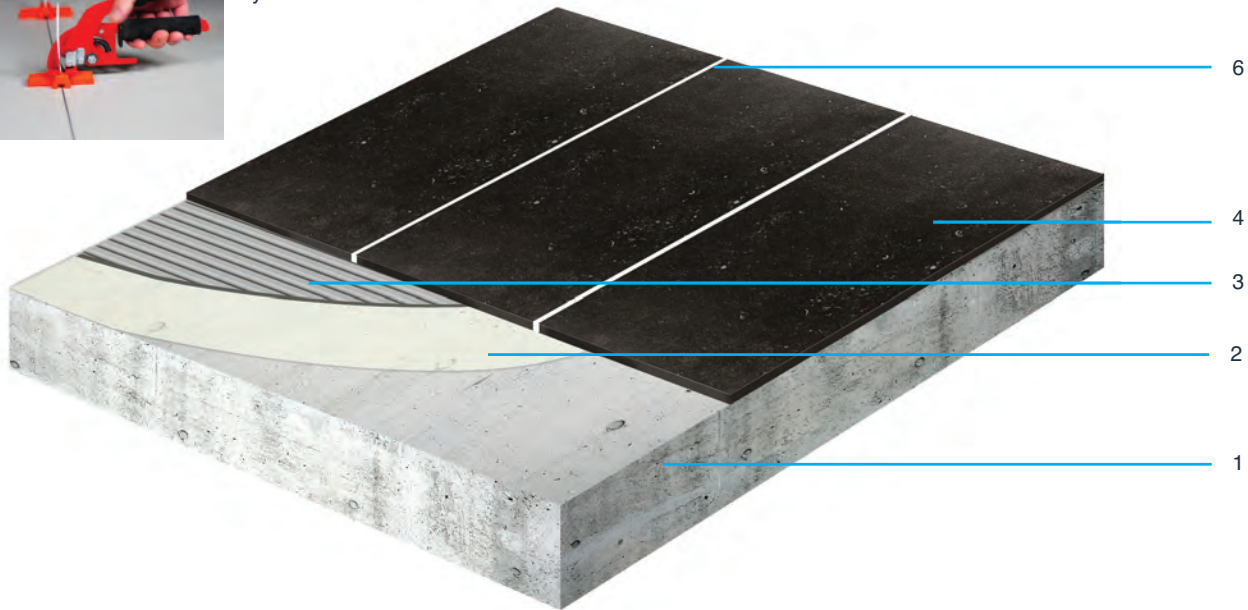
Alternative Grouts:  
Nicobond Tilers Grout/Enhancer 2002

Other Featured Products  
Nicobond Primer

# Fixing Large Format Tiles onto Sand:Cement Screed/Concrete



5. Nicobond Professional Levelling System



1. Ensure the sand:cement screed or concrete is fully cured, flat and clean.
2. If the base is porous, prime with diluted Nicobond Primer in ratio 4 volumes of water to 1 volume of Nicobond Primer and allow to dry.
3. Apply a layer of adhesive from 4mm up to 30mm thick onto the base using the 20mm half round Nicobond Large Format Notched Trowel.
4. Place the tiles into the wet adhesive using a slight sliding action to ensure solid bedding of the tiles.
5. The Nicobond Professional Levelling System should be used to ensure tiles are flat and level.
6. Fill joints between tiles using recommended grout.

\* Allow at least 6 weeks for structural concrete floors to cure and further 3 weeks for subsequently applied screed. In the event that a rapid setting cement replacement is used the drying time of screed will be greatly reduced. Refer to the Technical Team for further information.

\* It should be noted that a large format tile is a tile with no tile edge greater than 1200mm or a facial area greater then 3600cm<sup>2</sup>

## Recommended Tile Adhesives

## Recommended Tile Grout



Nicobond Large Format Flex S1



Nicobond Rapidflex Fibre S2



Nicobond Flexible Fibre Adhesive S1



Nicobond Flexible Grout Plus



Nicobond Tilers Grout



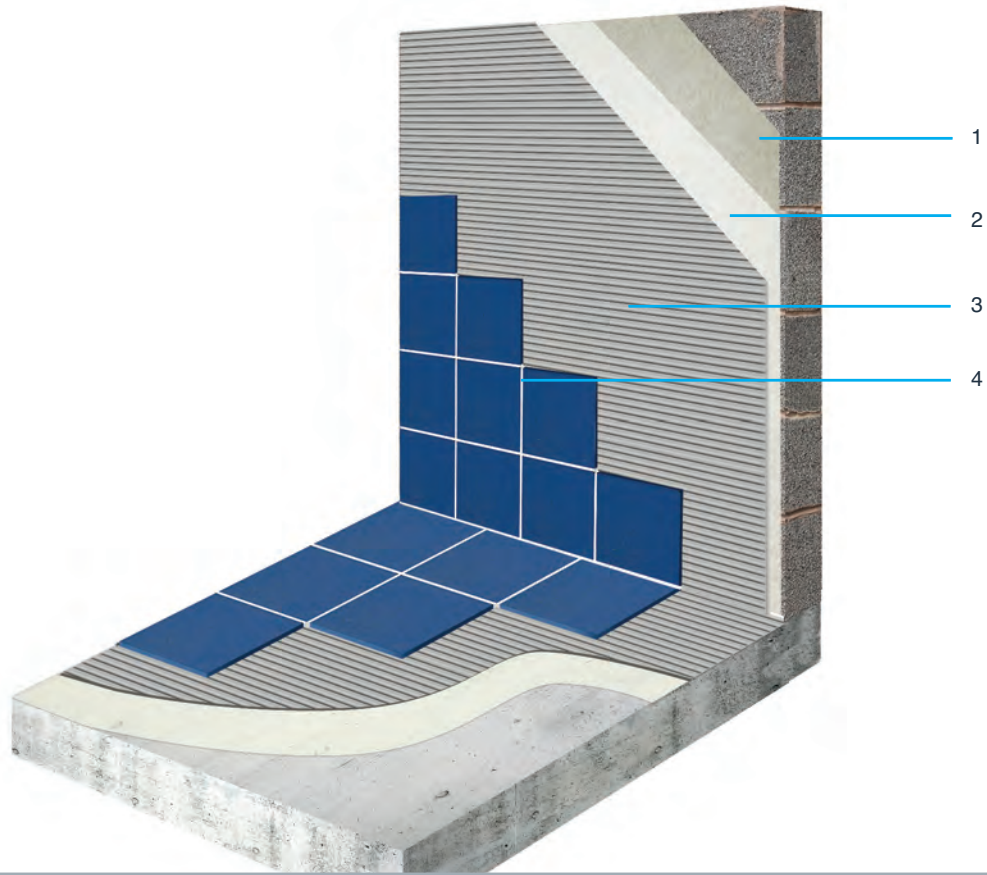
Nicobond Starlike Extreme Performance Grout

Alternative Adhesives:  
Nicobond Xtra Tile & Stone/Enhancer 2002

Alternative Grouts:  
Nicobond Tilers Grout/Enhancer 2002

Other Featured Products  
Nicobond Primer  
Nicobond Professional Levelling System

## Tiling in Food Preparation Areas and Where Chemical Resistance is Required



1. Ensure sand:cement render or gypsum plastered walls, screed or concrete surfaces are all fully cured, flat and clean and suitable for tiling.
2. If surfaces are porous prime with Nicobond Primer.
3. Press the tiles into the recommended adhesive with a slight sliding or twisting action. Large format tiles should be back buttered.
4. Fill joints between tiles using the recommended grout.

\* Allow at least 6 weeks for structural concrete floors to cure and a further 3 weeks for subsequently applied screed.

\* Cement:Sand render should be left for 2 weeks before tiling is applied.

\* In accordance with the United Kingdom regulations and European directives relating to food hygiene only Epoxy based grouts may be used in food preparation areas. These are required to be smooth, impervious, chemically resistant, easy to maintain in a sterile condition and do not taint food.

\* In projects of a more industrial nature where the tile installation requires a high degree of chemical resistance then the use of epoxy as the adhesive is also recommended.

\* Contact between food and tiling should be avoided for at least 7 days.

### Recommended Tile Adhesives

### Recommended Tile Grout

### Featured Product



Nicobond  
Nico-lastic Tile  
Adhesive



Nicobond  
Rapidflex  
S1



Nicobond  
Flexible Fibre  
S1



Nicobond  
Starlike Extreme  
Performance Grout



Nicobond Primer

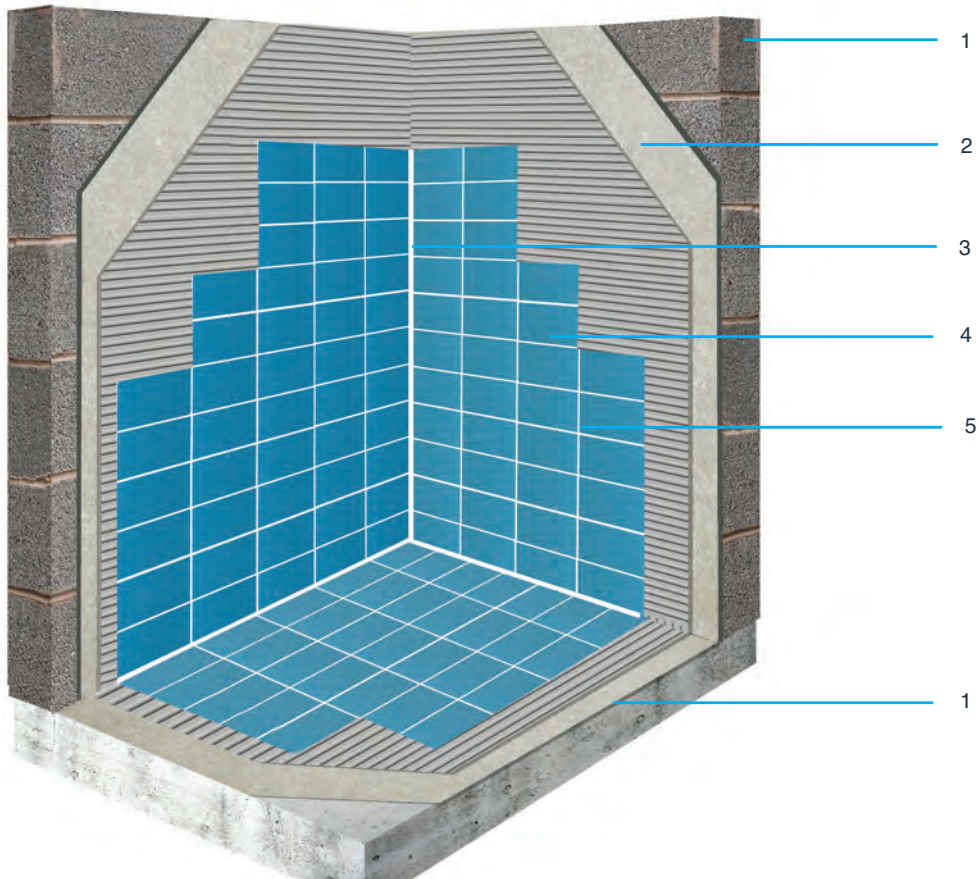
### Alternative Adhesives:

Nicobond Ecoflex S1

Nicobond Quickflex S1

Nicobond Standard Set Flex S1

## Tiling in Swimming Pools and Fountains



\* Note for Concrete pools the pool water tightness test should be carried out before the application of the render, screed and tile finishes. For pools constructed using reinforced concrete blocks, the render becomes part of the watertight construction and needs to be tested for water tightness accordingly.  
 \* For leisure pools with wave action features or for pools filled with water of high sulphate content the use of epoxy resin grouts is recommended.  
 \* On completion Swimming Pools should stand for a period of 3 weeks before pool filling commences at the rate of no more than 750mm every 24 hours. Initial heating of the pool water should also be restricted to a rise in temperature of 0.25° C per hour.

1. Pool construction can take various forms but in all cases ensure for example that any release oils or curing agents have been removed from concrete substrates and that waterproofed sand:cement render and screed is fully cured, flat, clean and suitable for tiling.
2. If rendering onto concrete or blockwork the surface should be slurry primed with a bond coat of 1 part water:1 part Nicobond Primer:1 part OpC. The render will typically be 1:3 or 1:4 cement:sand and up to a maximum total thickness of 20mm. Integral waterproofing additives to be added in accordance with the manufacturer's instructions.
3. The layout of tiling must take into account stress relieving joints which must be carried through the tiling, render/screed and be provided in accordance with the specification and in line with all day work joints in the concrete.
4. Press the tiles into the recommended adhesive with a slight sliding or twisting action. Tiles with deep grooves on the reverse should be back buttered to ensure solid bedding is achieved.
5. Fill joints between tiles using the recommended grout allowing 3 days after fixing before commencing grouting. Note a further 3 days should elapse before applying sealants to joints.

\*Allow at least 6 weeks for structural concrete floors to cure and further 3 weeks for subsequently applied screed or render.  
 \* Refer to the TTA publication "Design and Construction Process for Swimming Pools" for further advice and information.

### Recommended Tile Adhesives

### Recommended Tile Grout



Nicobond Rapidflex S1



Nicobond Flexible Fibre Adhesive S1



Nicobond Quickflex S1



Nicobond Flexible Grout Plus



Nicobond Starlike Extreme Performance Grout



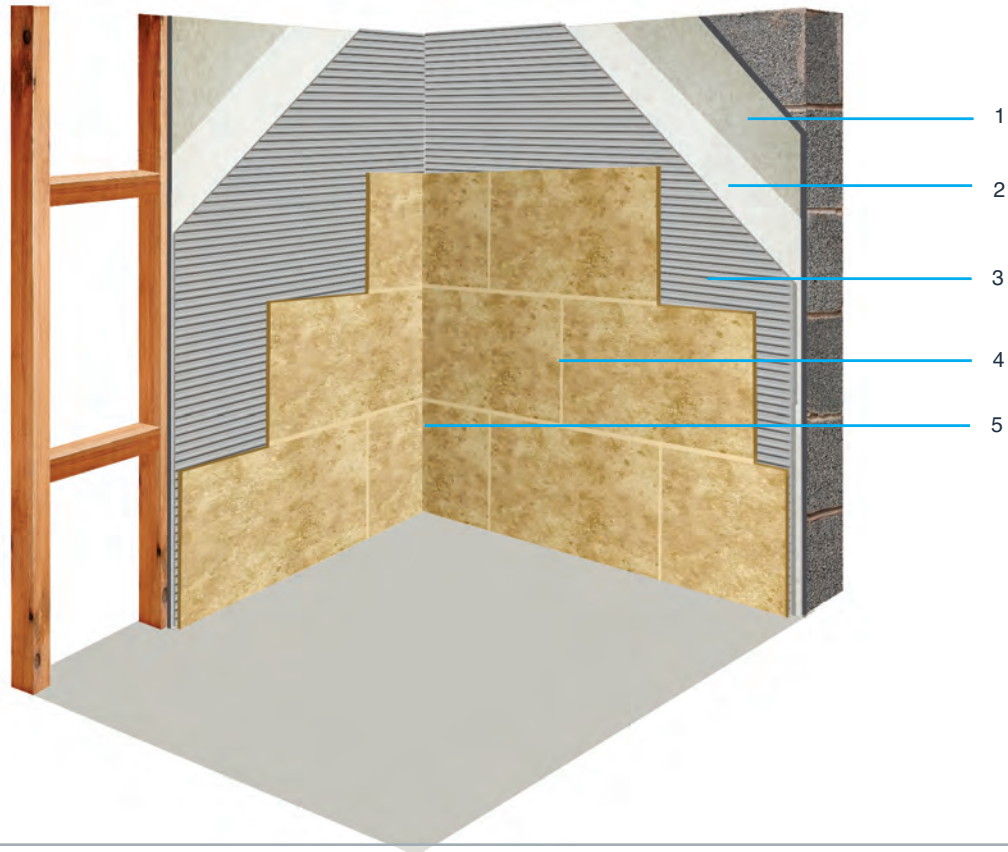
Nicobond Tilers Grout and Enhancer



Other Featured Products  
 Nicobond Primer

Alternative Adhesives:  
 Nicobond Ecoflex S1  
 Nicobond Standard Set Flex S1

## Fixing Large Format Tiles to Plaster and Plasterboard (Dry Areas)



1. Either screw plasterboard to stud frame wall construction at maximum 600mm centres, or apply gypsum plaster to block work. Ensure surfaces are dust free and clean.
2. Prime the surfaces with diluted Nicobond Universal Bonding Agent and Sealer and allow to dry.
3. Apply the recommended adhesive onto the wall. Install tiles ensuring good contact between the tiles and adhesive. For large format tiles of 60 x 30cm or larger it is advisable to apply the adhesive using the 10mm square Nicobond Notched Trowel. This will enable bedding out of the adhesive to accommodate any curvature in the tiles.
4. Fill joints between tiles using recommended grout.
5. Ensure movement joints are inserted into internal corners, PVC type or silicone sealant.

\* New plaster needs to dry for at least 4 weeks. Tiles to be fixed to finish coat only, never the backing coat. When fixing to Plaster board ensure the boards are rigidly braced and adequately supported, fix directly to the paper face, do not skim with plaster. Weight of tiling not to exceed 32kg/m<sup>2</sup> on plasterboard and 20kg/m<sup>2</sup> onto gypsum plaster. For details of fixing large format tiles to alternative substrates or in wet areas please contact Nicobond Technical Team.

\* It should be noted that a large format tile is a tile with no tile edge greater than 1200mm (nominal) or a facial area greater than 3600cm<sup>2</sup>.

### Recommended Tile Adhesives

### Recommended Tile Grout

### Featured Product



Nicobond Ultragrip



Nicobond Quickflex S1



Nicobond Standard Set Flex S1



Nicobond Flexible Grout Plus



Nicobond Tilers Grout



Nicobond Universal Bonding Agent and sealer

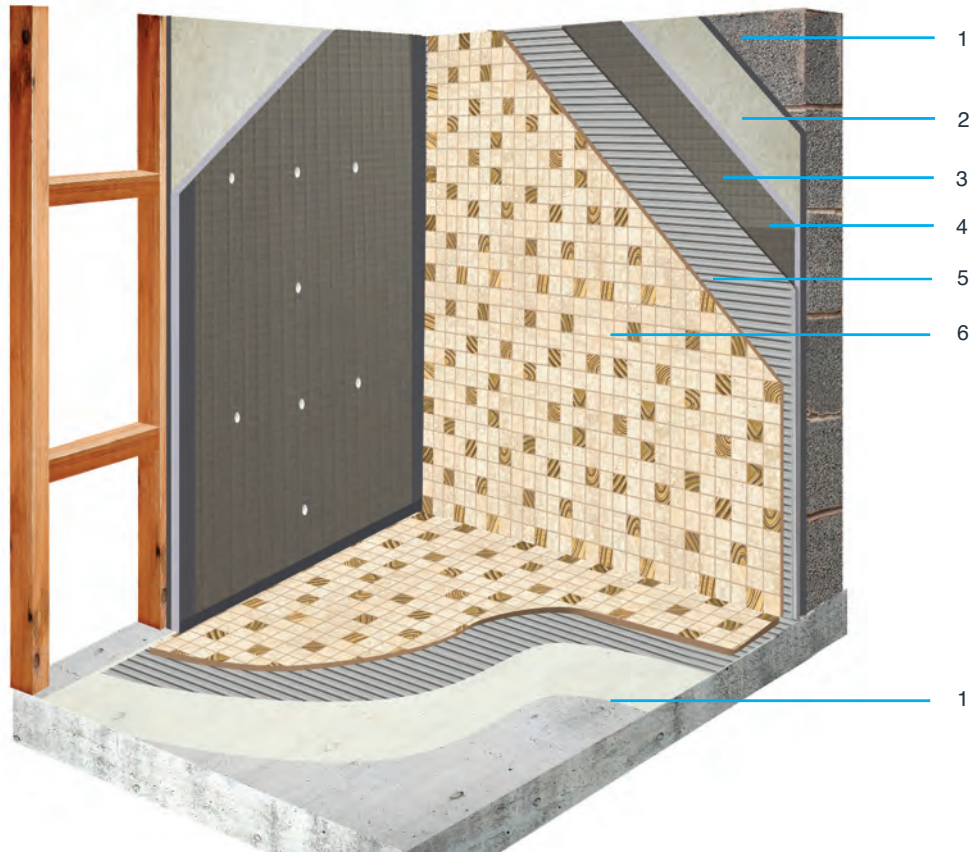
Alternative Adhesives:  
Nicobond Primer  
Nicobond Rapidflex S1

Alternative Grouts:  
Nicobond Tilers Grout/Enhancer 2002

Other Featured Products  
Nicobond Silicone Sealant



## Fixing Mesh Backed Mosaics onto Various Substrates



1. Ensure the sand:cement screed or concrete is fully cured, flat and clean. If the base is porous, prime with diluted Nicobond Primer in ratio 4 volumes of water to 1 volume of Nicobond Primer and allow to dry.
2. Either screw plasterboard to stud frame wall construction at maximum 600mm centres, or gypsum plaster if fixing onto block work.
3. Overlay plasterboard/gypsum plaster substrate with 12mm Nicobond Tile Backer Board. Use Nicobond Screws and Discs at 400mm centres to the substrate. Boards should be cross bonded and screws recessed.
4. Cover joints between boards with Nicobond Jointing Tape. Seal corners with Nicobond Wet Room Waterproof Tape and Internal Corners.
5. Apply a layer of adhesive onto the substrate and lightly comb the surface using a Nicobond Notched Trowel. Offer the sheet of mosaic up and bed the mesh side into the adhesive layer and smooth the sheet with a flat trowel to ensure good contact between the mesh and the adhesive.
6. Once the adhesive has set firm i.e. the following day, the joints may be grouted using the same Nicobond Mosaic Adhesive and Grout.

\* The backing mesh should not occupy more that 25% of the area of each tessera as this will affect the performance of the Mosaic Adhesive and Grout. In wet areas the backing material should be water resistant. \* Cement:Sand render should be left for 2 weeks before tiling is applied. (BS 5385 : Part 1)

### Recommended Tile Adhesives



Nicobond Rapidflex Fibre S2



Nicobond Rapidflex S1



Nicobond Standard Set Flex S1



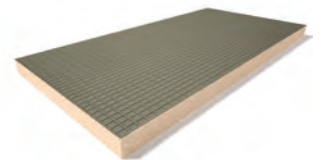
Nicobond Nico-lastic Tile Adhesive

### Recommended Tile Grout



Nicobond Starlike Extreme Performance Grout  
Nicobond Starlike Sparkle

### Featured Product



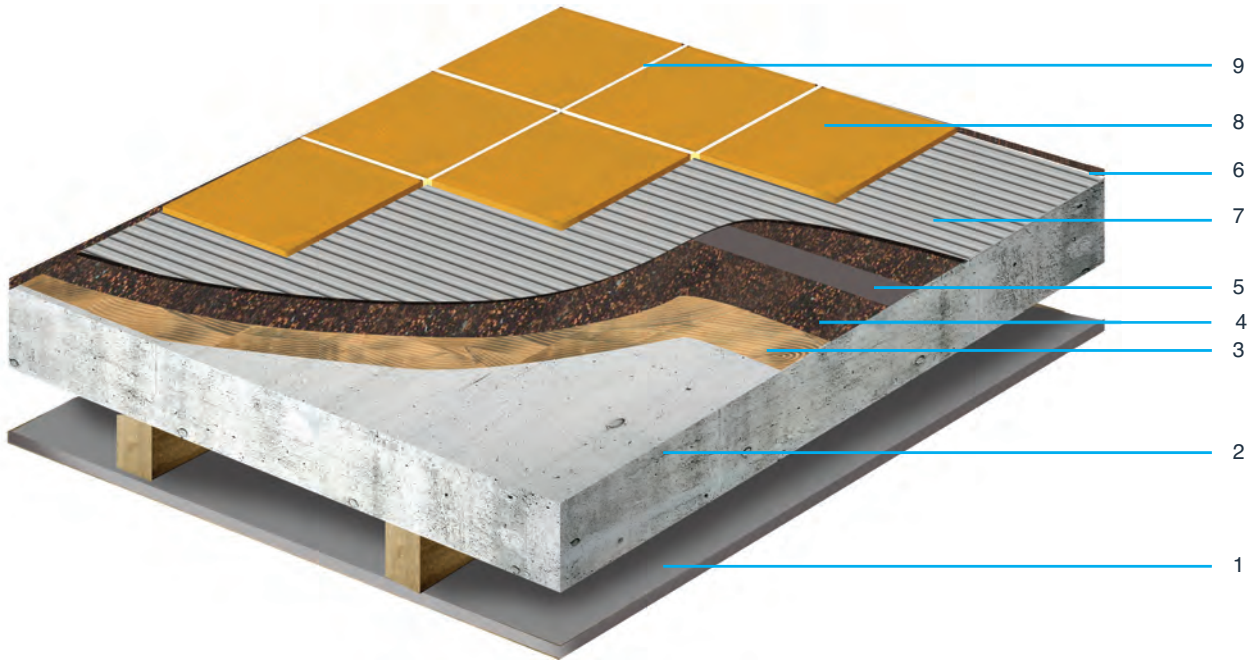
Nicobond Tile Back Board

Alternative Adhesives:  
Nicobond Flexible Fibre S1  
Nicobond Ecoflex S1

Alternative Grouts:  
Nicobond Tilers Grout

Other Featured Products  
Nicobond Jointing Tape  
Nicobond Waterproof Tape  
Nicobond Primer

## Fixing tiles using the Nicobond Sound Reduction System onto floor type 1 (concrete base) as per Building Regulations 2010 Document E



1. Ceiling of floor level below.
2. Ensure the concrete base is fully cured, flat and clean.
3. Apply a layer of Nicobond Multi-Purpose Floor Adhesive to concrete base, following the manufacturer's instructions.
4. Lay the Nicobond Acoustic Mat and smooth out with a light roller to remove any air bubbles or voids.
5. Cover joints between mats with Nicobond Jointing Tape to prevent tile adhesive penetrating to the base which could cause a sound bridge.
6. Insert acoustic mat strips around the perimeter at wall/floor junctions to isolate the floor covering.
7. Apply a layer of the recommended adhesive onto the mat and trowel out as usual, ensuring solid bedding of the tiles.
8. Press tiles into the recommended adhesive with a slight sliding or twisting action.
9. Fill joints between tiles using recommended grout.

\*Sound transmission is a complex subject and the Nicobond method needs to be part of a complete building 'package' of sound reduction to provide 'adequate' insulation. \*Tiles having sides less than 100mm in length should not be used (see B5385-4)  
 Nicobond Acoustic Mat is also suitable for laying under wood, carpet, laminates and vinyl sheet, do not use with vinyl tiles or planks

### Recommended Tile Adhesives



Nicobond Rapidflex Fibre S2

Nicobond Flexible Fibre Adhesive S1

Nicobond Rapidflex S1

### Recommended Tile Grout



Nicobond Flexible Grout Plus

Nicobond Starlike Extreme Performance Grout

### Featured Product



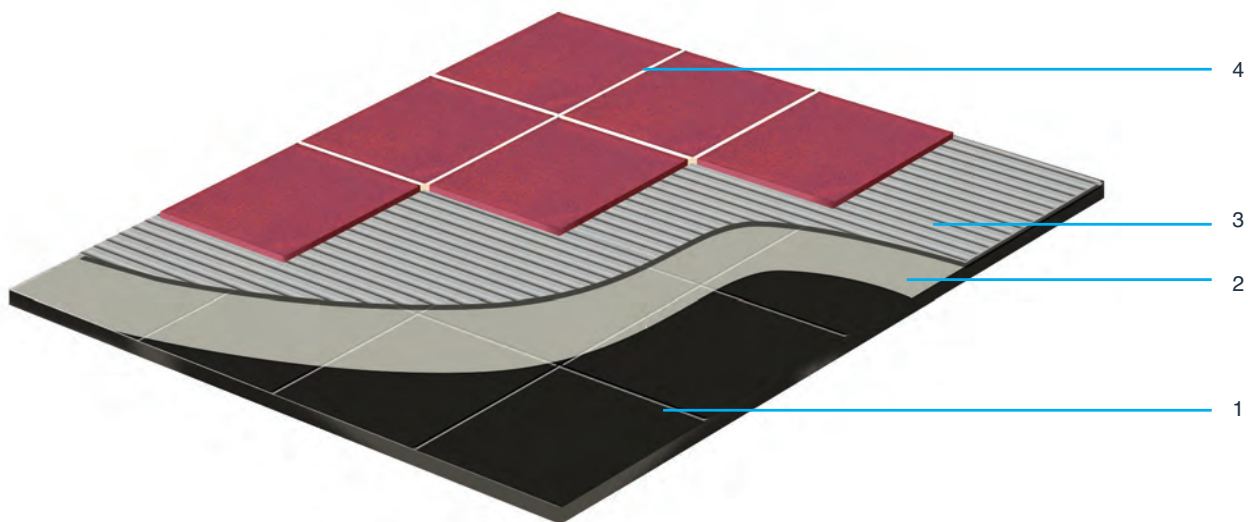
Nicobond Acoustic Mat

Alternative Adhesives:  
 Nicobond Xtra Tile & Stone/Enhancer 2002  
 Nicobond Large Format Flex S1  
 Nicobond Ecoflex S1

Alternative Grouts:  
 Nicobond Tilers Grout/Enhancer 2002

Other Featured Products  
 Nicobond Multi-Purpose Floor Adhesive

## Tiling onto Hard Vinyl Floor Tiles



1. Thoroughly clean the hard vinyl tiles using Nicobond Super Cleaning Crystals mixed with hot water. This is to remove any traces of polish, grease or other contaminants. Any loose tiles and residues of old adhesive should be removed. Ensure the tiles are firmly bonded
2. Brush apply a coat of slurry primer onto the surface consisting of 1 volume water, 1 volume Nicobond Primer and 1 volume of the recommended Nicobond powder adhesive and allow to set.
3. Apply a layer of the recommended adhesive and press tiles with slight sliding or twisting action.
4. Fill joints between tiles using recommended grout.

\* Do not tile to flexible Vinyl Tiles or Sheet. These should be removed together with any residual adhesive.

### Recommended Tile Adhesives



Nicobond  
Rapidflex  
S1

Nicobond  
Large Format  
Flex S1

### Recommended Tile Grout



Nicobond  
Flexible Grout Plus

Nicobond  
Tilers Grout

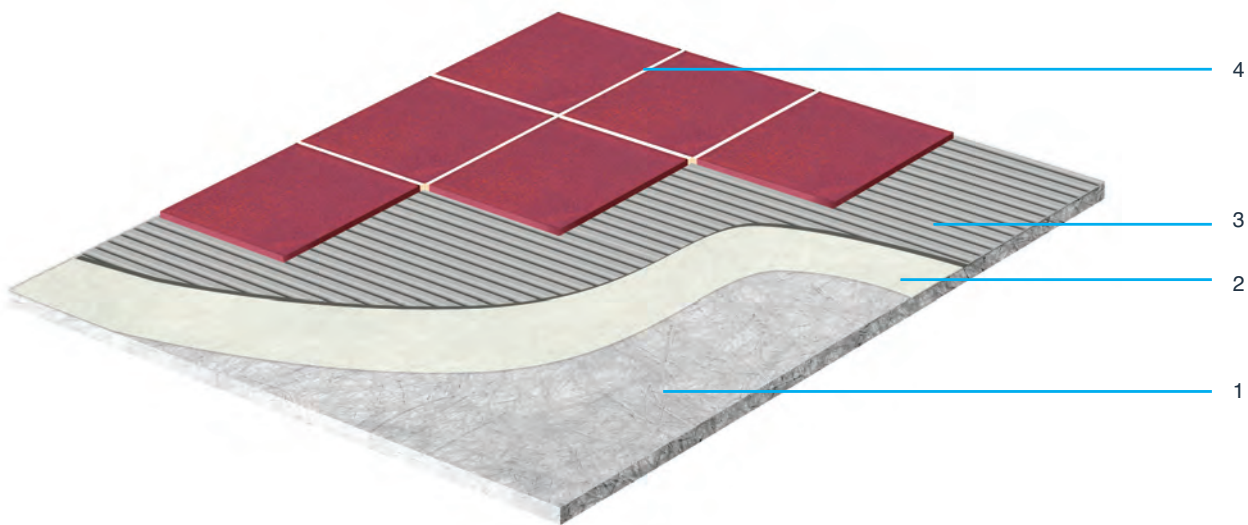
Nicobond  
Starlike Extreme  
Performance Grout

Alternative Adhesives:  
Nicobond Xtra/Enhancer 2002  
Nicobond Ecoflex S1

Alternative Grouts:  
Nicobond Tilers Grout/Enhancer 2002

Other Featured Products:  
Nicobond Primer

## Tiling onto Fibreglass/G.R.P. (Glass Reinforced Polyester) Internal Areas.



1. Ensure the GRP is structurally sound and does not exhibit any sign of cracking. Thoroughly clean and abrade the surface to provide a mechanical key and to remove any loose fibres or other contaminants which may prevent adhesion.
2. Brush apply a coat of slurry primer to the surface consisting of 1 volume water, 1 volume Nicobond Primer and 1 volume of Nicobond Powder Adhesive and allow to set.
3. Apply a layer of the recommended adhesive and press tiles with slight sliding or twisting action.
4. Fill joints between tiles using recommended grout.

\* Ensure newly installed GRP is permitted to cure thoroughly for a period of at least 7 – 10 days at 20°C before tiling. Not suitable for tiling to Acrylic shower trays.

### Recommended Tile Adhesives



Nicobond Rapidflex Fibre S2



Nicobond Flexible Fibre Adhesive S1



Nicobond Xtra Tile & Stone and Enhancer



Nicobond Nico-lastic Tile Adhesive

### Recommended Tile Grout



Nicobond Flexible Grout Plus



Nicobond Starlike Extreme Performance Grout

### Featured Product



Nicobond Primer

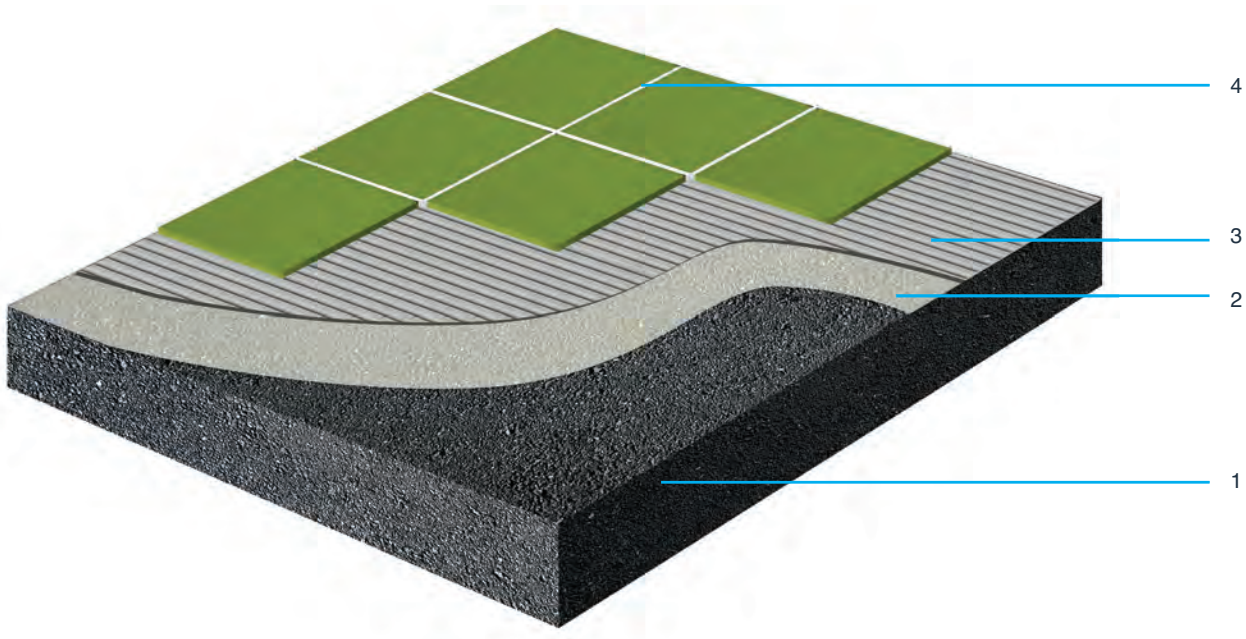
#### Alternative Adhesives:

Nicobond Fast Floor and Wall Adhesive/Enhancer 2002

#### Alternative Grouts:

Nicobond Tilers Grout/Enhancer 2002

# Tiling onto Flooring Grade Asphalt



1. Ensure surface is cleaned thoroughly using a solution of Nicobond Super Cleaning Crystals mixed with hot water.
2. Brush apply a coat of slurry primer to the surface consisting of 1 volume water 1 volume Nicobond Primer and 1 volume Nicobond adhesive powder and allow to set.
3. Apply a layer of the recommended adhesive and press tiles with slight sliding or twisting action.
4. Fill joints between tiles using recommended grout.

\* For internal areas the grade of asphalt should be type F 1076 and suitable for the anticipated loads and conditions. For external areas such as balconies or roof terraces , the asphalt should be paving grade. Roofing felt is not a suitable surface to tile directly onto.

## Recommended Tile Adhesives



Nicobond Rapidflex Fibre S2



Nicobond Rapidflex S1



Nicobond Xtra Tile & Stone and Enhancer 2002

## Recommended Tile Grout



Nicobond Flexible Grout Plus



Nicobond Starlike Extreme Performance Grout

## Featured Product

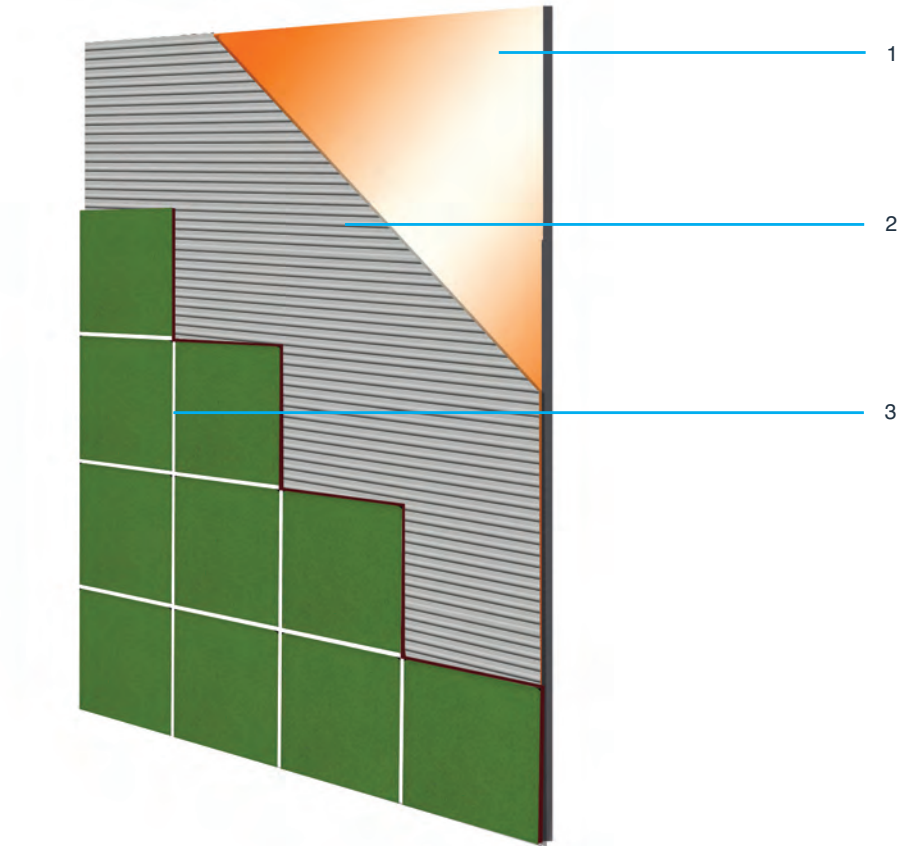


Nicobond Primer

Alternative Adhesives:  
 Nicobond Flexible Fibre S1  
 Nicobond Ecoflex S1

Alternative Grouts:  
 Nicobond Tilers Grout/Enhancer 2002

## Tiling onto Oil Based Gloss Painted Surfaces



1. Thoroughly clean existing paintwork ensuring it is firmly bonded to the substrate. It is advisable to tile to gloss paint only. If the surface is suspect, cover with Nicobond Tile Backer Board.
2. Spread the recommended adhesive over the existing paint and fix new tiles using the notched trowel or solid bed method as appropriate.
3. Fill joints between tiles using recommended grout.

- \* Ensure the paint is sufficiently sound to bear the weight of new tiling.
- \* Tiling to water based paints /distemper is not recommended, these should be removed before tiling commences.
- \* Only absorbent ceramic tiles may be used with ready mixed products for tile on tile, if porcelain tiles then use cement based adhesives.

### Recommended Tile Adhesives

### Recommended Tile Grout



Nicobond  
Waterproof  
Tile Adhesive



Nicobond  
Aquagrip



Nicobond  
Flexible Fibre  
Adhesive S1



Nicobond  
Flexible Grout Plus



Nicobond  
Tilers Grout



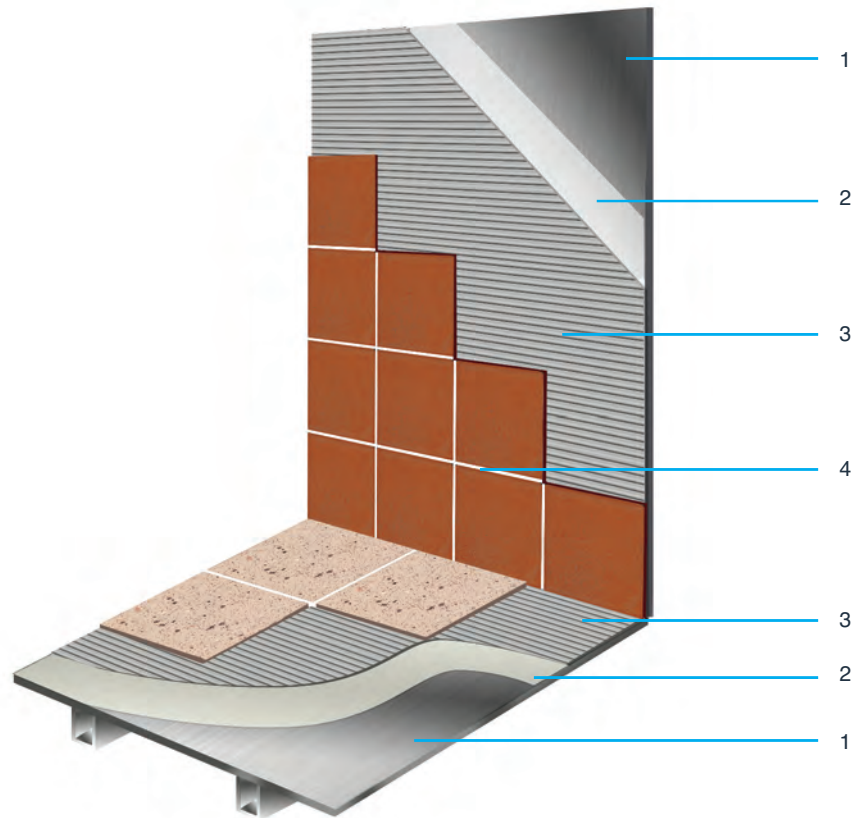
Nicobond  
Starlike Extreme  
Performance Grout

Alternative Adhesives:  
Nicobond Rapidflex S1

Alternative Grouts:  
Nicobond Tilers Grout/Enhancer 2002

Other Feature Product:  
Nicobond Tile Backer Board

# Tiling onto Steel Substrates



1. The substrate must be braced and rigid to receive tiling. Ensure it is clean, dry and free from dust or any other contamination which will reduce adhesion. The steel should be degreased using a solution of Nicobond Super Cleaning Crystals mixed with hot water.
2. Brush apply a coat of slurry primer to the surface consisting of 1 volume water, 1 volume Nicobond Primer and 1 volume Nicobond Powder Adhesive and allow to set.
3. Apply a layer of the recommended adhesive and press tiles with slight sliding or twisting action.
4. Fill joints between tiles using recommended grout.

\* It is not recommended to tile onto Stainless Steel, highly flexibilised epoxy adhesives are required for this function. Galvanised Steel should be checked to ensure the galvanised coating is firmly bonded to the base metal.

## Recommended Tile Adhesives



Nicobond Rapidflex Fibre S2

Nicobond Rapidflex S1

Nicobond Flexible Fibre Adhesive S1



Nicobond Nico-lastic Tile Adhesive

## Recommended Tile Grout



Nicobond Flexible Grout Plus



Nicobond Starlike Extreme Performance Grout

## Featured Product

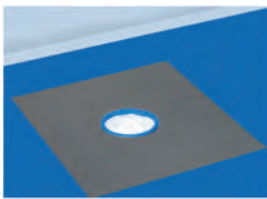
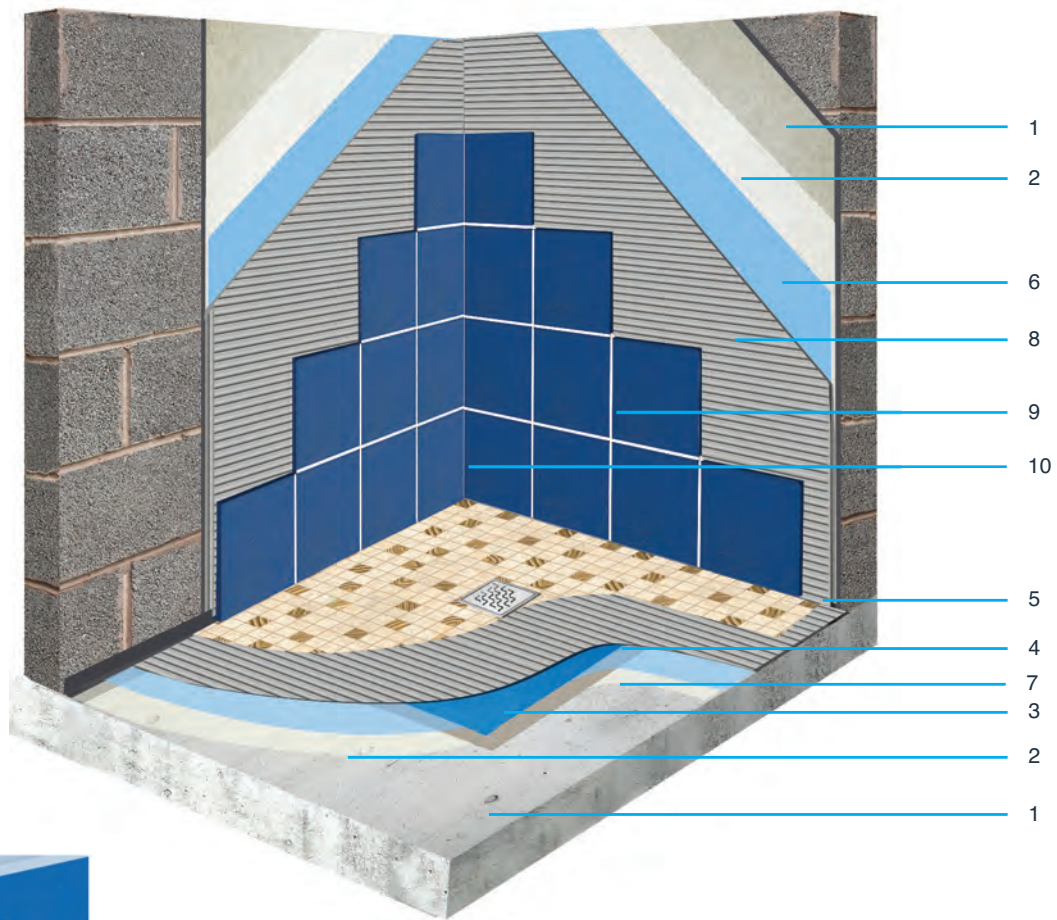


Nicobond Primer

Alternative Adhesives:  
 Nicobond Xtra Tile & Stone/Enhancer 2002  
 Nicobond Ecoflex S1x

Alternative Grouts:  
 Nicobond Tilers Grout/Enhancer 2002

## Wet Room Waterproof Tanking for Solid Construction Walls and Floors

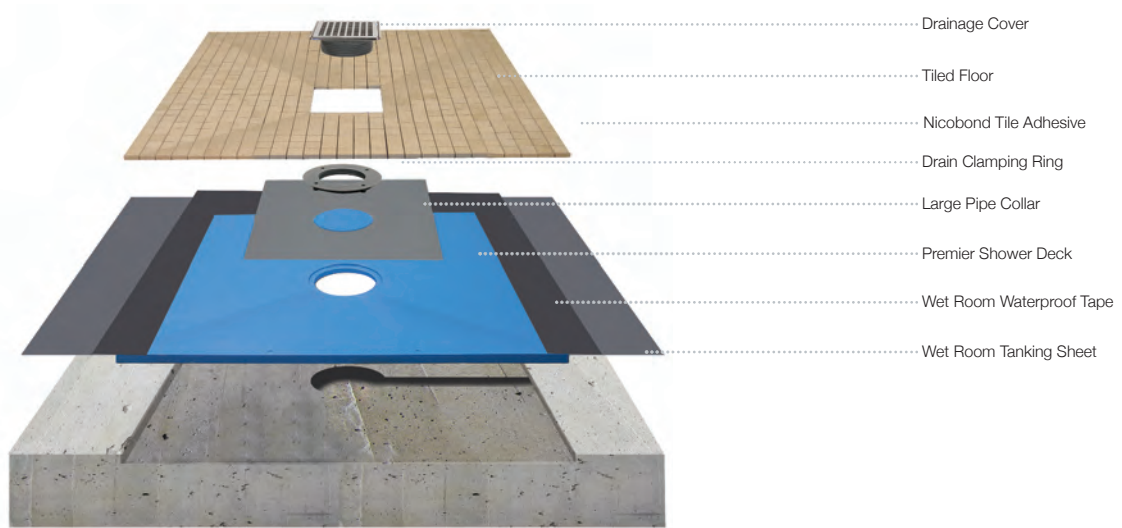


4. Large Collar to seal joint between the drain and the Premier Shower Deck.

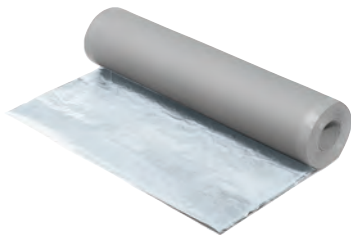
1. Cement render or gypsum plastered walls and concrete or sand:cement screeded floors.
2. If surface is porous prime with Nicobond Primer
3. Insert the Premier Shower Deck into position or lay screed to appropriate fall. Make connections for drainage.
4. Fit the self adhesive Nicobond Wet Room Waterproof Large Collar to seal the joint between the drain and the Premier Shower Deck.
5. Start with internal corners, wall and floor junctions, joint between Premier Shower Deck and screed, install the self adhesive components, these can be overcoated with Nicobond Wet Room Waterproof Membrane and allow to dry.
6. Using a medium roller, apply the first coat of membrane to wall and floor. It is not necessary to coat the Premier Shower Deck (only around the drain collar) as it is waterproof. Allow to dry.
7. Apply the second coat of membrane over walls, floors and wet room components to ensure a good seal is achieved. The optimum thickness of the membrane to be minimum 0.6mm for the two coats. Allow to dry for at least 2 hours before commencing tiling.
8. Apply a layer of the recommended adhesive and press tiles with slight sliding or twisting action.
9. Fill joints between tiles using the recommended grout.
10. Insert movement and perimeter joints to internal corners and at wall and floor junctions.

\*Allow at least 6 weeks for structural concrete floors to cure and further 3 weeks for subsequently applied screed. In the event that a rapid setting cement replacement is used the drying time of screed will be greatly reduced. Refer to the Technical Team for further information. New plaster needs to dry for at least 4 weeks. Tiles to be fixed to finish coat only, never the backing coat. Weight of tiling on gypsum plaster should not exceed 20kg/m<sup>2</sup>.

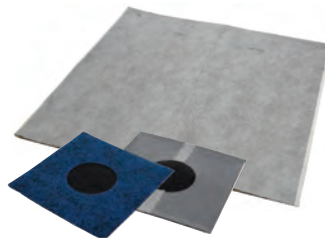




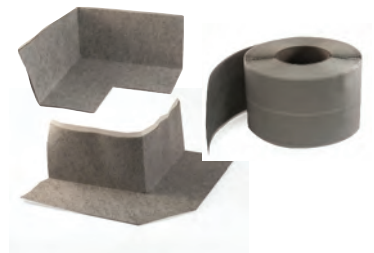
Nicobond Wet Room Waterproofing Membrane



Nicobond Wet Room Waterproofing Tanking Sheet (self adhesive)



Nicobond Wet Room Waterproofing Pipe Collars (self adhesive)



Nicobond Wet Room Waterproofing Corners and Tape (self adhesive)

Recommended Tile Adhesives



Nicobond Rapidflex S1



Nicobond Flexible Fibre S1

Recommended Tile Grout

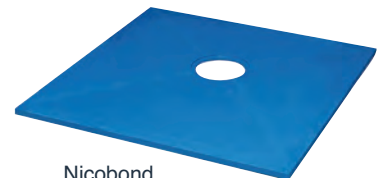


Nicobond Starlike Extreme Performance Grout



Nicobond Flexible Grout Plus

Featured Product



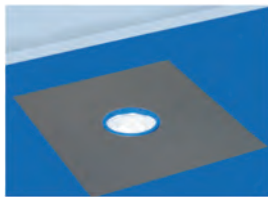
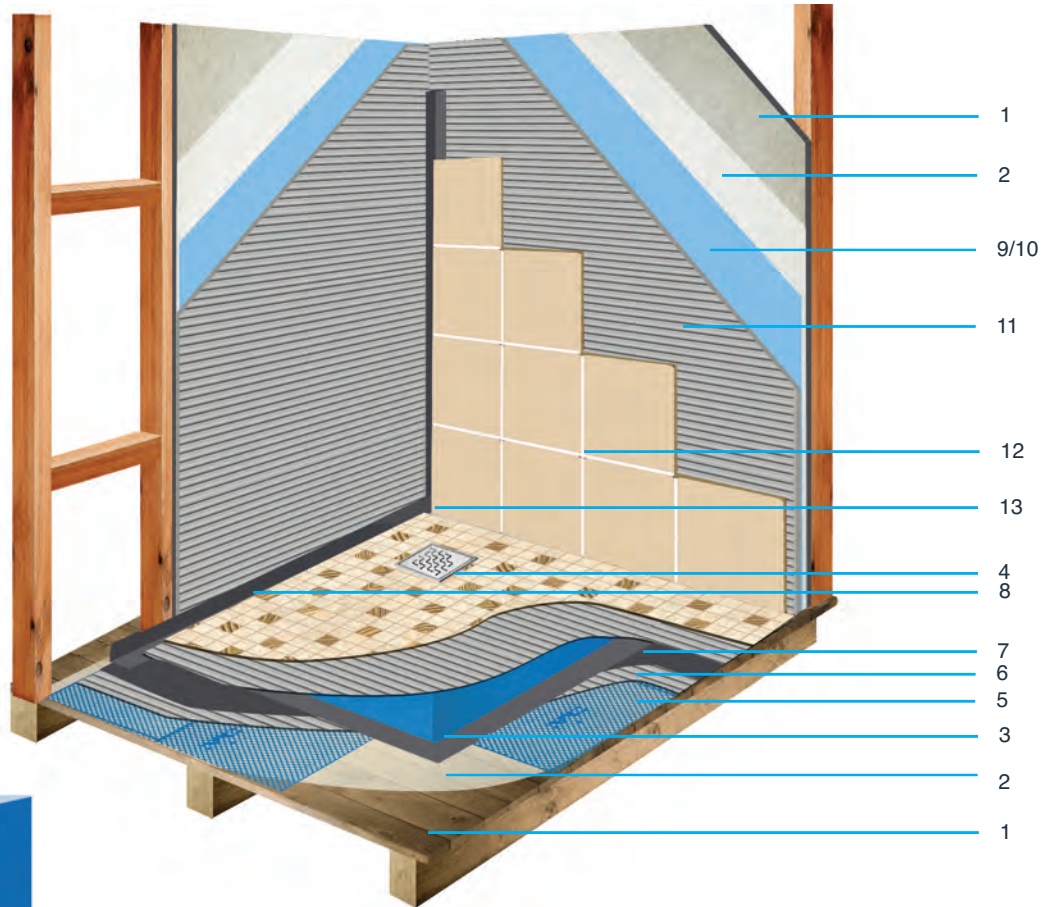
Nicobond Premier Shower Deck

Alternative Adhesives:  
 Nicobond Quickflex S1  
 Nicobond Standard Set Flex S1  
 Nicobond Ecoflex S1

Alternative Grouts:  
 Nicobond Tilers Grout/Enhancer 2002

Other Featured Products  
 Nicobond Waterproof Tanking System

## Wet Room Waterproof Tanking System for Stud Walls and Timber Floors



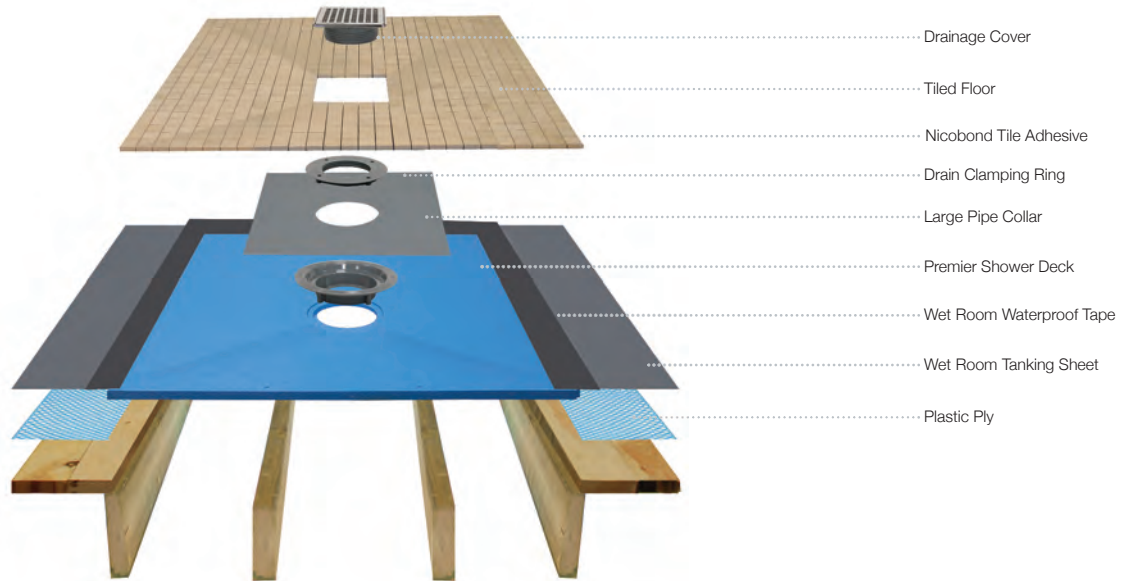
4. Large Collar to seal joint between the drain and the Premier Shower Deck.

1. Screw plasterboard to stud frame wall construction at maximum 600mm centres. Ensure surfaces are dust free and clean.
2. If wall surfaces are porous and for timber floors prime with Nicobond Universal Bonding Agent & Sealer.
3. Cut out the timber floor for the Premier Shower Deck and make connections for drainage.
4. Use self adhesive Nicobond Wet Room Waterproof Large Collar to seal joint between the drain and the Premier Shower Deck.
5. Place the Plastic Ply into position on the floor, removing the backing sheet for self adhesive fixing.
6. Spread a thin, even layer of tile adhesive over the Plastic Ply to provide a flat surface
7. Lay the Nicobond Wet Room Waterproof Tanking Sheet. This will waterproof all sections of the timber floor. Use the Nicobond Wet Room Waterproof Tape to seal the joints.
8. Start with internal corners, wall and floor junctions, joint between Premier Shower Deck and Tanking Sheet, install the self adhesive components, these can be overcoated with Nicobond Wet Room Waterproof Membrane as described below.
9. Using a medium roller apply the first coat of Nicobond Wet Room Waterproofing Membrane to wall and floor. It is not necessary to coat the Premier Shower Deck (only around the drain collar) as it is waterproof. Allow to dry.
10. Apply the second coat of membrane over walls, floors and wet room components to ensure a good seal is achieved. The optimum thickness of the membrane to be minimum 0.6mm for the two coats. Allow to dry for at least 2 hours before commencing tiling.
11. Apply a layer of the recommended adhesive and press tiles with slight sliding or twisting action.
12. Fill joints between tiles using the recommended grout.
13. Insert movement and perimeter joints to internal corners and at wall and floor junctions.

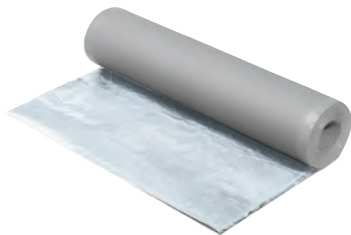
\* Timber is not considered to be a suitable base for floor tiling in wet, frequently damp, or high humidity areas, unless appropriate precautions are taken (BS 5385-4).

Noggins might be required between joists in order to achieve the required rigidity. The limit of deflection normally permitted for domestic timber floors (see BS 5268-2) might be too great to avoid damage to tiling systems.

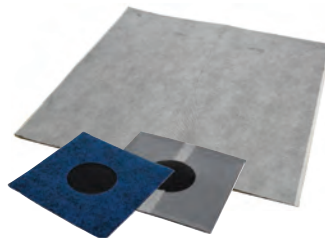
\* The use of sheets and boards that are subject to movement from changes in moisture content e.g. wood-based materials such as plywood, chipboard, wood particle boards etc. should be avoided if at all possible. Failure to observe recommendations as to treatment of boards can lead to subsequent warping and distortion of the boards with consequent cracking and delamination of the tiling. In situations where tiles maybe subject to high pressure water jet ie: from power showers it is recommended to fill joints using Nicobond Starlike Extreme Performance Grout .



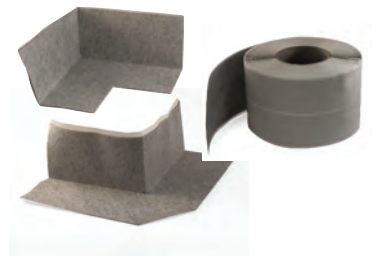
Nicobond Wet Room Waterproofing Membrane



Nicobond Wet Room Waterproofing Tanking Sheet (self adhesive)



Nicobond Wet Room Waterproofing Pipe Collars (self adhesive)



Nicobond Wet Room Waterproofing Corners and Tape (self adhesive)

Recommended Tile Adhesives



Nicobond Rapidflex S1



Nicobond Flexible Fibre S1

Recommended Tile Grout

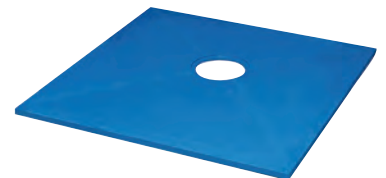


Nicobond Flexible Grout Plus



Nicobond Starlike Extreme Performance Grout

Featured Product



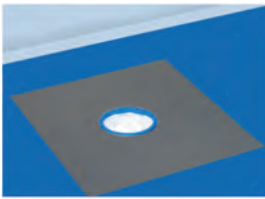
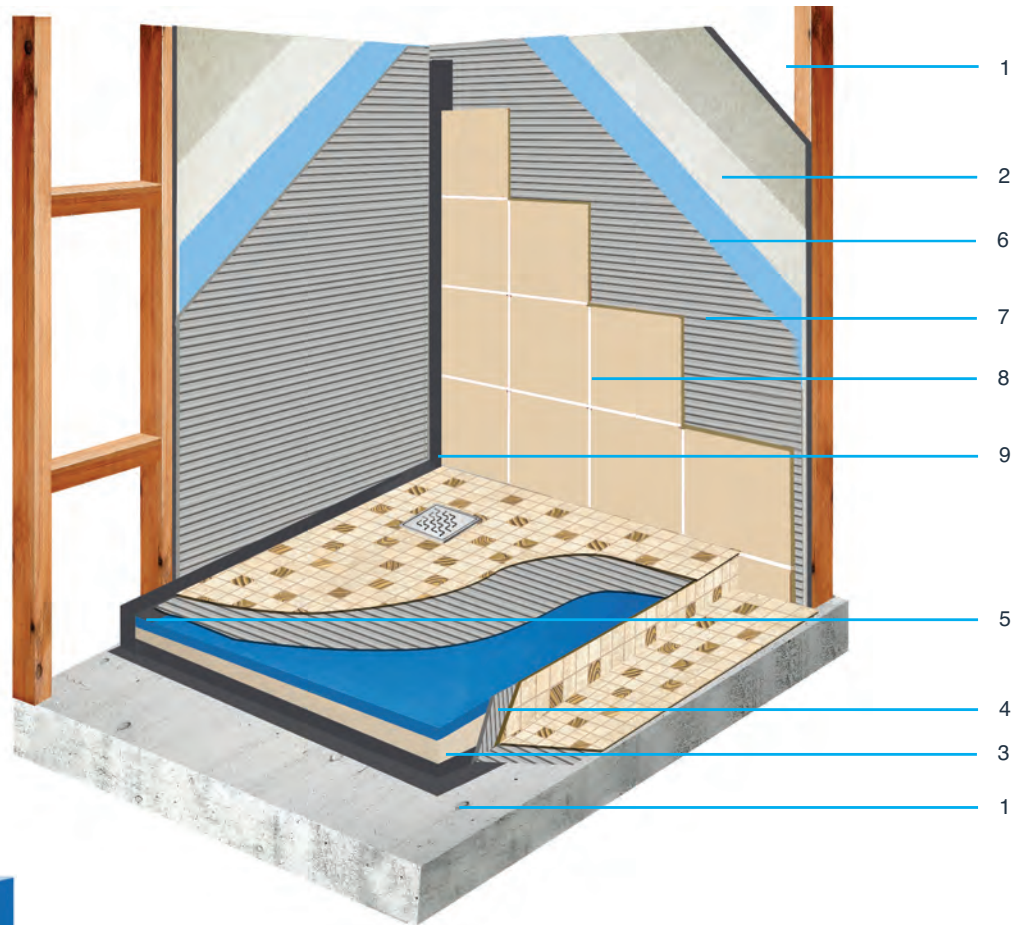
Nicobond Premier Shower Deck

Alternative Adhesives:  
 Nicobond Quickflex S1  
 Nicobond Standard Set Flex S1  
 Nicobond Aquagrip

Nicobond Ecoflex  
 Alternative Grouts:  
 Nicobond Tilers Grout/Enhancer 2002

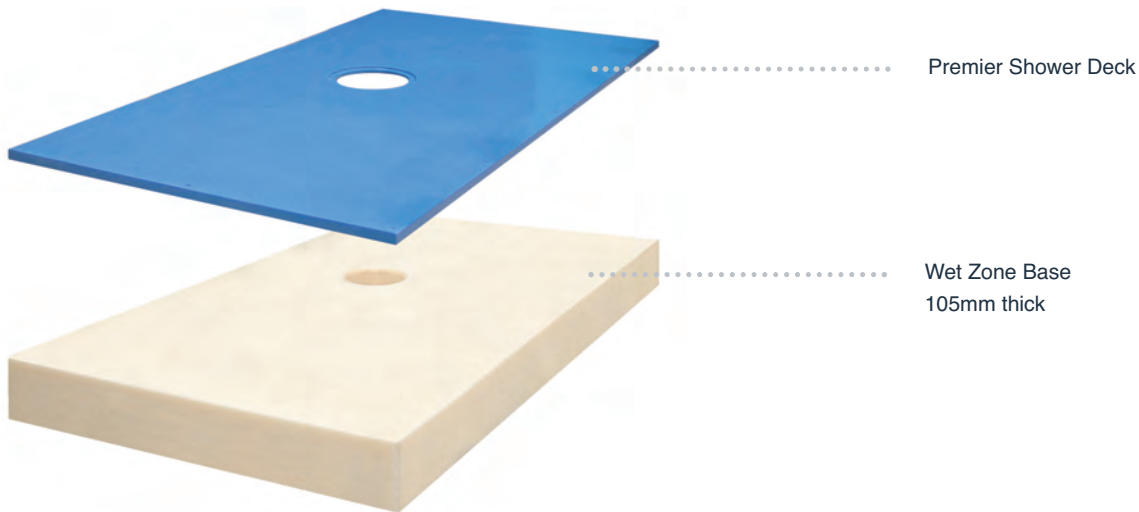
Other Featured Products  
 Nicobond Waterproof Tanking System  
 Nicobond UBAS

## Creating a Wet Zone Shower Area without Breaching the Floor

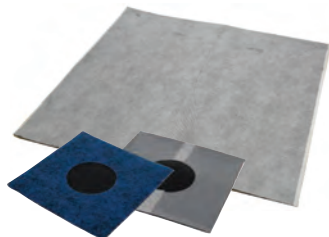


4. Large Collar to seal joint between the drain and the Premier Shower Deck.

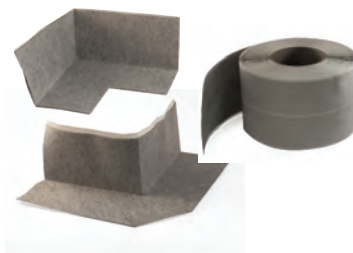
1. Screw plasterboard to stud frame wall construction at maximum 600mm centres. Ensure the sand:cement screed or concrete is fully cured, flat and clean.
2. If wall or floor surfaces are porous prime with Nicobond UBAS or Nicobond Primer and allow to dry.
3. Prepare the Wet Zone by placing the Wet Zone Base into position. Locate the positioning for the waste pipe and cut out accordingly. Attend to connections from the waste pipe to the Phleximax drain.
4. Spread a thin even layer of recommended adhesive over the surface and bed the Premier Shower Deck onto this. Use a spirit level to make sure all the levels are correct.
5. To ensure the Wet Zone is water tight, treat with Nicobond Wet Room Waterproofing Membrane and tanking system components, start with internal corners, wall and floor junctions, pipe collars around water inlet connection and the Phleximax, install the self adhesive components, these can be overcoated with Nicobond Wet Room Waterproof Membrane and press the above components into position and allow to dry.
6. Using a medium roller apply the first coat of Nicobond Wet Room Waterproof Membrane to wall. It is not necessary to coat the Premier Shower Deck (only around the drain collar) as it is waterproof. Allow to dry. (If desired the remaining floor area can also be tanked following procedures in the previous pages.) Apply the second coat of membrane over walls and Wet room components to ensure a good seal is achieved. The optimum thickness of the membrane to be minimum 0.6mm for the two coats. Allow to dry for at least 2 hours before commencing tiling.
7. Press the tiles into the recommended adhesive with slight sliding or twisting action. Tiles may be fixed directly to the edge detail of the Wet Zone Base and the Premier Shower Deck.
8. Fill joints between tiles using the recommended grout.
9. Insert movement and perimeter joints to internal corners and at wall and floor junctions.
10. To complete the Wet Zone select a shower screen from the N&C Range.



Nicobond Wet Room Waterproofing Membrane



Nicobond Wet Room Waterproofing Pipe Collars (self adhesive)



Nicobond Wet Room Waterproofing Corners and Tape (self adhesive)

Recommended Tile Adhesives



Nicobond Rapidflex Fibre S2

Nicobond Rapidflex S1

Recommended Tile Grout

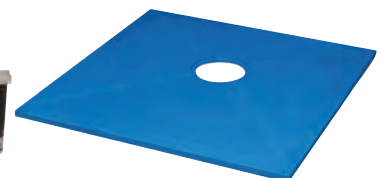


Nicobond Flexible Grout Plus



Nicobond Starlike Extreme Performance Grout  
Nicobond Starlike Sparkle

Featured Product



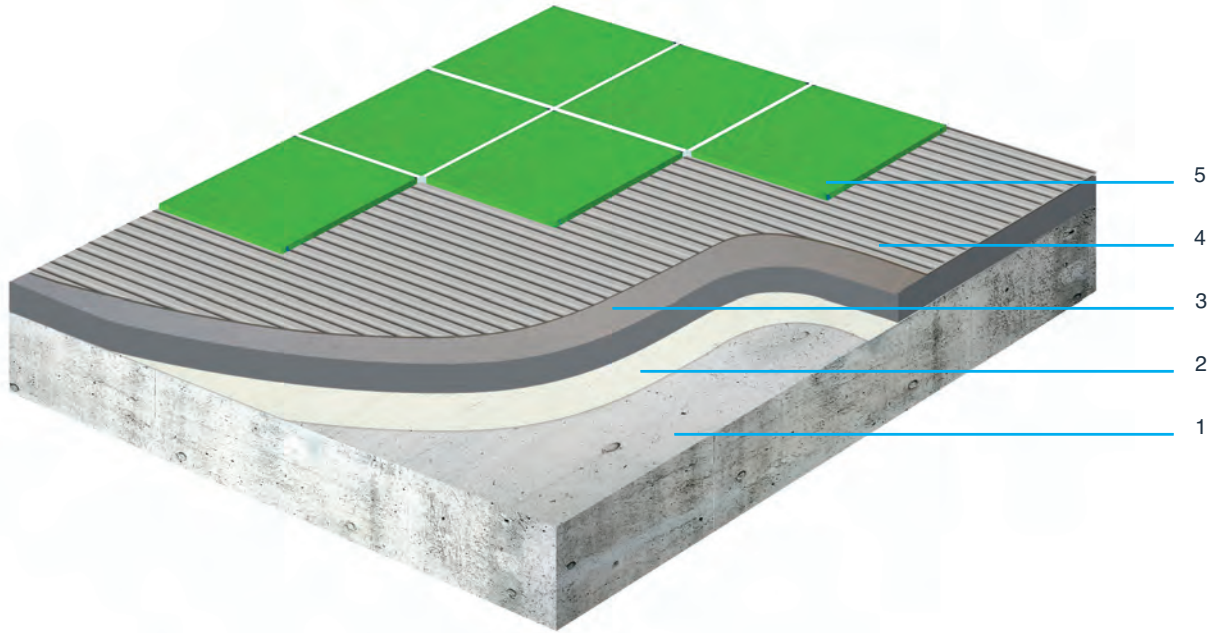
Nicobond Premier Shower Deck

Alternative Adhesives:  
Nicobond Flexible Fibre S1  
Nicobond uickflex S1  
Nicobond Aquagrip

Alternative Grouts:  
Nicobond Tilers Grout/Enhancer 2002

Other Featured Products  
Nicobond Waterproof Tanking System

## Levelling prior to ceramic tiling



1. Ensure the concrete base or Cement screed has fully cured and is clean, sound and dry.
2. If the sub-floor is porous, prime with diluted Nicobond Primer in the ratio of 4 volumes of water to 1 volume of Nicobond Primer and allow to dry.
3. Apply ScreedPro Level Floor up to 50mm thick in one application according to the instructions.
4. Solidly bed tiles into suitable adhesive 3-6mm deep using slight sliding action. Allow to dry to recommended time.
5. Fill joints between tiles using recommended grout.

Suspended floor or direct to ground base must have an effective damp proof membrane installed.

### Recommended Screeds



ScreedPro Level Floor

### Alternative Screeds



ScreedPro Cement Mix



ScreedPro Latex

### Featured Products



Nicobond Primer

### Recommended Tile Adhesives



Nicobond Rapidflex Fibre S2



Nicobond Flexible Fibre Adhesive S1



Nicobond Rapidflex S1

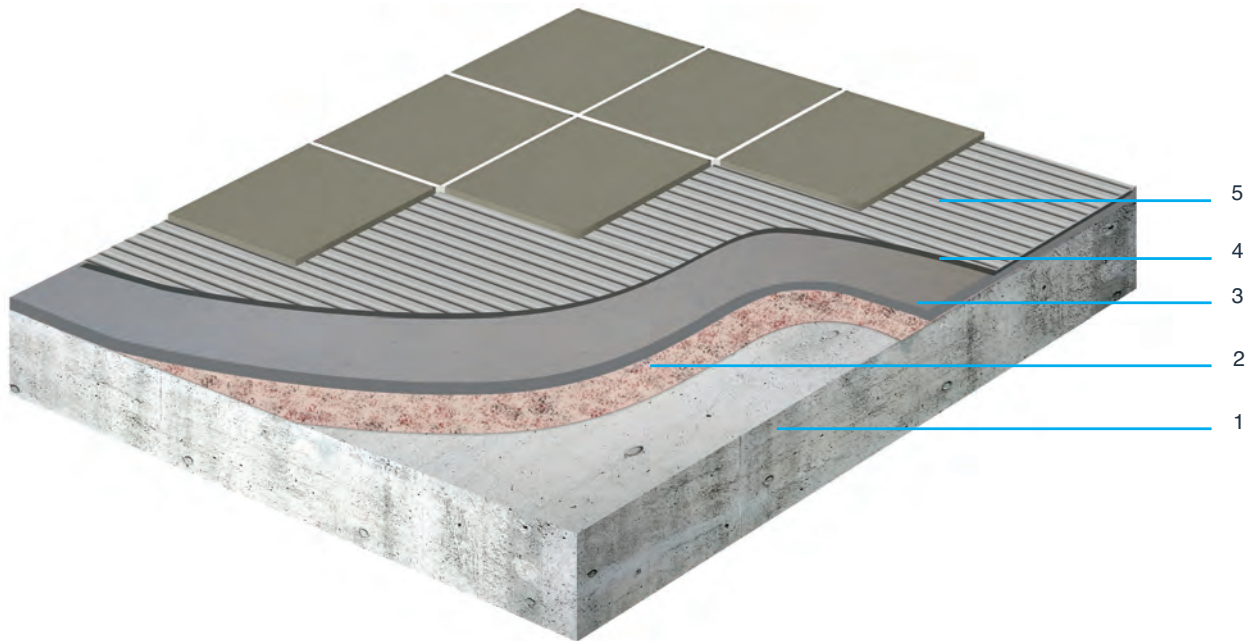


Nicobond Large Format Flex S1



Nicobond Ecoflex Carbon Neutral Adhesive

## Fast Track Floor Refurbishment for floor coverings



1. Remove existing hard vinyl floor tiles from the sub-floor. Ensure the base is sound and dry.
2. Remove as much of the residual flooring adhesive as possible and ensure remaining residues are hard and not water softenable.
3. Apply the ScreedPro All Purpose up to a maximum of 6mm thick on residues according to the instructions and allow to dry.
4. Apply a layer of the recommended adhesive and press tiles with a slight sliding or twisting action.
5. Fill joints between tiles using the recommended grout.

Suspended floor or direct to ground base must have an effective damp proof membrane installed.

### Recommended Screeds



ScreedPro  
All Purpose

### Recommended Tile Adhesives



Nicobond  
Rapidflex Fibre  
S2



Nicobond  
Rapidflex  
S1



Nicobond  
Large Format  
Flex S1

### Recommended Tile Grout



Nicobond  
Flexible Grout Plus



Nicobond  
Tilers Grout



Nicobond  
Starlike Extreme  
Performance Grout

## Reference Documents

The recommendations in this publication and on our website [www.ncnicobond.com](http://www.ncnicobond.com) are made in good faith for the guidance of specifiers and users. Clarification of any system employed must be sought from the local branch or Technical Team before commencing work. Our company pursues a policy of continuous research and development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however, since conditions of use and workmanship are outside our control, the advice is given without responsibility on our part. Please always ensure you are working from the current copy of our directory.

Any colour representations in this publication are as near to actual as the printing process will allow. Colours should always be selected from an actual sample prior to use. The same colour name may appear in several product groups, particularly with grouting compounds. Due to the varying nature of the groups this should not be construed as meaning the colour will provide an exact match. All colours should be checked for suitability prior to the commencement of work.

Always use clean mixing equipment and tools, which should be washed in water immediately after use. Residual adhesive or grout must be washed from the face of tiles before it sets, particularly in situations where Nicobond Enhancer 2002 or epoxy products have been used.

When mixing cement based adhesives, grouting compounds and screeds the powder must always be added to the liquid. In the majority of instances on site a quicker, smoother mix will be achieved by using a Nicobond mixing whisk in a slow speed electric drill to blend the powder/liquid elements. It is also particularly appropriate when adding Nicobond Granite Chippings into a previously blended Nicobond screeding compound.

When blending screeding compounds in small quantities, any buckets used must always be thoroughly cleaned between each application. Residual quantities of material may speed up the setting time of subsequent blends.

Coverage figures quoted do not include wastage and are dependent upon the condition of surface and type of tile.

All quoted setting times are given in good faith and established in a controlled laboratory environment at 20°C and 50% relative humidity. This is to ensure consistent results; however adverse weather or site conditions may extend or shorten these times. When fixing porcelain or fully vitrified tiles quoted setting times will be extended except for our epoxy based materials.

Nicobond ready mixed paste and cementitious based adhesives and grouts used for tiling are not designed to form, in themselves, a water impermeable membrane.

Nicobond ready mixed paste adhesives are not suitable for tiling to plastics, fibre-glass, or metal surfaces and are not suitable for continuous immersion in water. For dispersion adhesives of this type to provide a satisfactory bond either the tile or the substrate must be absorbent.

Consideration must also be given to placement of movement and expansion joints. Since selecting the type and location of joints involves consideration of construction materials, bedding systems, anticipated temperature and humidity conditions, areas concerned and setting out of the tiling, it is the responsibility of the designer to incorporate joint details at the design stage. BS 5385 refers.

Nicobond Silicone Sealant should always be used to seal between surfaces subject to any differential movement such as where tiles abut or between tiled wall & shower tray, also for filling expansion joints in vertical surfaces.

A diverse range of substrates is now presented to the specifier or fixer when considering ceramic wall and floor tiling and similar cladding materials, or the application of screed and rendering.

Tile backer boards are becoming increasingly popular and all such proprietary products or similar substrates must be suitable for the intended purpose and have been fixed strictly in accordance with the manufacturers instructions.

To avoid failure which may follow from the debonding of any original adhesive, it is recommended that any residual quantities be removed to expose approximately 80%, evenly distributed, of the original surface.

Whatever the surface involved it must be fully cured, dimensionally stable, clean, dry, and free from dust, laitance or any other contamination which will reduce adhesion.

Good adhesion to the sub-floor is very important to guarantee the successful application of any thin screed or underlayment. Direct to earth sub-floors must have an effective DPM (seek technical advice). All Nicobond products should be mixed and applied in accordance with the relevant and most current product data sheet.

Nicobond products should not be used to make good screeds or any other substrates that are either structurally weak or have a friable surface.

Do not add additional water to the single part water based products or additional liquid to the latex based products as this will reduce the final performance of the cementitious underlayments.

Do not apply any Nicobond screed product below 5°C or above 25°C; the temperature of the substrate must be carefully considered and included in your temperature calculations before using any cementitious screed product.

Concrete curing agents, admixtures and surface hardeners and the residues of these products can impair adhesion. Where doubt exists or the compatibility is unknown a trial adhesion test should be carried out before the work commences. All surfaces must be clean, sound and free from dust, plaster droppings, bitumen, grease, paint, polish and any water softenable or loosely adhered materials.

### Gypsum / Calcium Sulphate / Anhydrite based Screeds

Gypsum and anhydrite based screeds also require careful consideration in respect of moisture content, surface finish and chemical compatibility. The screed should be tested for moisture according to BS8203:2001+A1:2009. The recommended methods are Hair/Electronic Hygrometer—The test is non destructive and provides reliable results for a relative humidity of 75%. Carbide Bomb—Destructive but gives a direct measurement of moisture content. Oven Drying—Time consuming but also gives a direct measurement. Note —Electronic metres are not suitable for accurate determination of the moisture content of calcium sulphate screeds.

It is the installers responsibility to take all necessary precautions in terms of taking moisture readings to satisfy themselves that the floor is adequately dry prior to applying Nicobond flooring products. These screeds are commonly applied by pump which leaves a laitance on the surface and it is the flooring contractors responsibility to return after 2 or 3 days to sand this off.

These screeds contain Calcium Sulphate which can be problematical if they come into contact with cement (screed or adhesive) in the presence of moisture. Under these circumstances a chemical reaction can take place. It is necessary to create a barrier utilising a priming system or disconnecting mat (unless Nicobond Gypfix is used for tile fixing) to prevent the formation of Ettringite, an expansive crystalline product which can lead to delamination of the screed or tile bed.



As a general guide the following should be noted and acted upon accordingly.

- "New plasterwork should have been completed at least 4 weeks previously and should be dry throughout. Tiles should only be fixed to the finish coat, never direct to the backing coat. Plasterwork is unsuitable as a background for tiling in wet areas."  
(BS 5385: Part 1: 2009 Section 6 Table 3d).
- "New concrete, concrete blocks and bricks and calcium silicate bricks should be left for at least 6 weeks before rendering or direct fixing is commenced. Cement: sand mortar rendering should be left for 2 weeks before tiling is applied."  
(BS 5385: Part 1: 2009 Section 6 Table 3a).
- "At least 6 weeks should be allowed for structural floors to undergo initial drying shrinkage. If a screed is subsequently to be applied the screed should be left for at least a further 3 weeks."  
(BS 5385: Part 3: 2014 Section 4.3).
- "Timber is not considered to be a suitable base for floor tiling in wet, frequently damp, or high humidity areas, unless appropriate precautions are taken (BS 5385-4). Noggins might be required between joists in order to achieve the required rigidity. The limit of deflection normally permitted for domestic timber floors (see BS 5268-2) might be too great to avoid damage to tiling systems."
- "As the floor coverings, adhesives and smoothing compounds may be adversely affected by moisture, sub-floors should be so constructed as to protect the floor covering installation from moisture or water vapour from the" (see BS 8203: 2001: 3.1.4)
- For additional information and guidance on tiling to Calcium Sulfate based screeds refer to The Tile Association publication "Tiling to Calcium Sulfate Screeds."

For adhesives or screeds to perform according to specification it is important that the porosity of such surfaces is reduced to acceptable levels. Highly porous cementitious based surfaces such as aerated concrete or aerated blocks must be sealed using system 2 below, as a minimum. Should any doubt remain concerning porosity then a slurry priming coat according to system 1 should be applied and allowed to set before further work proceeds.

Nicobond recommends three basic procedures for priming or sealing and reference to the following systems will appear throughout this section.

| System 1 - Slurry Priming  | System 2 - Priming/Sealing Exterior  | System 3 - Priming/Sealing Interior   |
|--|--|---|
| <p>A most effective primer for all cement based adhesives &amp; screeds, internally and externally, is to brush tightly onto the surface a thin even layer of a well stirred mixture of:</p> <p>1 volume water<br/>1 volume Nicobond Primer<br/>1 volume of Nicobond cement based product that will then be used.</p> <p>The layer should normally be allowed to set for a few hours before work progresses.</p> <p>Coverage: Approximately 5 - 6m<sup>2</sup> per litre of Nicobond Primer.</p> | <p>For the simple priming/sealing of all cementitious &amp; other surfaces particularly for exterior work, brush into the surface a thin even layer of:</p> <p>4 volumes water<br/>1 volume Nicobond Primer mixed by thorough stirring.</p> <p>The layer should be allowed to dry slightly before applying Nicobond smoothing compounds or adhesives.</p> <p>Coverage: Approximately 30m<sup>2</sup> per litre of Nicobond Primer.</p> | <p>For the simple priming/sealing of most interior surfaces brush apply a thin even layer of a blend of:</p> <p>4 volumes water<br/>1 volume Nicobond Universal Bonding Agent and Sealer mixed by thorough stirring.</p> <p>Allow the layer to thoroughly dry before continuing.</p> <p>Coverage: Approximately 30m<sup>2</sup> per litre of Nicobond Universal Bonding Agent and Sealer.</p> |

Application Methods for Fixing Ceramic Tiles, Mosaic and Natural Stones

### Nicobond Enhancer 2002

Our unique liquid additive is suitable for use with a number of our cementitious adhesives and grouts within the Nicobond range.

Detailed mixing ratios are contained within the data pages for appropriate products. However the following table for the number of litres required per 20 kilo bag may be found useful as a quick reference.

| Product                     | Enhancer 2002 | Water    |
|-----------------------------|---------------|----------|
| Nicobond Rapid Tile & Stone | 2.0 ltrs      | 2.6 ltrs |
| Nicobond Xtra Tile & Stone  | 3.0 ltrs      | 3.0 ltrs |
| Nicobond Quickflex          | 2.5 ltrs      | 2.5 ltrs |
| Nicobond Standard Set Flex  | 2.0 ltrs      | 3.0 ltrs |
| Nicobond Quickfix           | 1.4 ltrs      | 3.0 ltrs |
| Nicobond Tilers Grout Grey  | 1.0 ltrs      | 3.0 ltrs |
| Nicobond Tilers Grout White | 1.4 ltrs      | 5.6 ltrs |

## Adhesive Application Techniques

### Thin Bed Ceramic Wall Tile Adhesives

Spread the prepared adhesive with the straight edge of a Nicobond Notched Trowel to a maximum depth of 3mm. Reverse the trowel and comb the adhesive with the notched edge, ensuring that continuous horizontal ribs of adhesive are formed.

### Solid Bed Ceramic Wall Tile Adhesives

Working up to the maximum bed thickness specified for the product spread the prepared adhesive with the straight edge of the Nicobond Notched Trowel. Reverse the trowel and lightly comb the surface of the adhesive with the notched edge ensuring that continuous, horizontal ribs of adhesive are formed. In areas of high moisture or for exterior work, the solid bed fixing method, i.e. no voids behind the tiles, must be used.

### Solid Bed Ceramic Floor Tile Adhesives

The mixed adhesive should be applied with the straight edge of the Nicobond Notched Trowel up to the maximum depth specified for the product. Lightly comb over the surface of the adhesive using the notched edge of the trowel. Do not press trowel through the full depth of adhesive. Where tiles have deep keys or studs, spread the adhesive onto the back of the tile to fill the keys or spaces between the studs.

## Bonding Of The Tiles

Fix dry tiles immediately pressing them firmly into position with a slight sliding or twisting action. Where appropriate, the adhesive can be spread both onto the surface as described above, and buttered on the backs of the tiles. Which ever method is used, the tiles should be firmly tamped or pressed home to ensure solid bedding without voids (particularly on flooring installations). Floors should not be opened to any traffic until the adhesive has hardened. From time to time remove a tile to check that full contact has been made with the adhesive bed. Exterior installations must be protected from rain and frost until the adhesive has fully set. Where fixing is carried out in hot conditions, the finished tiling should be protected from direct sunlight to avoid premature drying. Adjustments to tiling can usually be made for between 10 and 20mins after fixing, refer to the Nicobond Tiling Products Directory for individual product information.

### Mosaics

Spread a thin, even layer of adhesive and lightly comb the surface. Apply the mosaic sheet ensuring that all the tesserae are in complete contact with the adhesive. When laying paper faced mosaics, the sheets may be back grouted prior to fixing, alternatively grouting may be completed once the adhesive has set sufficiently for the paper to be removed. The use of our unique Nicobond Mosaic Adhesive & Grout will aid fixing and ensure complete uniformity of colour throughout.

### Large Size Floor Ceramics

Nicobond Large Format adhesive provides a fast, convenient solution for achieving solid bed fixing of large size floor cladding and can be used at thicknesses from 4mm - 30mm. Immediately after mixing pour the adhesive on to the floor, working in small areas to avoid premature drying. Comb out with a trowel having rounded notches 10mm deep at 30mm centres and solidly bed the dry tiles into the adhesive ensuring there are no voids.

### Marble, Granite or Natural Stones (Slabs and Tiles)

Whilst thinner slabs/tiles of marble or granite can be fixed using Nicobond ready mixed thin bed or cementitious adhesives, our Nicobond Natural Stone Speedflex is our preferred adhesive for larger tiles or slabs. Ensure that any dust is removed from the reverse of the slab. Spread mixed adhesive evenly onto the slab up to a maximum thickness of 12mm and to within 5cm of the edge. Press the slab firmly onto the surface with a twisting or sliding action. Remove any adhesive from slab face before it hardens. Slabs being fixed in a vertical position may require supporting during the initial setting period.

Building Regulations may also require mechanical fixing.

## Grouting Notes

Ensure that the adhesive has set, that all joints are dry, clean and free from all loose materials. Check that the grout selected is correct in terms of joint width and depth and relevant to the service conditions. Do not grout more than 1 - 2m<sup>2</sup> at a time.

Tiles with a soft glaze or Metallic finish such as silver or 18 carat gold are prone to scratching; care must be taken in the selection of the grout to ensure it is not too abrasive for the tile chosen. If in doubt always carry out a small trial prior to grouting

Tiles which have been fixed to impervious surfaces such as concrete, glazed brick, existing glazed tiles or oil based paint should not be grouted for several days after completion of fixing, this will allow the moisture from the adhesive to dry out through the joints.

Grouted swimming pools should remain empty for 3 weeks before being filled with 'balanced' water. Pools may be filled with salt water if desired, except where the sulphate content is very high.

Using the Nicobond Grouter or Nicobond Float Grouter the grout must be worked well into the tile or mosaic joints ensuring that they are completely filled. Immediately remove any surplus grout from the tiled surface. Before the grout sets wipe the complete area with a clean, damp cloth or sponge, avoiding products e.g. highly pigmented sponges, which may cause the grout line to discolour. Tile joints should then be finished off to the desired effect. Final polishing of the tiles may be carried out with a clean dry cloth once the film of grout remaining on the surface has dried. Allow grout to fully dry before bringing into use.

When re-grouting an existing installation ensure that the old grout has been thoroughly raked out of the joints, taking care not to damage the glazed edges of the tiles. Excessive use of water when mixing or during application may cause shade variation, efflorescence, pin holing or dusting of the grout and must be avoided.

If using acid or chemical systems to clean grouted installations grouted with cementitious products it is essential to pre-soak the grout lines with clean water. Clean water must also be used to thoroughly wash off all remaining traces of the cleaning system.

With all cementitious grouting compounds it is important to follow the recommended ratio given for mixing powder to water and to employ the same technique when finishing the grout line. Should water ratios vary excessively this can effect the final colour, as will different methods of finishing off.

For large floor areas, rotary floor scrubbing machines fitted with special squeezy blades can be used to rapidly consolidate grout into the joints and assist in the cleaning process.

### Coloured Grouting

Before any coloured grout is applied we recommend that a trial be carried out on a sample tile to ensure that staining of the tile surface or tile edges does not occur since N&C Building Products Limited will not accept responsibility for staining. All the ready blended colours of our cementitious grouts are intermixable within the product group to extend the colour range. High strength pigments are used in the manufacture of all Nicobond Coloured Grouts, however care should be taken in the selection and application of cleaning and maintenance chemicals as otherwise, some discolouration may occur. Waterborne chemicals in swimming pools may cause a bleaching effect and we do not recommend the use of coloured grout, other than epoxy based material. Aggressive or unbalanced water will have a detrimental effect on any cementitious grouts and in extreme cases, any epoxy product.

## Discolouration In Tile Grouts

Grout discolours because of poor installation techniques, improper cleaning methods, laitance, and improperly cured setting beds. Colour differences can occur in different parts of an installation because the grout is allowed to cure at different rates. Uneven curing causes uneven colour. Inconsistent mixing and installation techniques also cause uneven colour.

### Common causes of grout discolouration

| Darker colour          | Lighter Colour                                  |
|------------------------|---|
| Absorptive tile        | Non-Absorptive tile (fully vitrified/porcelain) |
| Low humidity           | High humidity                                   |
| Dry grout mix          | Wet grout mix                                   |
| Late finishing process | Early (wet) finishing process                   |
| Deep joints            | Shallow joints                                  |

### White Grout turning Yellow?

Tile adhesive and grout manufacturers have highlighted a phenomenon whereby under certain conditions standard grade white cementitious tile grouts turn yellow. This condition is totally unpredictable and so far has proved to be an unsolvable conundrum in so far as standard grade grouts are concerned. The information we have is that this problem does not occur with highly polymer modified grout products.

The circumstances are so bizarre that a number of rooms in a dwelling can be grouted with the same grout yet not all rooms are affected. The tile fixer can use the grout in one location e.g. kitchen and it remains white yet move to another location e.g. the bathroom and the same material from the same bag of grout turns yellow. The fact that these inconsistencies arise has led the manufacturers to the conclusion that the grout is not faulty – indeed if in other areas the grout has remained white then the claim is justified.

From reports received, it is apparent that it occurs in high humidity locations such as bathrooms and that light and heat also have a role to play, one report sited an example whereby the whole of the bathroom wall grouting turned yellow with the exception of an area behind the towel rail which remained white. There are suggestions that the problem is regional i.e. in soft water areas (but it has been reported in hard water areas also), that it is seasonal with a higher proportion of complaints being received in the Spring and Autumn with virtually none in the Summer.

From the manufacturers perspective all manner of tests have been carried out from close examination of all the raw materials to the products end use, the difficulty is that it is virtually impossible to replicate the conditions in a laboratory to recreate the effect.

As a result of this investigation it has been found that bleach based cleaning agents do appear to successfully overcome the problem and in the majority of cases the yellowing does not reappear. As far as the consumer is concerned it remains a case of trial and error if it occurs then cleaning with bleach may solve the problem otherwise it will be a matter of regrouting with a polymer modified grout or of course selecting a polymer modified product at the outset.

This phenomenon has been a topic of conversation on various Tile Forums for some considerable time and it is felt that an open and honest approach needs to be made for the benefit of the consumer, the tile fixer and the manufacturer.

Please refer to [www.ncnicobond.com](http://www.ncnicobond.com) download section for further information on discolouration in tile grouts.

### Epoxy Grout

When preparing epoxy adhesives or grouts full instructions on the packaging should be followed. It is important that any liquid components which may contain pigment are thoroughly stirred to ensure good distribution. It is also essential that all components are mixed as a complete kit; do not attempt to make up part mixes as these may not subsequently cure. Do not grout more than ½ -1m<sup>2</sup> at a time with epoxies.

The use of correct tools is essential when applying Nicobond Starlike Grout. Use the Nicobond Epoxy Float Grouter to work the grout into the dry joints, ensuring they are completely filled. Remove all excess mortar from the surface of the tiles with the edge of the float grouter. Any remaining material

can be cleaned off within the working time using the correct Emulsifying pad with a little water and applying gentle pressure, working in circular movements to emulsify the residues on the tile face. Carefully remove the resulting slurry with a squeezed out sponge, wiping the tile surface once before rinsing again in clean water. To remove any remaining film of StarlikeGrout residue from the surface, allow the grout to set for 24 hours and then apply Nicobond Resin Cleaner onto the surface. Use the white emulsifying pad in a circular motion to remove the haze. Wash off the surface with clean water and polish with a dry cloth.

### Calculating Grout Requirements

A useful guide to calculating the requirements of cementitious grouts for any tiling installation is as follows:

$$\frac{(\text{tile length} + \text{tile width}) \times \text{tile thickness} \times \text{joint width}}{\text{tile length} \times \text{tile width}} \times \text{Factor of 2}$$

For Nicobond Easiclean Epoxide use a factor of 1.8kg/m<sup>2</sup>.

For Nicobond Starlike Grout use a factor of 1.8kg/m<sup>2</sup>.

An example of this would be as follows:

$$\frac{(330\text{mm} + 250\text{mm}) \times 8 \times 3}{330 \times 250\text{mm}} \times 2$$

Resulting Coverage = 0.34kg/m<sup>2</sup>

### Coverage Guide

|                                | Joint Width | Coverage               |
|--------------------------------|-------------|------------------------|
| Wall Tiles                     |             |                        |
| 15 x 15 x 0.6cm                | 2mm joint   | 0.3kg/m <sup>2</sup>   |
| 20 x 10 x 0.6cm                | 2mm joint   | 0.2kg/m <sup>2</sup>   |
| 20 x 30 x 0.6cm                | 2mm joint   | 0.2kg/m <sup>2</sup>   |
| 60 x 30 x 0.10cm               | 3mm joint   | 0.3 kg/m <sup>2</sup>  |
| Mosaic Sheet 25 x 25mm Tessara |             |                        |
| 30 x 30 x 0.4cm                | 1.5mm joint | 0.96kg/m <sup>2</sup>  |
| Floor Tiles                    |             |                        |
| 30 x 30 x 0.8cm                | 4mm joint   | 0.43 kg/m <sup>2</sup> |
| 60 x 60 x 0.8cm                | 4mm joint   | 0.21 kg/m <sup>2</sup> |

### Shelf Life

Unless otherwise stated Nicobond products have a shelf life of 12 months in unopened packaging from the date of packing. Please refer to our website [www.ncnicobond.com](http://www.ncnicobond.com) for individual data sheets for specific advice.

### Storage

Nicobond products must be stored clear of the ground and in dry conditions, protect from frost, direct sunlight and extremes of heat and humidity.

### Material Safety Data Sheets

The relevant Material Safety Data Sheet can be obtained from our website [www.ncnicobond.com](http://www.ncnicobond.com) or directly from N&C Building Products Ltd at the address below.

### Manufacturer's Warranty

All Nicobond adhesives, grouts and screeds are covered by our lifetime manufacturer's warranty. If our products are proven to be defective by reason only of manufacturing workmanship we will, at our discretion, provide replacement product free of charge.<sup>2</sup>

Faulty installation or non compliance with the current BS/EN Standard or The Tile Association recommendations/papers relating to substrates, the application of material and inappropriate use are excluded from this warranty and our liability is limited to the cost of replacement only on production of purchase invoice or receipt.

## Reference Documents

The advice given in this publication is based on the following British and EN Standards, Codes of Practice and The Tile Association's extensive range of technical publications and should be referred to if further guidance is required.

BS 5385 - 1: 2009

Wall and floor tiling. Code of Practice for the design and installation of internal ceramic and natural stone wall tiling and mosaics in normal conditions.

BS 5385 - 2: 2015

Wall and floor tiling. Design and installation of external ceramic and mosaic wall tiling in normal conditions. Code of practice.

BS 5385 - 3: 2014

Wall and floor tiling. Design and installation of internal and external ceramic floor tiles and mosaics in normal conditions. Code of practice.

BS 5385 - 4: 2009

Wall and floor tiling. Design and installation of ceramic and mosaic tiling in special conditions. Code of practice.

BS 5385 - 5: 2009

Wall and floor tiling. Design and installation of terrazzo, natural stone and agglomerated stone tile and slab flooring. Code of practice.

BS EN ISO 10545 Ceramic Tiles

BS EN 14411:2012

Ceramic Tiles: Definitions, classifications, characteristics, evaluation of conformity and marking.

BS EN 13914-1:2016

Design, preparation and application of external rendering and internal plastering. External rendering

BS 5325: 2001

Installation of textile floorcoverings – Code of practice

BS 6925: 1988

Mastic asphalt for building and civil engineering (limestone engineering)

BS 6093:2006 +A1:2013

Design of joints and jointing in building construction.

BS 8000 Series

Workmanship on building sites. Code of practice.

BS 8201: 2011

Code of practice for flooring of wood and wood based panels.

BS 8203: 2001+ A1:2009

Code of practice for installation of resilient floor coverings

BS 8204 -1:2003 + A1:2009

Screeds, bases and in-situ floorings. Concrete bases and cement sand levelling screeds to receive floorings. Code of practice.

BS 8204-3:2004+ A1:2011

Screeds, bases and in-situ floorings. Polymer modified cementitious levelling screeds and wearing screeds. Code of practice.

BS 8204-5: 2004 + A1:2011

Screeds, bases and in-situ floorings Part 5: Code of practice for mastic asphalt underlays and wearing surfaces

BS 8204-7:2003

Screeds, bases and in-situ floorings. Pumpable self-smoothing screeds. Code of practice.

BS EN 12706: 2000

Adhesives – test methods for hydraulic setting floor smoothing and/or levelling compounds. Determination of flow characteristics

BS EN 13813:2002

Screed material and floor screeds. Screed material. Properties and requirements

BS EN 13318: 2000

Screed material and floor screeds – Definitions

BS EN 14891: 2012

Liquid applied water impermeable products for use beneath ceramic tiling bonded with adhesives - Requirements, test methods, evaluation of conformity, classification and designation.

BS EN 13748-1: 2004

Terrazzo tiles - Terrazzo tiles for internal use.

BS EN 13748-2: 2004

Terrazzo tiles - Terrazzo tiles for external use.

BS EN 14618: 2009

Agglomerated Stone. Terminology and classification

BS EN 13892-2: 2002

Methods of test for screed materials. Determination of flexural and compressive strengths.

The Tile Association - Technical Publications.

## CE Marking of Tile Adhesives

With effect from July 2013 CE marking became mandatory for tile adhesives in the UK. In order to be CE marked, tile adhesives must comply with the essential requirements of the relevant Harmonised EN Standards set out under the Construction Products Regulation (CPR).

The CE mark is a fitness for purpose mark linked to the essential requirements listed within the above standard and in essence is a 'passport' which allows our tile adhesive products to be placed on the market in any EU member state. To determine the quality of tile adhesives requires reference to all parts of the standard, whereas CE marking requires compliance with only specific conditions.

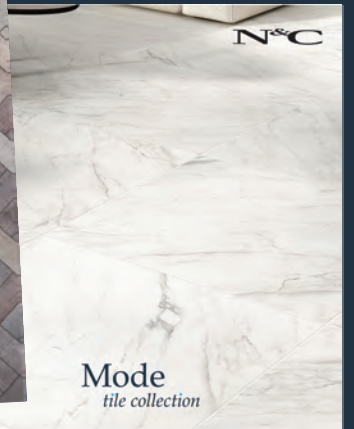
1. Subject to our standard delivery schedule.
2. Subject to terms and conditions, please ask for a copy of the N&C Nicobond warranty if required.

NEW



# Mode & Synergy

Make your next project a style icon with our glamorous range of on-trend tiles which feature within our collection of catalogues. Find the ideal tile within our Mode and Synergy catalogues.





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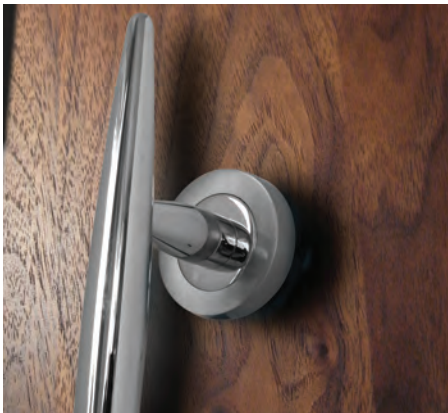
## ADHESIVES

We manufacture innovative, high performance adhesives, grouts and tiling systems through our Nicobond brand, within our UK based factory.



## WALL & FLOOR TILES

N&C are leading suppliers of award winning ceramic, porcelain and natural stone wall and floor tiles.



## IRONMONGERY

As ironmongers since 1875, and as part of the Guild of Architectural Ironmongers, we specialise in everything required in washrooms



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As leading manufacturers, we provide quality materials for required safety flooring, such as Nicobond Ikon Wetroom Safety Vinyl sheet, vinyl tiles and screeds.



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From contemporary and classic, we have a broad collection of baths in a range of shapes and styles perfect for hotels.



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Through our Phlexicare brand, N&C are leading manufacturers and distributors of independent living solutions designed for people with all levels of abilities, covering accessible showering, multi user kitchens and more.



## DECORATING

Our builders merchant division offers all the popular trade brands for decorators and building professionals.



## GLASS & GLAZING

As the UK's leading independent supplier of commercial and domestic glass and glazing products, we can offer unrivalled solutions at competitive prices.

Contact your local branch or Sales Representative for dedicated literature.  
Alternatively, visit [www.ncnicobond.com](http://www.ncnicobond.com)

# N&C

Nicholls & Clarke Group

N&C Building Products Ltd.  
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Registered in England  
www.nichollsandclarke.com  
Code: Y50601



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