




Flooring Systems

the directory



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 90 commercial vehicles. This gives us an increased level of logistical control from the point of manufacture through to delivery to site. We offer a nationwide delivery service to any address. We also offer an express collect service from 18 addresses.

The quality manufacturers of flooring & tiling

Quality Flooring Products that Perform

N&C Nicobond are British manufacturers and distributors of high quality flooring products and systems with 50 years experience in the development and manufacture of high performance smoothing compounds and over 60 years as inventors and innovators within the adhesive industry.

Our factory in Stoke on Trent offers an unrivalled level of technical expertise, paired with industry leading laboratories and the latest developments in raw material and processing technology.

The latest Nicobond 'Screedpro' range of smoothing compounds 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.

Nicobond products have been used internationally for decades in some of the most demanding commercial projects imaginable, establishing high levels of confidence in the marketplace.



Experience

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

Total Solution Providers

As part of the Nicholls & Clarke Group, we have the ability to offer the complete flooring and 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 & 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 150 years of combined experience in the flooring and tiling 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 with no minimum order requirement. N&C Nicobond operates from 17 branches nationwide, so can offer localised delivery, or with thousands of product lines in stock, there is the option to collect.

Environment

As an ISO14001 accredited 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, & in turn increasing our customers' green credentials.

Customer Care

We aim to provide our customers with an outstanding level of customer service that will help to further enhance the service offered to your clients. We monitor our performance levels and strive to achieve 100% customer 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.

Commercial

Retail

Industrial

Restaurants & Bars

Healthcare

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 alternatively email us at info@nichollsandclarke.com

Warranties

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

Contract Manufacturing

We provide a contract manufacturing service for numerous flooring product manufacturers who benefit from the experience and expertise of our Nicobond factories. Enquire for more information.

Trade Associations & Technical Committees

N&C Nicobond has been heavily involved in the creation of British & European Standards for decades. We are members of the Contract Flooring Association (CFA) and have chaired The Tile Association (TTA) and their Wetroom Technical Committee.

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.

Product Quality

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



British Manufacturers



Contents

About Us	2 - 11
ScreedPro Smoothing Compounds	12-21
ScreedPro Screed	23
Ancillary Products	24-27
Preparation & Moisture Control	28-33
Nicobond Flooring Adhesives	34-40
Underfloor Heating	41
Flooring Tools	42-45
Flooring Solutions Guide	46 - 59
Product Selector	60-63
Important Notes	64-65



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 access 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.

As manufacturers and distributors, Nicholls & Clarke has made a corporate commitment to improving its environmental performance through an Environmental Policy. This provides the framework for all our work, whether it is in relation to energy efficiency, sustainable waste management or sustainable transport.

Carbon Footprint

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

Portland Cement Free

We have developed a range of Portland Cement Free screeds to lower the negative impact surrounding the construction industry and wider environment.

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.

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 screeding or tiling contractor the performance and handling characteristics they require.

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.

We have started to invest in all electric commercial vehicles as part of our environmental strategy to reduce our Groups carbon footprint.

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.

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. Many of our formulations contain recycled raw materials further reducing our effect on the environment.

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.

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.



Nicobond quality assurance

All Nicobond products are manufactured to the highest quality standards using state of the art equipment under the supervision of our highly experienced and highly qualified team in our laboratories. The manufacturing process follows exhaustive product development and the selective use of raw materials from approved suppliers with the required Certificates of Quality and Conformity. Every batch of material produced is then rigorously tested to conform to our stringent laid down parameters.

Guide to Screed Material and Floor Screeds - British and European Standard Classifications

BS EN 13318: 2000

Screed material and floor screeds - Definitions

BS EN 13813 : 2002

Screed material and floor screeds - Screed Material – Properties & requirements.

BS EN 13892-2: 2002

Methods of test for screed materials.

Determination of flexural and compressive strength

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

BS EN 12706:2000

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

Reference Documents

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

BS 8203: 2017

Code of practice for installation of resilient floor coverings

BS 5385-3: 2014

Design and installation of internal and external ceramic and mosaic floor tiling in normal conditions – Code of practice

BS 5385-5: 2009

Design and installation of terrazzo, natural stone and agglomerated stone tile and slab flooring – Code of practice.

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 timber, timber products and wood based panel products

BS 8203

Code of practice for installation of resilient floorcoverings

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+A2:2011

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

CE Marking of Floor Screeds

The CE mark is a fitness for purpose mark linked to the essential requirements listed within the relevant standard and in essence is a 'passport' which allows our floor screed products to be placed on the market in any EU member state. With effect from 1 July 2013, under the Construction Products Regulation (CPR), it became mandatory for manufacturers to apply CE marking to any of their products covered by a harmonised European standard (EN) or a European Technical Assessment (ETA). Where appropriate our products are CE marked and accorded a D.O.P. number. This Declaration of Performance is available on request to all of our customers.

Quality Management

Our factories are all certified to ISO 9001 which delivers a disciplined work environment, effective strategies and is beneficial in improving customer service. This internationally recognised standard and mark of quality enables Nicobond to participate in tenders with all purchasing authorities without the need for further assessment and pre-qualification.

Environmental Management

In addition to Quality Management Nicobond is also very conscious of the environment and it's "Green" credentials and is certified to ISO 14001.

This internationally recognised standard plays an important role in demonstrating our environmental credentials. Our factories are tasked with conserving energy, sourcing responsibly, using local raw materials wherever possible and reducing waste.

We are proud of our participation in this program and we continually strive to reduce our resource usage and lessen our impact on the environment



Nicobond flooring case studies

Over the last 50 years, our Nicobond factory have been manufacturing and supplying high performance, quality flooring products. Here are just a few of the recent projects we have been involved in.

Jaguar Land Rover Castle Bromwich Plant

The Jaguar Land Rover 110 acre manufacturing plant in Castle Bromwich used a significant quantity of Nicobond ScreedPro Rapid Latex Fibre No Ammonia within many areas of the facility. A rapid setting fibre reinforced solution was required and used in areas including canteens, walkways and communal meeting facilities.

These areas were then covered with various floor finishes including vinyl sheet, LVT and porcelain tiles. Over 30,000 square metres of Rapid Latex Fibre No Ammonia has been laid within Jaguar Land Rover's UK facilities.



NEXT

An expansive new concept in retail space for Next, spread across three floors bringing Next, Next Home, Costa Coffee, Waterstones & Virgin Holidays together under one roof.

Nicobond ScreedPro Rapid Latex Fibre No Ammonia was specified and used to smooth various sub-floors before the application of LVT and vinyl sheet throughout the retail space.



Sainsbury's, Welwyn Garden

Designed by Chetwoods London, Sainsbury's existing store in Welwyn Garden City was quadrupled in size to almost 60,000 sq.ft. During its development, a cost-effective levelling compound was required for the main floor area to pre-smooth and pre-level the substrate, prior to the floor finishes being applied.

Nicobond ScreedPro Flow was used due to its high strength, rapid setting and pumping qualities. We supplied Nicobond ScreedPro Flow for the application of 5000m² at an average of 6mm thickness.



NHS The Christie Foundation Trust

The Christie at Macclesfield has transformed cancer care in East Cheshire. It provides care closer to home for more than 1,500 existing Christie patients a year.

The ambitious new centre brings together essential cancer services into one purpose-built building.

Nicobond ScreedPro Rapid Latex Fibre No Ammonia was specified for use being a rapid setting, fibre reinforced, protein free smoothing compound that offered the specifier and contractor the performance required for use in a hospital environment with sheet vinyl applied over it.





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.



Glossary of Terms

Screed

A generic term for a sand cement mixture applied to a concrete floor for the purposes of levelling. It can also be used to describe proprietary levelling compounds such as underlayments.

Self Levelling Compounds

Self levelling compounds are generally of a more fluid consistency giving improved flow rates.

Underlayments

A proprietary levelling compound formed from a blend of cement aggregates and polymers to form a smooth and level surface prior to the application of a surface floor covering. Underlayments are not by their nature a finished surface.

Protein free

Protein generally found in traditionally formulated latex compounds can produce harmful bacteria which can lead to floor covering failure and potentially expose sensitive environments to unwanted bacteria.

OPC free

Ordinary Portland Cement is a commonly used cement blend comprising of a ground limestone based clinker and calcium sulphate. Innovative Research & Development has led us to introduce a suite of products based on lower emission raw materials positively benefitting the environment.

Overcoat

The application of a second coat of underlayment applied without primer to a green but walkable layer of latex screed.

Porous (Permeable & Absorbent)

Porous surfaces are materials that have microscopic passages through which liquid or air may pass. Examples of porous materials are unvarnished (unfinished) wood, concrete (not power floated), sand /cement screeds. These materials absorb and retain liquid and air unless sealed.

Non Porous (Impermeable & Non Absorbent)

Non porous surfaces tend to be thick, dense, and solid so that nothing can penetrate beyond its outer-most surface.

Examples of non porous surfaces are solid plastics, metal objects, varnished wood, power floated concrete, glazed ceramic tiles, porcelain tiles, flooring grade asphalt, quarry tiles and vinyl.

Fast Setting Screeds

Allow a faster setting time to achieve foot traffic with in a shorter period. Such products may still require 12-24 hours to dry out completely (depending on thickness).

Fast Drying Screeds

Our unique formulations lock the gauging water inside the mortar due to crystallisation allowing products to dry quicker.

This provides for quicker installation of floor coverings with drying times as little as 3 – 4 hours depending on the thickness.

Relative Humidity (RH)

The amount of water vapour present in air expressed as a percentage of the amount needed for saturation at the same temperature.

Scratch Coat

Refers to the application of a very thin or tight coat (microns) of underlayment, normally over timber surfaces.

Bonded Screed

The preparation of a sand: cement screed which adheres directly to the concrete substrate.

Unbonded Screed

The preparation of a sand : cement screed which is isolated from the concrete substrate by applying over a separating layer of building paper or polythene sheet.

Floating Floor

The preparation of a sand: cement screed which is applied over a layer of insulation material. The minimum screed thickness 'for traditional sand:cement screeds is' under these conditions is 65mm for domestic applications and 75mm for commercial applications.

Dew Point

The atmospheric temperature (varying according to pressure and humidity) below which water droplets begin to condense and dew can form. Any cooler than this temperature (dew point) and the amount on condensing water starts to exceed the amount of water being evaporated and you start to see condensation forming of these cool surfaces.

Nicobond ScreedPro Smoothing Compounds

The Nicobond ScreedPro range of smoothing compounds has been developed specifically for use by the professional flooring contractor. Our chemists have been successful in formulating a high performance range of products that can be used within commercial, industrial and domestic projects.

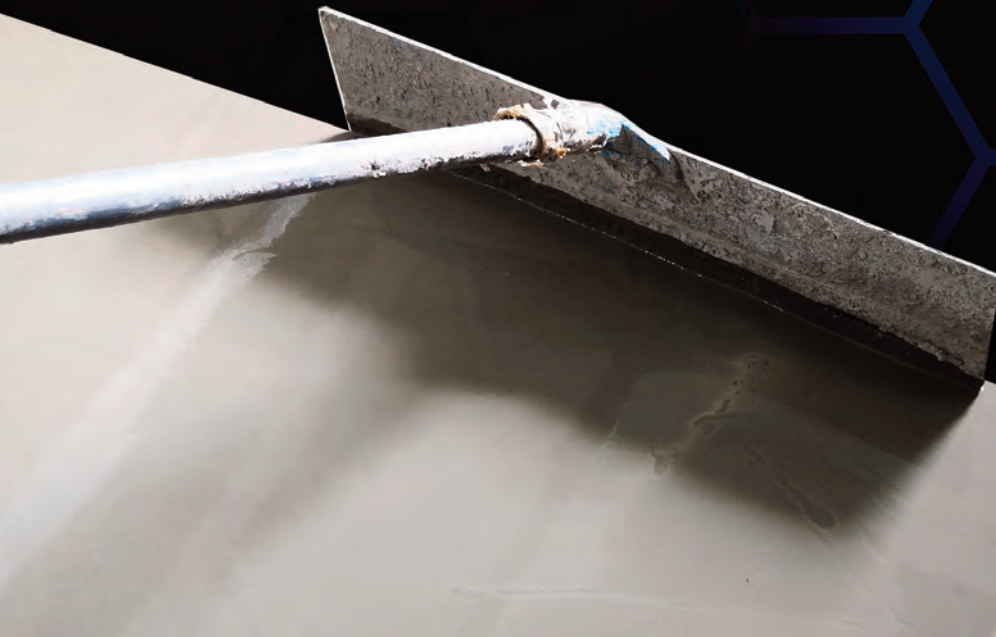


Nicobond ScreedPro Smoothing Compounds

The Nicobond ScreedPro range of smoothing compounds has been developed specifically for use by the professional flooring contractor. Our chemists have been successful in formulating a high performance range of products that can be used within commercial, industrial and domestic projects. The smoothing compounds offer exceptional handling characteristics and high levels of flow compared with most other manufacturers offerings.

We have developed unique formulations that use alternative binders that dramatically reduce the impact many of our smoothing compound have on the environment. We also incorporate significant volumes of recycled raw material which further reduces our products carbon footprint.

We offer OPC (Ordinary Portland Cement) free formulations that are super fast drying, giving walk on times as low as 30 minutes, with the ability to lay ceramic tiles only 45 minutes after application, the ideal solution for fast track projects. Many of our smoothing compounds are pumpable and are therefore used within large commercial projects in areas such as the retail and leisure industry.



ScreedPro Rapid Latex Fibre No Ammonia

An ultra rapid setting, highly versatile, fibre reinforced, moisture tolerant, two part, low odour self smoothing compound with excellent flow and flexibility



Description

ScreedPro Rapid Latex Fibre No Ammonia is a two part low odour, fast setting underlayment with superb adhesion and good flexibility making it highly suitable for use over old adhesive residues and a wide variety of substrates without the need for priming. ScreedPro Rapid Latex Fibre No Ammonia can also be used under and over Nicobond One Coat DPM & Primer.

It is designed for smoothing uneven floors prior to the installation of floorcoverings in domestic and commercial areas. ideal for use in factories, garages, shops, schools, care homes, biological areas and residences.



Product Characteristics

- Highly Flexible
- Excellent Flow & Workability
- Apply over old residues
- Superb Adhesion
- Exceptional Performance at low temperatures
- Moisture Tolerant
- Self Smoothing
- Protein Free
- Feather Edge
- Fibre Reinforced

Product Features

Thickness: Featheredge - 30mm
 Foot Traffic: Approx 90 minutes at 3mm thick
 Drying time: 6 – 12 hours
 Fix Ceramics: 4 hours at 3mm thick
 Floor Coverings:
 Unbonded: 4 hours
 Bonded: 12 hours
 Working Time: 30 minutes

*Assuming 20°C and 50%R.H.
 Dependant on substrate, climatic conditions and thickness.



How much material should I use?			
Applied Thickness	Approximate Coverage Per Bag	Consumption Per 100m ² Area	Aggregate
3mm	5m ²	22 Units	n/a
8mm	1.7m ²	58 Units	n/a
15mm	0.9m ²	73 Units	36 bags

The table should be used for guidance purposes only and all information given can be affected by the substrate texture and absorbency. The coverage given is based on a smooth non-absorbent subfloor.

Specification	
BS EN 13813 Classification	CT - C16 - F5
Application Thickness Unfilled Filled	Up to 10mm Up to 30mm
Working Life @ 20°C	30 minutes
Walk on hardness @ 20°C and 3mm thick	Approx 1 - 2 hour
At 3mm thickness ready for Ceramic Tiles @ 20°C	After Approx 4 hours
Other Floor Coverings @ 20°C	After Approx 4 hours
Installation Temperature	Minimum 5°C
Compressive Strength N/mm ² (BS EN 13892-2) 28 Day	> 16.0
Flexural Strength N/mm ² (BS EN 13892-2) 28 Day	> 5.0
Packaging	20kg bag / 4.8kg bottle

hotels | leisure | commercial | healthcare | education

ScreedPro Latex

A versatile, two part low odour self smoothing compound with excellent flow and flexibility.



Description

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 also be used under and over Nicobond One Coat DPM & Primer. 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. homes etc.



Product Characteristics

- Rapid Setting
- Self Smoothing
- Excellent Flow
- Protein Free
- Feather Edge
- High Flexibility
- Low Shrinkage
- Low Odour

Product Features

- Foot Traffic: 2 hours
- Drying Time: 8 - 12 hours
- Fix Ceramics: 4 hours
- Floor Coverings
- Unbonded: 4 hours
- Bonded: 12 hours

*at 20°C and 5mm thickness



How much material should I use?			
Applied Thickness	Approximate Coverage Per Unit	Consumption Per 100m ² Area	Aggregate
3mm	4.5m ²	22 units	n/a
8mm	1.7m ²	58 units	n/a
15mm	0.9m ²	73 units	36 units

The table should be used for guidance purposes only and all information given can be affected by the substrate texture and absorbency. The coverage given is based on a smooth non absorbent subfloor.

Specification	
BS EN 13813 Classification	CT - C25 - F7 (Latex Flex)
BS EN 13813 Classification	CT - C25 - F5 (Latex Liquid)
Application Thickness Unfilled Filled	Up to 8mm Up to 30mm
Working Life @ 20°C	30 minutes
Walk on hardness @ 20°C	Approx 2 hour
At 3mm thickness ready for Ceramic Tiles / Porcelain Tiles	4 hours
Resilient floor coverings / LVT Dependent on thickness)	Approx 12 hours
Application over non-absorbent surfaces	Approx 24 hours (in good drying conditions)
Installation Temperature	Minimum 5°C
Compressive Strength N/mm ² (BS EN 13892-2) 28 Day	> 28.0
Flexural Strength N/mm ² (BS EN 13892-2) 28 Day	> 8.0
Packaging	20kg bag / 4 ltr

ScreedPro All Purpose

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



Description

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. ScreedPro All Purpose can also be used under and over Nicobond One Coat DPM & Primer.



Product Characteristics

- Rapid Setting
- Self Smoothing
- Excellent Flow
- Fibre Reinforced
- OPC Free
- Fibre Reinforced
- Low Shrinkage
- Low Odour
- Rapid Drying
- Protein Free
- Reduced carbon footprint

Product Features*

Thickness: 2mm - 10mm
 Foot Traffic: 30 - 45 mins
 Drying Time: 4 hours
 Fix Ceramics: 45 mins

Floor coverings

Unbonded: 45 mins
 Bonded: 4 hours
 Working Time: 10 mins

*at 20°C and 5mm thickness

How much material should I use?

Applied Thickness	Approximate Coverage Per Unit	Consumption Per 100m ² Area	Aggregate
3mm	4 - 4.5m ²	22 units	n/a
6mm	2 - 2.5m ²	44 units	n/a

The table should be used for guidance purposes only and all information given can be affected by the substrate texture and absorbency. The coverage given is based on a smooth non absorbent subfloor.

Specification

BS EN 13813 Classification	CT - C16 - F5
Application Thickness Unfilled	Up to 10mm
Working Life @ 20°C	10 minutes
Walk on Time @ 20°C	30-45 minutes
At 3mm thickness ready for Ceramic Tiles / Porcelain Tiles	45 minutes
Resilient floor coverings / LVT	Approx 3-4 hours bonded
Application over non-absorbent surfaces	Approx 12 hours (in good drying conditions)
Installation Temperature	Minimum 5°C
Compressive Strength N/mm ² (BS EN 13892-2)	> 16.0
Flexural Strength N/mm ² (BS EN 13892-2)	> 5.0
Packaging	20kg bag / 4.8kg poly bottle



hotels

leisure

commercial

healthcare

education

ScreedPro EcoLevel 30

A premium two part, low odour, high strength, highly flexible, rapid drying, fibre reinforced and setting compound with exceptional flow.



Description

ScreedPro EcoLevel 30 is a two part, OPC free, fast drying and setting compound designed for smoothing uneven floors prior to the installation of floor coverings. ScreedPro Eco Level 30 can also be used under and over Nicobond One Coat DPM & Primer. ScreedPro EcoLevel 30 is formulated using unique binder technology and contains carefully graded aggregates, fillers and gauging liquid polymer dispersion. This product is suited to installers who prefer Latex based compounds with the attributes of flexibility, good flow and the capability of installing impervious floor coverings in short time scales. ScreedPro EcoLevel 30 also offers unique fast drying characteristics at lower temperatures, where other manufacturers compounds would have greatly extended drying times.



Product Characteristics

- Rapid Setting
- Excellent Flow
- Protein Free
- Added Fibres
- Fibre Reinforced
- High Flexibility
- Reduced carbon footprint
- Low Odour
- OPC Free
- Rapid Drying
- Self smoothing

Product Features*

- Thickness: 2mm - 15mm
- Foot Traffic: 30 mins
- Drying Time: 3 - 4 hours
- Fix Ceramics: 45 mins
- Floor coverings:
- Unbonded: 45 mins
- Bonded: 4 hours
- Working Time: 10 mins

*at 20°C and 5mm thickness

How much material should I use?			
Applied Thickness	Approximate Coverage Per Bag	Consumption Per 100m ² Area	Aggregate
2mm	5 - 6m ²	20 Units	n/a
15mm	0.66m ²	150 Units	n/a

The table should be used for guidance purposes only and all information given can be affected by the substrate texture and absorbency. The coverage given is based on a smooth non absorbent subfloor.

Specification	
BS EN 13813 Classification	CT - C25 - F7
Application Thickness Unfilled	2mm to 15mm
Working Life @ 20°C	10 minutes
Walk on Time @ 20°C	30 mins
At 3mm thickness ready for Ceramic Tiles	30 - 45 mins
Resilient floor coverings / LVT	Approx 45 mins loose lay Approx 3 - 4 hours bonded
Installation Temperature	Minimum 5°C
Compressive Strength N/mm ² (BS EN 13892-2)	> 25.0
Flexural Strength N/mm ² (BS EN 13892-2)	> 7.0
Packaging	20kg bag / 4.8 kg poly bottle



hotels

leisure

commercial

healthcare

education

ScreedPro Rapid 30

A premium, rapid drying and rapid setting, single part, fibre reinforced, levelling / smoothing compound which can be used up to 10mm thick in one single application.



Description

ScreedPro Rapid 30 is a high strength, OPC free self levelling / smoothing compound consisting of a single powder component formulated using unique binder technology, polymers and carefully graded aggregates and fillers. ScreedPro Rapid 30 can also be used under and over Nicobond One Coat DPM & Primer.

ScreedPro Rapid 30 has rapid drying and rapid setting characteristics enabling early completion of soft flooring or tile laying projects.



Product Characteristics

- Rapid Setting
- Added Fibres
- Fibre Reinforced
- Rapid Drying
- Self levelling
- Excellent Flow
- Reduced carbon footprint
- Protein Free
- OPC Free
- Self Smoothing

Product Features*

- Thickness: 2mm to 10mm
- Foot Traffic: 30 - 45 mins
- Drying Time: 3 hours
- Fix Ceramics: 45 mins
- Floor coverings:
- Unbonded: 45 mins
- Bonded: 4 hours
- Working Time: 10 mins

*at 20°C and 5mm thickness

How much material should I use?			
Applied Thickness	Approximate Coverage Per Bag	Consumption Per 100m ² Area	Aggregate
3mm	4m ²	25 bags	n/a
10mm	1.2mm ²	83 bags	n/a

The table should be used for guidance purposes only and all information given can be affected by the substrate texture and absorbency. The coverage given is based on a smooth non absorbent subfloor.

Specification	
BS EN 13813 Classification	CT - C25 - F6
Application Thickness Unfilled	2mm to 10mm
Working Life @ 20°C	10 minutes
Walk on Time @ 20°C	30 - 45 mins
At 3mm thickness ready for Ceramic Tiles / Porcelain Tiles	45 mins Approx 45 minutes loose lay Approx 4 hours bonded
Resilient floor coverings / LVT	
Installation Temperature	Minimum 5°C
Compressive Strength N/mm ² (BS EN 13892-2)	> 25.0
Flexural Strength N/mm ² (BS EN 13892-2)	> 6.0
Packaging	20kg bag



hotels | leisure | commercial | healthcare | education

ScreedPro Fibre Flex

A premium, fibre reinforced, flexible, self smoothing, self-levelling, moisture tolerant, fast setting compound which can be laid up to 50mm in one single application providing a smooth, flat surface.



Description

ScreedPro FibreFlex is a technically advanced fibre reinforced self levelling and self smoothing compound, with a high level of micro fibres and is designed for use in the renovation or refurbishment of domestic and commercial flooring applications. It's superior smoothing and levelling capabilities demonstrate excellent performance when applied over timber or concrete floor surfaces. ScreedPro Fibre Flex can also be used under and over Nicobond One Coat DPM & Primer.



Product Characteristics

- Rapid Setting
- Self Smoothing
- Added Fibres
- Fibre Reinforced
- Self Levelling
- Pumpable
- Protein Free
- High Strength
- Low Shrinkage
- High Flexibility
- Moisture Tolerant

Product Features*

- Thickness: 2mm - 50mm
- Foot Traffic: 2 hours
- Drying Time: 24 hours
- Fix Ceramics: 4 hours
- Floor coverings:
- Bonded: 24 hours
- Unbonded: 8 hours
- Working Time: 20 - 30 mins

*at 20°C and 5mm thickness

How much material should I use?

Applied Thickness	Approximate Coverage Per Bag	Consumption Per 100m ² Area	Aggregate
3mm	4m ²	25 bags	n/a
15mm	0.8m ²	125 bags	n/a

The table should be used for guidance purposes only and all information given can be affected by the substrate texture and absorbency. The coverage given is based on a smooth non absorbent subfloor.

Specification

BS EN 13813 Classification	CT - C30 - F7
Application Thickness Unfilled Filled	2mm - 50mm Consult technical support
Working Life @ 20°C	20 - 30 minutes
Walk on Time @ 20°C	2 hours
At 3mm thickness ready for Ceramic Tiles / Porcelain Tiles	4 hours
Resilient floor coverings / LVT	Approx 8 hours loose lay Approx 24 hours bonded
Application over non-absorbent surfaces	Approx 24 hours (in good drying conditions)
Installation Temperature	Minimum 5°C
Compressive Strength N/mm ² (BS EN 13892-2)	> 30.0
Flexural Strength N/mm ² (BS EN 13892-2)	> 7.0
Packaging	20kg bag



hotels

leisure

commercial

healthcare

education

ScreedPro Flow

A premium, self smoothing, self levelling, fast setting compound with exceptional flow can be laid up to 50mm in one single application to create a smooth, flat surface.



Description

ScreedPro Flow can be applied up to 15mm thick in one coat without the addition of granite chippings and can be used in domestic, commercial and light industrial areas prior to receiving most decorative floor coverings. Being protein free the product can be used in biologically sensitive areas. ScreedPro Flow can also be used over Nicobond One Coat DPM & Primer.

Ideal for use in hospitals, laboratories, food preparation areas, food shops, restaurants, schools, care homes etc.



Product Characteristics

- Rapid Setting
- Protein Free
- Self Smoothing
- High Strength
- Self Levelling
- Low Shrinkage
- Pumpable
- Low Odour

How much material should I use?			
Applied Thickness	Approximate Coverage Per bags	Consumption Per 100m ² Area	Aggregate
3mm	4m ²	25 bags	n/a
15mm	0.8m ²	125 bags	n/a
20mm	0.6m ²	110 bags	55 bags

The table should be used for guidance purposes only and all information given can be affected by the substrate texture and absorbency. The coverage given is based on a smooth non absorbent subfloor.

Product Features*

- Thickness: Up to 50mm
- Foot Traffic: 2 hours
- Drying Time: 8 - 12 hours
- Floor coverings:
- Bonded: 12 hours
- Unbonded: 8 hours
- Fix Ceramics: 4 hours
- Working Time: 20 - 30 mins

Specification	
BS EN 13813 Classification	CT - C35 - F6
Application Thickness Unfilled Filled	1mm to 15mm 50mm
Working Life @ 20°C	20 - 30 minutes
Walk on Time @ 20°C	2 hours
At 3mm thickness ready for Ceramic Tiles	4 hours
Resilient floor coverings / LVT	Approx 8 hours loose lay Approx 12 hours bonded
Application over non-absorbent surfaces	Approx 24 hours (in good drying conditions)
Installation Temperature	Minimum 5°C
Compressive Strength N/mm ² (BS EN 13892-2)	> 37.0
Flexural Strength N/mm ² (BS EN 13892-2)	> 6.9
Packaging	20kg bag

*at 20°C and 5mm thickness



hotels | leisure | commercial | healthcare | education

ScreedPro Heavy Duty

A premium, high build and economic to use, pre-aggregated self smoothing and self levelling, fast setting compound. ScreedPro Heavy Duty has exceptionally high compressive strength and can be laid up to 50mm in one single application creating a durable and sound base.



Description

ScreedPro Heavy Duty is an advanced and versatile base mix designed for applications from 5mm up to a maximum of 50mm. It can be over painted with a sealer and be considered as a wearing surface in commercial and certain industrial environments.

ScreedPro Heavy Duty has been specially blended with graded aggregates and high quality synthetic resins to produce when mixed with water, a fluid, pumpable cement mortar that can typically be pumped at rates of up to 900m² a day, depending on the available man power, application thickness and type of pumping equipment used.



Product Characteristics

- Rapid Setting
- Self Smoothing
- Self levelling
- High Strength
- High Flexibility
- Protein Free
- Low Shrinkage
- Pre- aggregated

How much material should I use?

Applied Thickness	Approximate Coverage Per Bags	Consumption Per 100m ² Area	Aggregate
5mm	2.0m ²	50 bags	n/a
50mm	0.2m ²	500 bags	n/a

The table should be used for guidance purposes only and all information given can be affected by the substrate texture and absorbency. The coverage given is based on a smooth non absorbent subfloor.

Product Features*

Thickness:	5mm -50mm
Foot Traffic:	2 hours
Drying Time:	24 hours
Fix Ceramics:	4 hours
Floor coverings:	
Unbonded	8 hours
Bonded	24 hours
Working Time:	20 - 30 mins

*at 20°C and 5mm thickness

Specification

BS EN 13813 Classification	CT - C40 - F7
Application Thickness Unfilled Filled	5mm to 50mm n/a
Working Life @ 20°C	20 - 30 minutes
Walk on Time @ 20°C	2 hours
At 5mm thickness ready for Ceramic Tiles / Porcelain Tiles	4 hours
Resilient floor coverings / LVT	Approx 8 hours loose lay Approx 24 hours bonded
Application over non-absorbent surfaces	Approx 24 hours (in good drying conditions)
Installation Temperature	Minimum 5°C
Compressive Strength N/mm ² (BS EN 13892-2)	> 44.0
Flexural Strength N/mm ² (BS EN 13892-2)	> 8.0
Packaging	20kg bag



hotels

leisure

commercial

healthcare

education

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.



Description

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.



Product Characteristics

- Rapid Setting
- Self Smoothing
- Pumpable
- Protein Free
- Tiling Base
- Low Shrinkage
- Low Odour
- Pre-aggregated

How much material should I use?

Applied Thickness	Approximate Coverage Per bag	Consumption Per 100m ² Area	Aggregate
2mm	5-6 m ²	16-20 bags	n/a
50mm	0.2m ²	500 bags	n/a

The table should be used for guidance purposes only and all information given can be affected by the substrate texture and absorbency. The coverage given is based on a smooth non absorbent subfloor.

Product Features*

- Thickness: 2mm - 50mm
- Foot Traffic: 2 hours
- Drying Time: 8 - 12 hours
- Floor coverings:
- Bonded 12 hours
- Unbonded 8 hours
- Fix Ceramics: 4 hours
- Working Time: 20 - 30 mins

Specification

BS EN 13813 Classification	CT - C25 - F7
Application Thickness Unfilled	2mm to 50mm
Working Life @ 20°C	20 - 30 minutes
Walk on Time @ 20°C	2 hours
At 3mm thickness ready for Ceramic Tiles / Porcelain Tiles	4 hours
Resilient floor coverings / LVT (Dependent on thickness)	Approx 12 hours bonded
Application over non-absorbent surfaces	Approx 24 hours (in good drying conditions)
Installation Temperature	Minimum 5°C
Packaging	20kg bag

*at 20°C and 5mm thickness



hotels

leisure

commercial

healthcare

education

ScreedPro Feather Finish

A premium multi-purpose flexible, fast setting, quick drying smoothing and patching compound.

Description

ScreedPro Feather Finish is the ideal solution for patching, filling and feather finishing day work joints, ridges, gouges, depressions, uneven trowel marks, within the sub-floor, as well as smoothing joints between staggered plywood sheets and for levelling grout joints.

Screedpro Feather Finish has been specially designed to dry rapidly and provide a high bond to concrete, plywood, cement/sand screeds, existing sub-floors and smoothing compounds.



Product Characteristics

- Scratch Coat
- Feather Edge
- Rapid Drying
- Protein Free
- Fast Setting
- Ultra smooth

How much material should I use?

Applied Thickness	Approximate Coverage Per Bags	Consumption Per 100m ² Area	Aggregate
Scratch	50m ²	2 bags	n/a
1mm	10m ²	10 bags	n/a

The table should be used for guidance purposes only and all information given can be affected by the substrate texture and absorbency. The coverage given is based on a smooth non absorbent subfloor.

Product Features*

- Thickness: 0 - 6mm
 Foot Traffic: 15 mins
 Drying Time: 15 mins
 Floor coverings: 30 mins bonded
 Working Time: 10 - 15 mins

Specification

Application Thickness	Up to 6mm
Working Life @ 20°C	10 - 15 minutes
Walk on Time @ 20°C	15 minutes
At 1mm thickness ready for Ceramic Tiles / Loose Lay/ Porcelain Tiles	15 minutes
Resilient floor coverings / LVT	30 minutes bonded
Application over non-absorbent surfaces	Approx 1 hour (in good drying conditions)
Installation Temperature	Minimum 5°C
Packaging	10 kg

*at 20°C and 5mm thickness



hotels

leisure

commercial

healthcare

education

ScreedPro Cement Mix

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



Description

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. It can also be used externally to form a slab as a base for a patio or terrace.

Cement Mix is fast drying, regardless of thickness, and is ready to receive a levelling compound after 24 hours (conventional sand:cement screeds 3 weeks).

Refer to the data sheet and Product Selector at the back of the Flooring Systems brochure for information on design mixes and detailed coverage figures for bonded, unbonded, floating screeds and patio bases



Product Characteristics

- Rapid Setting
- Rapid Drying
- Protein Free
- Low Shrinkage
- Bonded Screed
- Unbonded Screed
- Floating Screed
- External Slabs

How much material should I use?			
Applied Thickness	Approximate Coverage Per Bags	Consumption Per 100m ² Area	Aggregate
15mm bonded	1:5 mix	4.30m ²	23.25 bags
40mm bonded	1:5 mix	1.61m ²	62 bags

The table should be used for guidance purposes only and all information given can be affected by the substrate texture and absorbency. The coverage given is based on a smooth non absorbent subfloor.

Product Features*

	Internal	External
Thickness:	Variable	Variable
Foot Traffic:	2 hours	2 hours
Fix Porcelain:	3 hours	3 days
Floor Coverings		
Unbonded:	From 2 hours	N/A
Bonded:	From 3 hours	N/A
Fully Dry:	24 hours	Fully Dry: 24 hours

*at 20°C and 15mm thickness



Specification			
Application Thickness	Minimum 15mm to 40mm		
Bonded Screed	Minimum 40mm		
Unbonded Screed	Minimum Domestic 65mm Minimum Commercial 75mm		
Floating Screed	Minimum 110mm		
Patio Base	Minimum 110mm		
Working life @ 20° C	45 mins		
Walk on time	2 hours		
Dry time	24 hours		
Fix porcelain	3 hours		
Fix porcelain	Fix porcelain		
Patio tiling	3 days		
Installation Temperature	Minimum 5°C		
Technical data	Mix ratio 1:4	Mix ratio 1: 5.5	Mix ratio 1: 7
Compressive Strength N/mm ² (BS EN 13892)	50	38	25
Flexural Strength N/mm ² (BS EN 13892)	11	8.5	6
Flexural strength N/mm ² (BS EN 13892)	1:5 > 6.0		
Packaging	20kg		

hotels | leisure | commercial | healthcare | education

ScreedPro Rapid Repair Mortar

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



Description

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.



30 Min
Foot Traffic



External



Internal



10 mins



Lifetime
Guarantee

Product Characteristics

- Rapid Setting
- Slump Free
- Protein Free
- Rapid Hardening
- Water Resistant
- Packaging 10kg

How much material should I use?

Applied Thickness	Approximate Coverage Per Bags	Consumption Per 100m ² Area	Aggregate
2mm	3.5m ²	28 bags	n/a

The table should be used for guidance purposes only and all information given can be affected by the substrate texture and absorbency.

The coverage given is based on a smooth non absorbent subfloor.

Product Features

Foot Traffic: 30 - 45 mins
 Drying Time: 30 mins
 Floor coverings: 4 hours
 Working Time: Approx 10 mins

*at 20°C and 5mm thickness



hotels

leisure

commercial

healthcare

education

DPM One Coat Membrane & Primer

A one coat, two part epoxy resin surface DPM and Primer.



Description

DPM One Coat Membrane & Primer is a one coat, low viscosity, solvent free, two component epoxy resin surface damp proof membrane, vapour suppressant and screed bonding agent and primer, which is suitable for use in interior and exterior applications. When mixed to a homogenous blend and correctly applied, it produces a durable surface membrane. It can be used in domestic, commercial and industrial areas. It is suitable as a damp proof membrane on cementitious substrates which have high levels of relative humidity up to 98% (99.9% theoretical).

It is highly effective as a suppressant of residual moisture in concrete and sand:cement screeds and is widely used as a screed bonding agent and primer prior to the application of levelling screeds, smoothing underlayments and tile installations. Features superb chemical resistance but should not be considered as a DPM where hydrostatic pressure is a concern.



Product Characteristics

- Long Working Life
- Under Floor Heating
- Rapid Curing
- Easy Application
- Single Coat
- Easy Mixing

Applied Thickness	Approximate Coverage Per Bag	Consumption per 100m ²
Dense Concrete	13.5m ²	8 buckets
Screed	10.5m ²	10 buckets

The table should be used for guidance purposes only and all information given can be affected by the substrate texture and absorbency. The coverage given is based on a smooth non absorbent subfloor.

Product Features

- Thickness: 250 - 300 microns
 Curing time: 5 - 6 hours at 20°C
 Floor Coverings: When cured
 Working time: 45 - 60 mins

Specification	
Application Thickness Dry Film	250 – 300 microns
Working Life @ 20°C	45 - 60 minutes
Walk on time @ 20°C	Approx 5 – 6 hours
Walk on time @ 10°C	Approx 15 – 20 hours
Ready for Ceramic Tiles	When cured
Resilient floor coverings / LVT	When cured
Installation Temperature	Minimum 10°C
Storage Temperature	+5°C to 30°C
Service Temperature	-20°C to +80°C
Colour	Dark Grey
Packaging	5kg and 10kg Dual Chamber Pack



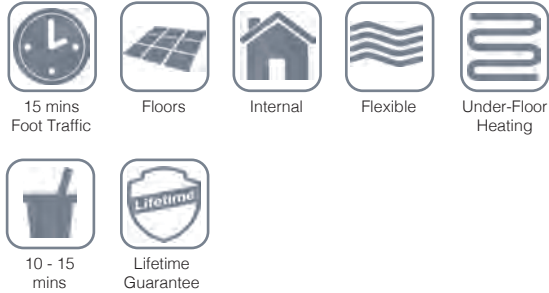
Moisture Vapour Suppressant

A one component moisture barrier for suppressing residual construction moisture in concrete slabs and/cement screeds.



Description

Nicobond Moisture Vapour Suppressant is a one component dispersion moisture barrier for suppressing residual construction moisture in concrete slabs, power floated concrete and sand/cement screeds. It is suitable for all kinds of floor covering when applied in two coats. When fully dry the Moisture Vapour Suppressant can accommodate hygrometer readings up to 95%RH and allows the subsequent application of Nicobond underlayments without priming. The Moisture Vapour Suppressant is fast drying, two coat applications are dry after approximately 60 minutes depending on the substrate, climatic conditions and thickness. Note for very impervious floor coverings the Moisture Vapour Suppressant is applied in 3 coats using a diluted first coat as indicated in the Application and Specification Tables.



Product Characteristics

- Suitable for use on sub-floors with up to 95% RH
- Fast Drying
- Compatible with Nicobond Screeds
- Easy to apply
- Non-flammable
- Suitable for use on heated screeds
- Excellent Coverage
- Blue Colour

Product Features*

Thickness: Approx 200 microns
 Drying Time: Approx 30 minutes first coat*
 Approx 60 minutes second coat *

Floor Coverings: Approx 2 – 12 hours*

*Assuming 20°C and 50%R.H. Dependant on substrate, climatic conditions and thickness.

How much material should I use?		
Application	Approximate coverage per Bottle	Consumption per 100m ²
Coverage Neat 2 coats	40 – 60m ²	2 – 3 Bottles
Diluted with water 1:1 Single Coat	120m ²	1 Bottle

The table should be used for guidance purposes only and all information given can be affected by the substrate texture and absorbency. The coverage given is based on a smooth non absorbent subfloor.

Specification	Moisture Vapour Suppressant
Consistency:	Thin Liquid
Colour	Blue
Coverage Neat: Diluted with water 1:1	Approx 50 – 75gm/m ² Approx 50gm/m ²
Drying Time:	First Coat: Approx 30 minutes Second Coat: Approx 60 minutes Diluted 1:1: Approx 20 minutes
Final Bond Strength:	2 – 12 Hours
Ambient Temperature:	18 – 23°C
Temperature of material and subfloor:	Minimum 15°C to Maximum 20°C
Relative Humidity:	40 – 70%
Flammability:	Non-flammable
Packaging:	6kg



Granite Chipping

Quality aggregate to add to our cement based smoothing and levelling compounds to provide increased strength and durability.



Product Features

- Graded Basaltic Chippings
- Increases the Thickness of Smoothing & Levelling compounds

Description

Clean, dry graded basaltic chippings. Increases the bulk and strength of Nicobond smoothing & levelling compounds when these products are applied at bed thicknesses over 5mm (or in the case of Nicobond ScreedPro Flow, over 15mm and up to 50mm) In general Nicobond Granite Chippings are added in the ratio of approx 2 volumes of Nicobond flooring compounds wet mix to 1 volume of Nicobond Granite Chippings.



Internal



External



Lifetime Guarantee

Product Characteristics

- Aggregate Size 4 - 6mm
- Low Dust Content

Available in: 25kg



Super Cleaning Crystals

A special detergent for cleaning old floors prior to laying new underlayments or tiles



Product Features

- Colour: White
- Coverage: 20m² (dependent on floor surface)

Description

A white granular, crystalline, medium alkalinity detergent containing a high proportion of special surfactants. For removing dirt, fats, grease, oils and polish from all types of sub-floors, including things that would be attacked by solvent based cleaners, prior to the application of Nicobond Screed products.



Internal



External



Lifetime Guarantee

Available in: 8kg



Primer

A highly versatile acrylic dispersion used for various priming systems typically is used for priming sand/cement screeds, concrete, hard DPM surfaces and renders prior to the application of Nicobond Flooring to tiling products.



Product Features

- Colour: White liquid
- Drying Time: 1 - 2hrs

Description

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

Specially formulated for preparing porous or difficult cementitious floors, DPM's and walls prior to the application of adhesives, screeds and surfacing compounds



Internal



External



Water Resistant



Swimming Pools



Lifetime Guarantee

* as detailed in the Notes section of this brochure

Available in: 5, 1ltr



hotels

leisure

commercial

healthcare

education

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.



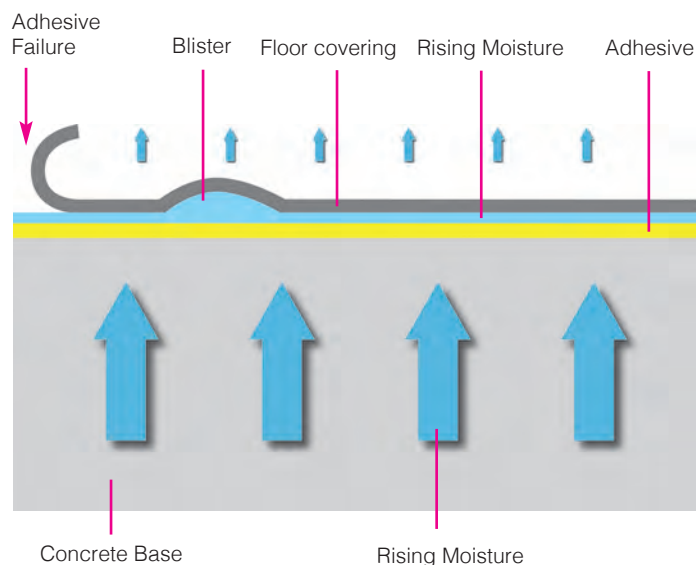
The success of the installation may be reliant on the preparation of the sub-floor so is a vital part of the flooring system. We offer a broad range of high quality sub-floor preparation solutions and equipment for this purpose.

Preparation and Moisture Control

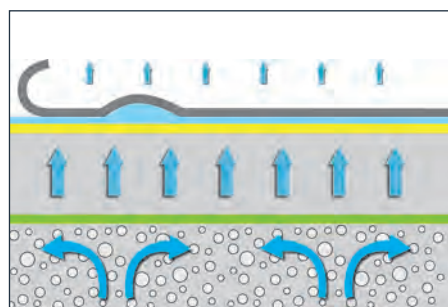
The majority of today's flooring materials use water-based formulations over traditional solvent based solutions. Excess moisture can cause installation failure if preventative measures are not taken.

A newly poured concrete slab is usually the slowest drying element in a building as it contains a significant amount of moisture. It is therefore essential to be able to determine the moisture content accurately to ensure the success of the floor installation.

It is also imperative that Anhydrite (Calcium Sulphate) Screeds are moisture tested prior to the application of any finished surface. It has a fast walk on time but returns a lot of moisture which can cause the failure of tiled or vinyl installations.



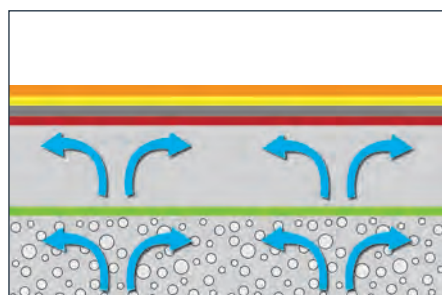
Avoiding Installation Failures



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 waterproof surface 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.

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 sub floor using one of our Nicobond Moisture meters.

If moisture is indicated, further investigation is required



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.

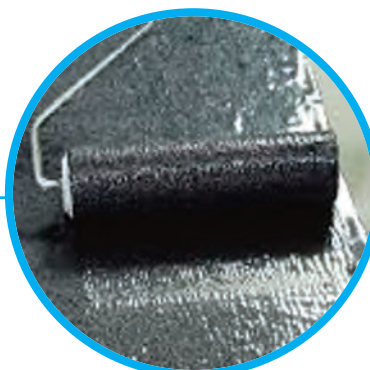


Floor Treatment (if required)

If the floor achieves a reading lower than 75% RH or 0.5% by weight, proceed with fitting. Certain wood and LVT floor covering may require 65% RH before proceeding.

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.



Moisture Meters

Our Nicobond Moisture Meters are easy to use and can readily determine the areas with greatest percentage of moisture within a subfloor or screeding compound.



Measures moisture in wood surfaces



Measures moisture in concrete / hard floors

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

DPM One Coat Membrane & Primer

screed bonding agent and primer which is supplied in a functional dual chamber container for easy mixing.

Note – if possible could we change the image from a man with a white material applied by brush to a man with a dark grey material being applied by roller.



Moisture Meter Kit

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



Description

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 measurements.



Deep Wall Probe

With its 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



Scale	Mode	Display Icon	Range	LED Display		
				Green	Amber	Red
1	Wood 1	W1	6.0-40.0%	<14%	14-20%	>20%
2	Wood 2	W2	8.0-40.0%	<14%	14-20%	>20%
3	Plaster	P1	0.1-15.0%	<1%	1-3%	>3%
4	Concrete	C1	0.5-12.0%	<2.5%	2.5-4%	>4%
5	Linear/Reference	Lin	0-1000	<375	375-575	>575

The table should be used for guidance purposes only and all information given can be affected by the substrate texture and absorbcency. The coverage given is based on a smooth non absorbent subfloor.

Specification

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 & battery life	3 x 1.5 volt AAA – 350 hours
Display	12mm LCD
Dimensions	25 x 56 x 128mm
Weight	130 grams

Digital Hygrometer

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



Description

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.

Product Characteristics

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

Product Features

Calibrated to: 75% RH at 20°C
 Humidity
 Range: 0% - 99% RH
 Accuracy: +/- 5% RH
 Temperature
 Range: 0°C - 49.9°C
 Accuracy: +/- 1°C

Digital Hygrometers are re-usable from one job to the next. Replacement 8mt rolls of Butyl Tape are available under reference F0000196

British Standards
 BS8201 - BS8203 - BS5325



Specification	Temperature	Humidity
Range	0 to 49.9°C	0 to 99%rh
Resolution	0.1°C	1%rh
Accuracy	±1°C	±5%rh
Sensor type	Thermistor	Capacitance
Display	Dual custom LCD	
Dimensions	200 x 200 x 50mm	
Weight	42 grams	



Hygro - Box

An insulated humidity box for measuring relative humidity or temperature.



Description

The Nicobond Hygro-Box is an insulated humidity box, with a top opening round grommet. Simply insert the Nicobond Thermo 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.



Hygro Boxes are re-usable from one job to the next. Replacement 8mt rolls of Butyl Tape are available under reference F0000196 and replacement Grommet Caps to secure the Nicobond Thermo Probe are available under reference F0000197.

Specification

Dimensions	200 x 200 x 50mm
Usage	Solely used with Nicobond Thermo Probe

Solely for use with
Nicobond Thermo Probe.

Therma Probe

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



Description

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

Specification	Temperature	Humidity
Range	-20 to 50/70°C	0 to 100%rh
Resolution	0.1°C/°F	0.1rh
Accuracy	±1°C ± 1 digit*	±2% (10 to 90%rh)
Hysteresis	n/a	±1%rh
Sensor type	Silicone bandgap	Capacitance
Display	12mm LCD	
Dimensions	25 x 56 x 128mm	
Weight	130/180 grams	

*accuracy ±1 °C over the range 5 to 45 °C otherwise ±1.7 °C

Product Features

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

Nicobond Flooring Adhesives

A comprehensive range of high performance flooring adhesives specifically formulated for the professional flooring contractor. A range of adhesives including tackifiers and sprays for the installation of carpet, carpet tiles, vinyl sheet, luxury vinyl tiles and PVC fittings in commercial and domestic environments.

High quality formulations and market leading handling characteristics are standard throughout the range.



Multi-Purpose Flooring Adhesive

A superior performing, high solids, water based floor covering adhesive offering fast wet grab and a strong final bond. Suitable for use in domestic, commercial, clinical & biological areas



Description

Multi-Purpose Adhesive is a superior performing high solids, water based floor covering adhesive offering a fast wet grab and strong final bond. The adhesive is suitable for adhering a wide range of carpets and some vinyl's. Multi-Purpose Adhesive is also designed to suit carpets with hard to bond synthetic backings, such as latex/unitary, action-bac and jute hessian back.

Multi-Purpose Adhesive can be used in domestic, commercial and industrial areas. It is ideal for use in schools, offices, restaurants, care homes, shops, showrooms, warehouses etc.



Product Characteristics

- Fast Wet Grab
- Aqueous Emulsion
- Non Staining
- Strong Bond
- Easy to Spread
- Ideal for vinyls and carpets
- Double Stick adhesive
- Ideal permanent bond adhesive

Product Features

Coverage:
3m² per kg depending on tool used and absorbcency of subfloor.

Open Time: 20-40 minutes

Viscosity: 70,000-90,000 cps

Specification	
Colour	Off White
Type	Aqueous Emulsion
Coverage	3m ² per kg depending on tool used and absorbcency of subfloor.
Application	V Notched Trowel
Open Time	Approx 20-40 minutes at 20°C
Viscosity	Approx 70,000 – 90,000 cps at 20°C
Installation Temperature	Minimum 10°C
Packaging	5, 15kg



Acrylic Flooring Adhesive

A premium, superior performance, solvent free acrylic emulsion based flooring adhesive for bonding a wide range of hard/resilient floor coverings.



Description

A solvent free acrylic emulsion based flooring adhesive. Nicobond Acrylic Adhesive is a superior flooring adhesive for bonding a wide range of resilient floor coverings. Exceptionally easy to spread and with a long open time, the adhesive provides early tack and minimum slip, quickly building to a strong permanent bond. It is non-staining and has excellent resistance to plasticiser migration.

Acrylic Adhesive can be used in domestic, commercial and industrial areas. It is ideal for use in schools, offices, restaurants, care homes, shops, showrooms, warehouses etc.



Internal



Under-Floor Heating



Flexible



60 mins



Lifetime Guarantee

Product Characteristics

- Solvent Free
- Acrylic Emulsion
- Non Staining
- Easy to Spread
- Early Tack
- Ideal For Vinyl and Carpets
- Resistant to Plasticiser Migration
- Ideal permanent bond adhesive

Product Features

Coverage:

3m² - 5m² per kg depending on tool used and absorbency of subfloor.

Open Time: 60 minutes

Viscosity: 45,000cps at 20°C

Specification

Colour	Off White
Type	Acrylic Emulsion
Coverage	3m ² - 5m ² per kg depending on tool used and absorbency of subfloor.
Application	V Notched Trowel
Open Time	Approx 60 minutes at 20°C
Viscosity	Approx 45,000 cps at 20°C
Installation Temperature	Minimum 10°C
Packaging	5, 15kg



Pressure Sensitive Flooring Adhesive

A solvent free acrylic polymer emulsion adhesive that is non staining and designed to give an initial strong grab and a high bond strength.



Description

Pressure Sensitive Adhesive is a solvent free acrylic polymer emulsion that is non staining and protected against biodegradation and is designed to give an initial strong grab and high bond strength.

Nicobond Pressure Sensitive is versatile and can be used as a wet-bond, pressure sensitive or contact adhesive onto absorbent subfloors and as a pressure sensitive or contact adhesive onto non-absorbent subfloors. Pressure Sensitive Adhesive can be used in domestic, commercial and industrial areas. It is ideal for use in schools, offices, restaurants, care homes, shops, showrooms, warehouses etc.



Product Characteristics

- High Bond Strength
- Non Staining
- Acrylic Polymer Emulsion
- Resistance to Plasticiser Migration
- Protected Against Bio-degradation
- Easy to Spread

Product Features

Coverage:
4 - 6m² per kg depending on tool used & absorbency of subfloor.

Open Time: 20-40 minutes

Viscosity: 30,000-40,000 cps

Specification	
Colour	Off White
Type	Acrylic Emulsion
Coverage	4-6m ²
Application	V Notched Trowel
Open Time	Approx 20-40 minutes at 20°C
Viscosity	Approx 30,000 – 40,000 cps at 20°C
Installation Temperature	Minimum 10°C
Packaging	5, 15kg



Contact Flooring Adhesive

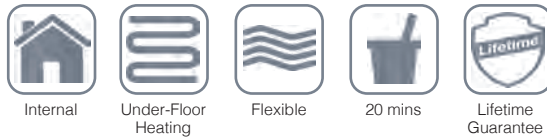
A multi-purpose contact adhesive with excellent heat resistance that forms strong permanent contact bonds.



Description

Nicobond Contact Adhesive is a multi-purpose contact adhesive based on polychloroprene that forms a strong, permanent contact with excellent heat resistance between a variety of materials.

Contact Adhesive can be used in domestic, commercial and industrial areas, the product is ideal for fixing skirtings, cappings and copings.



Product Characteristics

- Instant Dry Bond
- Permanent Contact Bond
- Fast Drying
- Suitable for vertical applications
- Easy to apply with brush or fine trowel

Product Features

Coverage:

3-4m² per kg depending on tool used and absorbency of subfloor.

Open Time: 20 minutes

Viscosity: 5000 – 7000 cps at 20°C

Flash Point: -8°C (Closed Cup)

Specification	
Colour	Beige
Type	Viscous Liquid
Coverage	3m ² - 4m ² per kg depending on tool used and absorbency of subfloor.
Application	Paint Brush / Paint Roller / Spreader
Open Time	20 minutes
Viscosity	5000 – 7000 cps at 20°C
Installation Temperature	Minimum 10°C
Packaging	5 ltr

Check with floor covering manufacturer for suitability of use with highly plasticised pvc floor coverings.



Surface Tackifier Flooring Adhesive

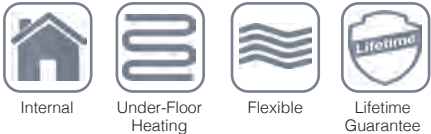
A solvent free modified acrylic emulsion adhesive designed to provide a permanently tacky film for the positive holding of floor coverings with felt, bitumen and polymer backings.



Description

Surface Tackifier is suitable for bonding PVC backed, polyurethane foam backed, felt backed, needle-punch and fibre bonded carpets, pvc/glass fibre backed, hessian backed and other polymer backings. It is ideal for carpet tiles enabling them to be easily replaced as required.

Surface Tackifier can be used in domestic, commercial and industrial areas. It is ideal for use in schools, offices, restaurants, care homes, shops, showrooms, warehouses etc.



Product Characteristics

- Solvent Free
- Acrylic Emulsion
- Non Staining
- Easy Peel-able Release System
- Easy to Spread
- Low Tack

Product Features

Coverage:
6 - 10m² per kg depending on tool used and absorbency of subfloor.

Open Time: 20 minutes

Drying Time: 8 - 12 hours

Specification	
Colour	Off White
Type	Acrylic Emulsion
Coverage	6m ² - 10m ² per kg depending on tool used and absorbency of subfloor.
Application	Paint Brush / Paint Roller
Open Time	Allow to dry approx 30 minutes at 20°C
Viscosity	Approx 8,000 cps at 20°
Installation Temperature	Minimum 10°C
Packaging	5, 25kg



Heavy Duty Spray Adhesive

A versatile heavy duty aerosol spray adhesive for fast track applications, bonds a wide variety of materials and is economical to use.



Description

Heavy Duty Spray gives a rapid bond formation and with its foaming formula for low soak in, it is ideal to use on a variety of materials including wood, concrete, stone, tiles, rubber, foam, metals, rigid plastics, polyethylene, canvas fabrics, cardboard, paper and cork, and may also be used for foam bonding, upholstery, automotive, carpets, trim.

It is also ideal for fixing polyethylene sheeting for enclosures prior to asbestos removal, for fixing thermal insulation and for packaging applications such as palletising or case sealing.



Internal



Flexible



Lifetime Guarantee

Product Characteristics

- CFC Free Aerosol Adhesive
- Rapid Bond Formation
- Synthetic Rubber/Resin
- Bonds to Variety of Materials
- Easy - Flo Variable Valve

Product Features

Application Temp: +5°C to +40°C
Drying Time: 2-5 minutes

Available in: 500ml



Sprayable Contact Adhesive

A multi-purpose, high strength, low odour spray adhesive designed to create a permanent strong bond.



Description

Nicobond Sprayable Contact Adhesive is a multi-purpose adhesive that will bond a wide variety of substrates, including wood, metals, rubber, fabric, pvc, most plastics cardboard, polythene and concrete, as well as decorative laminates.

It can also be used to bond expanded polystyrene when forming a bond to a different substrate (do not spray onto expanded polystyrene).



Internal



Flexible



Lifetime Guarantee

Product Characteristics

- CFC Free Aerosol Adhesive
- High Grab Formula
- Excellent Initial Bond Strength
- Synthetic Rubber/Resin

Product Features

Application Temp: +5°C to +40°C
Drying Time: 2-5 minutes
Coverage: 2.5m²

(Typical Coat Weight of 25gm²)

Available in: 500ml

Check with floor covering manufacturer for suitability of use with highly plasticised pvc floor coverings.



hotels

leisure

commercial

healthcare

education

In-screed 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.



Description

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.

Commonly fitted in new build flats as, the system is suitable for nearly any floor covering and is Part L compliant to provide an energy-efficient heating system.



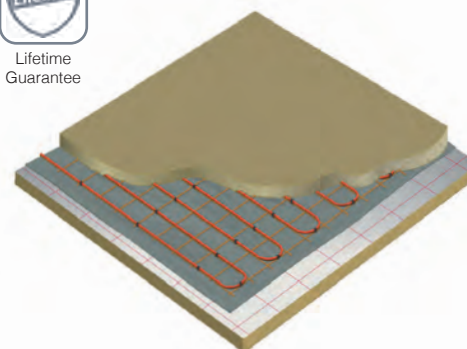
Internal



Flexible



Lifetime Guarantee



Product Characteristics

- Outer Insulation PVC(105) 90oc
- Earth Protection 100% Aluminium Earth Shield
- Cable Reinforcement Fibreglass Strands

Product Features

Coverage: @125W/m² 1.0m²-28.2m²
 @ 175W/m² 0.7m²-20.1m²

Usage: New build & major renovations

Floorcoverings: Suitable for most floor coverings

Specification	
Supply Voltage	240V+/- 10%
Output range	120W-3530W
Maximum load	22W/m
Standard range	10.5m-150.0m
Coldtail lead	2m double insulated cable
Wire thickness	6mm
Cable flexibility	Minimum radius 50mm
IP Rating	IPX7

Length	Wattage	Resistance	175W/m ² c-c 12.5cm	150W/m ² c-c 15.0cm	125W/m ² c-c 17.5cm
5.8m	120 W	464 Ω	0.7 m ²	0.8 m ²	1.0 m ²
10.0m	220 W	265 Ω	1.3 m ²	1.5 m ²	1.8 m ²
15.0m	330 W	176 Ω	1.9 m ²	2.2 m ²	2.6 m ²
20.0m	440 W	132 Ω	2.5 m ²	3.0 m ²	3.5 m ²
25.0m	550 W	105 Ω	3.1 m ²	3.7 m ²	4.4 m ²
30.0m	640 W	89Ω	3.6 m ²	4.4 m ²	5.1 m ²
36.0m	750 W	76 Ω	4.3 m ²	5.1 m ²	6.0 m ²
44.0m	950 W	61 Ω	5.4 m ²	6.5 m ²	7.6 m ²

Length	Wattage	Resistance	175W/m ² c-c 12.5cm	150W/m ² c-c 15.0cm	125W/m ² c-c 17.5cm
50.0m	1070 W	54 Ω	6.1 m ²	7.3 m ²	8.6 m ²
64.0m	1380 W	42 Ω	7.8 m ²	9.4 m ²	11.0 m ²
71.0m	1530 W	38 Ω	8.7 m ²	10.4 m ²	12.2 m ²
84.0m	1800 W	32 Ω	10.2 m ²	12.2 m ²	14.4 m ²
101.0m	2190 W	26 Ω	12.4 m ²	14.9 m ²	17.5 m ²
130.0m	2770 W	21 Ω	15.7 m ²	18.8 m ²	22.2 m ²
163.0m	3530 W	16 Ω	20.1 m ²	24.0 m ²	28.2 m ²



hotels

leisure

commercial

healthcare

education



Nicobond Skid Leveller *

● Adjustable stainless steel blade with two end skids, ideal for rough and uneven floors.

24" F6102052



Nicobond Pin Leveller *

● Made from heavy gauge aluminium and has a slotted steel blade for setting various depths.

24" F6102051



Nicobond Spikey Roller

● With frame & splashguard.

18 x 21	F0000114
12 x 21	F0000115
18 x 31	F0000120
12 x 31	F0000121



Nicobond Extendable Handle

● For use with spikey rollers, pin leveller, skid leveller.

2' - 4' F0000140



Nicobond Screeding Trowel

● A smoothing underlayment finishing trowel with a heavy square edge gauge steel blade.

F6102016



Nicobond Smoothing Trowel *

● A screed finishing trowel properly shaped and tempered.

F6102055



Nicobond Bucket Trowel

● Ideal for removing mortar/adhesive from a bucket of similar containers.

160mm N2540066



Nicobond Notched Trowel Handle

● Interchangeable handle for use with notched trowel blades..

F6102020



Nicobond V Notched Trowel Blade

● Use to spread flooring adhesive.

2mm	F0000031
1.5mm	F0000032
1mm	F0000033



Nicobond Mixing Paddle

● An all purpose mixing paddle, generates a thorough mix action

400 x 80mm N2540145



Nicobond Flexible Mixing Bucket

● Multi-use flexible buckets

40cm	N2540160
26cm	N2540158
12cm	N2540156



Nicobond Heavy Duty Bucket

● Heavy duty construction with pouring lip. Used for measuring water.

15cm N2540152



Nicobond Heavy Duty Knee Pads

● Tough wearing pads that protect knees from abrasion.

one size N2540146



Nicobond Extension Wall Roller *

● For rolling vinyl floorcoverings, carpet and wall coverings.

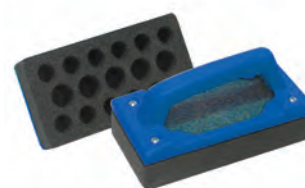
F6102021



Nicobond Hand Scraper

● Suitable for removing stubborn debris from floors, walls, & surfaces.

N2540198



Nicobond Grinding Stone

● Stones with D-Shaped handle used to remove trowel marks or high spots from screed.

205 x 105 F0000122



Nicobond Long Handled Floor Scraper*

- Ideal for the removal of vinyl floor, floor tiles.

F0000028



Nicobond Long Handled Floor Scraper Blades*

- Spare blades for long handled scraper.

F0000029



Nicobond Hand Scraper 12"

- For stripping large areas of flooring. Extra long handle for better leverage

12"

F0000026



Nicobond Hand Scraper Blades (Pack of 10)

- Spare blades for hand scraper

12"

F0000019

18"

F0000020



Nicobond Quarter Moon Knife Trim Plate *

- Trim plate for quarter moon knife

F0000022



Nicobond Leather Sheath For Quarter Moon Knife *

- Leather sheath for quarter moon knife

F6102047



N&C Pro Tape Measure

- Accurate, durable and ergonomic tape measure, 25mm wide tape and handy belt clip.

5m

H9990185



Nicobond Carpet Cutter Jute *

- Suitable for cutting jute, hessian or action backed carpets.

F0000080



Nicobond Carpet Clamp *

- Aluminium construction. Gives extra leverage and the harder you pull, the tighter the grip.

F0000085



Nicobond Large Stair Tool *

- Bolster suitable for tucking carpets along skirting etc.

F0000034



Nicobond Gripper Shears *

- For cutting carpet gripper to fit the contours of any room

F0000065



Nicobond Grooming Roller *

- Ideal compliment tool when carpet seam joining.

F0000084



Nicobond Stick-It

- A ready to use gap filling and panel adhesive.

310ml

N1740000



Nicobond Skeleton Gun

- Solid metal frame sealant gun for 310 and 400ml cartridges

N2540162



Nicobond Protection Board

- Manufactured from polypropylene for all round protection on site.

2.4x1.2
50x1 roll

N5100050
N5100075



Nicobond Fire Protection Board

- Fully approved to LPS 1207 and meets the LCPB standards.

2.4x1.2

N5100100

Leister Welding Kit

- Leicester "Triac ST" Weld Gun
- Acorn Nozzle,
- 5mm Speedweld Nozzle
- P-Type Groover,
- Pressure Roller,
- Crescent Knife,
- Crescent Knife Guide.



230	F000027
110	F000045



Leister Triac ST Welding Gun

- Robust hot air tool for welding and shrinking plastic, with nozzle

230	F6102011
110	F000024



Nicobond Acorn Nozzle for Leister Welding Gun

- This nozzle is used as an adapter on Triac welding guns.

F000025



Speed Nozzle

- Speed weld nozzle suitable for use with Triac range.

5	F6102014
---	----------



Element for Vinyl Floor Welder

- Spare element is for the Leister hot air welder

230	F000043
110	F000042



Altro Grooving Tool

- Altro Type Hand Grooving Tool for use with altro type grooving bars

Grooving Tools	F6102035
Grooving Bar	F6102033



Nicobond Router Blades

- Pack of 2 use with X-Acto Heavy Duty Handle.

square	F6102040
round	F6102038
diamond	F6102039



Nicobond Short Scriber

- Used for marking lines on your flooring, prior to cutting.

	F000051
Pack of 2 needles	F000076
Pack of 5 needles	F000075



Nicobond P Type Groover

- Used to cut a groove in hard or safety flooring prior to welding.

Groover	F6102042
Pack of 6 blades	F6102043



Nicobond Brass Pressure Roller

- Tool for pressing weld rod when installing vinyl weld hard flooring.

80	F000049
----	---------



Rubi Bucket for RUBIMIX

- For use with Rubi Rubimix

65L	60202
40L	60265

Flex MXE 18.0-EC Cordless 18v Paddle Mixer Kit

- Flex MXE 18.0-EC Cordless 18v Brushless Mixer Kit
- 3-Level Speed Switch
- 2 X 5.0ah Batteries
- Charger & Case



18v	H9307000
-----	----------

Sparky Heavy Duty Paddle Mixer

- SPKBM21060CE/CL Paddle Mixer
- 1050W motor
- 2 speeds for controlled mixing
- Complete with M14 connection and 2 paddles



240	H1199230
110	H1199231

Rubi Rubimix E-10 Energy

- 18V 5AH Cordless mixer
- 2 speed gearbox
- progressive switch and safety lock.
- Includes Mixer, battery charger, 1 battery
- M120FI mixing paddle



18v	26965
Battery Energy 18V 5AH	26966

Rubi RUBIMIX-9 50-60 Hz 1200w.

- Handheld mixer for cementitious adhesives, resins, paints.
- Direct connection M14 thread.
- Electronic regulator
- (1st 0-650 r.p.m. / 2nd 0-850 r.p.m.).
- Ø maximum paddle:140 mm.
- Ø 120 mm mixing paddle



N 110-130V 50-60 Hz. UK	25942
N 210-240V 50-60 Hz. UK	25944
N 210-240V 50-60 Hz. + chuck + portabrocas	24986
N 210-240V 50-60 Hz. + case	24958

Rubi RUBIMIX-9 DUPLEX 1350w

- Handheld mixer for cementitious adhesives and other materials.
- 1 Speed and electronic regulator: 0-480 r.p.m. Ø maximum paddle: 120 mm. x 2. Mixers paddles of Ø 120mm included.



230V 50/60HZ	25943
--------------	-------

Rubi RUBIMIX-16 ERGOMAX 1600w

- Handheld mixer for cementitious adhesives, resins, paints
- Gearbox with 2 speeds (1st 0-430 rpm / 2nd 0-570 rpm).
- Progressive switch (R.P.M. regulation).
- Ø maximum of mixer 160 mm.
- Mixer paddle Ø 140 mm.
- FAST-IN (5 9/16 ") included.
- Thread Direct link for mixers M14 finish. Weight: 4.6 kg.
- Electrical cable: 3 m



110V-50/60Hz UK	24995
230V-50/60Hz UK	24996
230V-50/60Hz UK W/Case	24998



Rubi FAST-IN adapter

- Transforms threaded connection M14x2 to quick connection system.

Adapter	76907
---------	-------



Rubi Mortar mixer paddle FAST-IN FI 3H

100 x 550mm	76941
120 x 600mm	76942
140 x 600mm	76943



Rubi Liquid mixer paddle L-FI

- Use only RUBIMIX-16 ErgoMax or FAST-IN adapter

100 x 550mm	76904
120 x 600mm	76905



Rubi Chuck

- Hexagonal and round finishing rods below 12mm. Includes chuck key

Chuck and key	71967
Chuck key	71968



Rubi Mortar mixer paddle M-R 3H

100 x 550mm	76917
120 x 600mm	76918
140 x 600mm	76919
160 x 600	76940



Rubi Epoxy mixer paddle E-80

- Mixing between 2.2 - 4.4 Lb. (1 - 2 kg.) of epoxy resins. 8 mm. hexagonal finish.

80 x 400mm	65939
------------	-------



Rubi Standard mixer paddle ML

- To mix all materials.

100 x 520mm	65931
-------------	-------



Rubi Liquid mixer paddle L

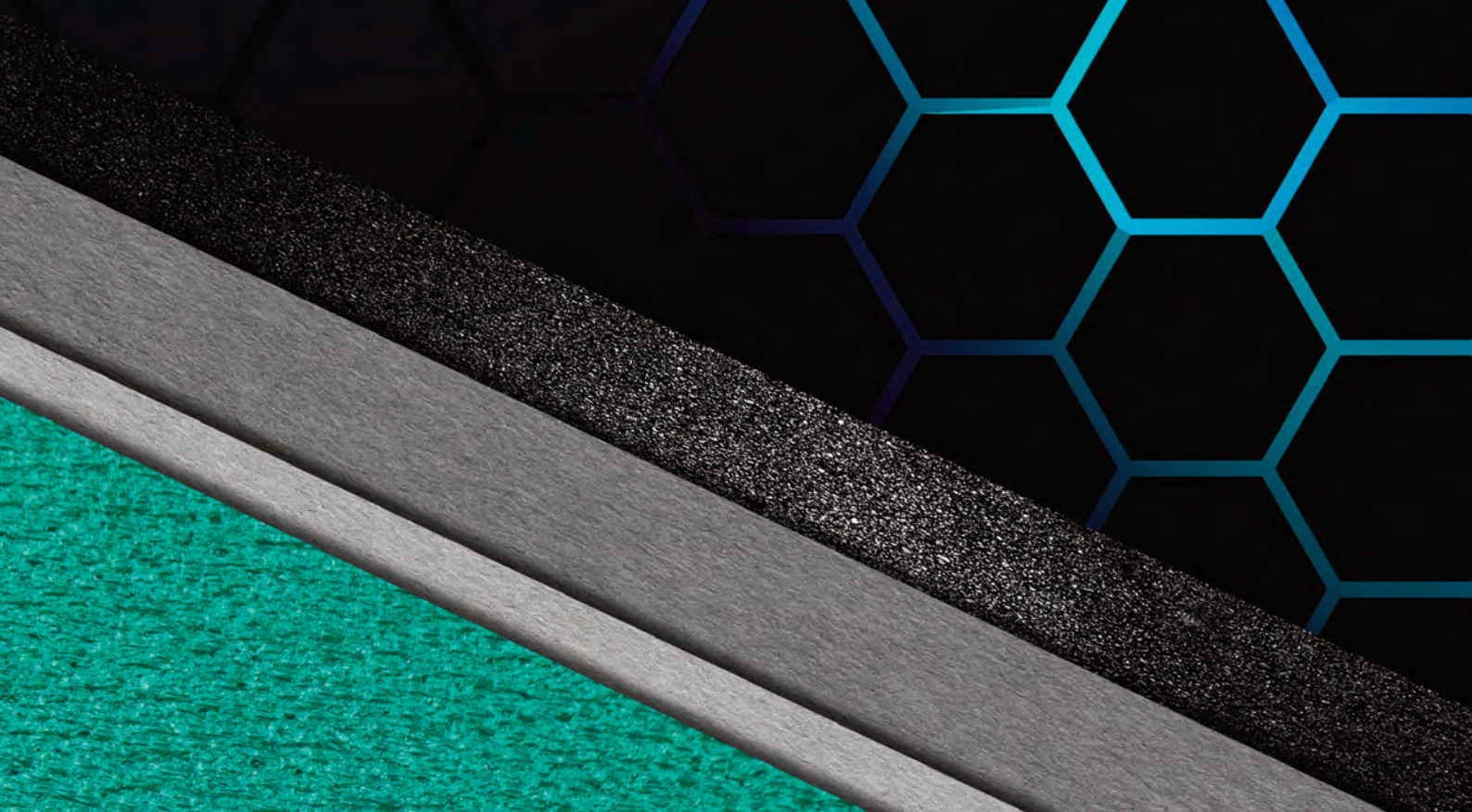
- Mix liquid & low density materials.

80 x 400mm	65933
100 x 550mm	65934

Flooring Solutions Guide

Nicobond offer unrivalled expertise and experience in providing solutions to help overcome different types of flooring problems, from day to day common issues, to the most challenging of installations where product performance and quality are vital.

N&C Nicobond offer invaluable technical expertise and advice for clients to ensure ultimate in confidence, reliability and performance.



Sub-Floor Preparation

The condition of the subfloor prior to installation has a direct influence on the success of the project and overall performance of the floor finish. It is therefore vital that the relevant British Standards Code of Practice are consulted to ensure the correct sub-floor preparation is undertaken. Inadequate or improper preparation can lead to installation failure at a later date. The condition of the base must be investigated and any necessary repair or preparation carried out prior to the application of the floor covering.

Testing the moisture in the screed is an important part of the preparation process. Nicobond has introduced a range of sophisticated moisture measuring equipment to effectively perform these tests. All substrates can be analysed, be it concrete, wood or plaster using our Nicobond Hygrometers or pin type Nicobond Moisture Meter. Based on the information the floors may require treatment With Nicobond Primer and/or Nicobond Surface Damp Proof Membrane.

Concrete & Sand/Cement Screeds

Concrete and sand/cement screeds must be dry and any laitance or surface treatments removed.

Sand/Cement screeds must have a moisture reading of less than 75% RH for resilient floor coverings and 65% for wood floor coverings before work can begin.

Allow approximately 1 day per mm for drying of new screeds. It is also advised to prime sand/cement screeds to maintain a good flow and prevent air bubbles rising to the surface.

Porous surfaces may need more than one coat. Prime with Nicobond Primer diluted at 4 parts water to 1 part Nicobond Primer.

Power Floated Concrete

The surface should have been allowed to dry for at least six weeks. Power Floated Concrete can have a loose top layer and in some cases laitance once it has dried. Mechanically remove any laitance or surface treatments. All dust and debris must be removed using a vacuum.

Ceramic, Quarry & Porcelain Tiles

The surface must be clean, dry, secure and free from dirt and dust. Use ScreedPro Feather Finish to fill in the grout joints to make the surface level prior to priming and applying the appropriate ScreedPro underlayment.

Under-floor Heating

Under-floor heating must be switched off 48 hours before and after application. When switching on start with a low temperature, gradually increasing it to its operating temperature at a rate of 5°C per day.

Undertile Heating

Use ScreedPro FibreFlex to encapsulate undertile heating systems over plywood up to a maximum of 10mm.

Flooring Grade Asphalt

The surface must be clean, secure and free from dirt and dust. A minimum application of 3mm (maximum 6mm) of the appropriate ScreedPro underlayment will be required.

Vinyl Tiles

Existing hard vinyl tiles must be secure and adhered to the sand/cement or concrete substrate to which the vinyl tiles was originally applied. The surface must be clean, sound and free from dirt and dust.

Floorboards and T/G boarding

Tongue and groove boards must be screwed down to the joists every 150mm to provide a rigid and flat surface. Ensure the substrate is strong enough to support the leveller, adhesive and final floor covering. Ensure there is sufficient ventilation beneath the substrate.

Plywood Overlays

The plywood must be 5.5mm or thicker screwed/ring nailed at 150mm centres in the middle (grid style) and 100mm centres around the edges.

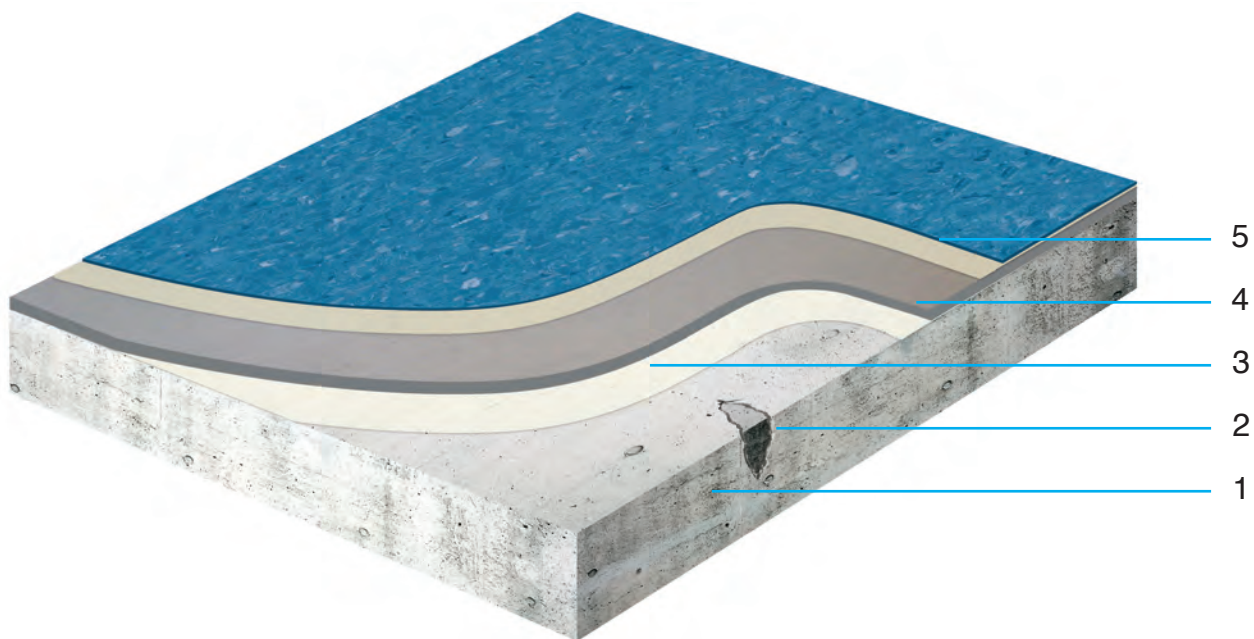
Use ScreedPro Feather Finish to fill in the joints etc prior to applying the appropriate ScreedPro underlayment.

Calcium Sulphate Screed

These screeds are particularly susceptible to moisture and must be tested for moisture content using our Nicobond Hygrometer. Calcium Sulphate Screeds can be force dried in accordance with the manufacturer's instructions. It is considered good practice to always mechanically abrade the surface to remove any laitance, resulting dust being collected by vacuum.

If a cement based underlayment is being used for levelling, then priming with Nicobond Primer is essential. The use of Nicobond ScreedPro All Purpose being an OPC free formulation with rapid drying and rapid setting properties coupled with a lower compressive strength make this a suitable underlayment. These products still contain a form of cement (high alumina cement HAC) so will still require priming.

Floor coverings onto concrete/cement screed



1. Ensure the concrete base or Cement screed has fully cured and is clean, sound and dry.
2. A damaged floor may be made good using ScreedPro Rapid Repair Mortar
3. 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.
4. Apply the selected underlayment according to the instructions.
5. Install floor covering using the appropriate flooring adhesive.

Suspended floor or direct to ground base must have an effective damp proof membrane installed. It is essential to measure the moisture content of the sub-floor using the appropriate moisture testing equipment. If the sub-floor is dense concrete, prime using neat Nicobond Primer and allow to dry.

Recommended Screeds



ScreedPro EcoLevel 30



ScreedPro Rapid30



ScreedPro Latex

Alternative Screeds



ScreedPro Flow



ScreedPro Fibreflex



ScreedPro Heavy Duty

Featured Products



Nicobond Primer



ScreedPro Rapid Repair

Flooring Adhesives



Multi-Purpose Flooring Adhesive



Acrylic Flooring Adhesive



Pressure Sensitive Flooring Adhesive



Contact Flooring Adhesive



Sprayable Contact Adhesive

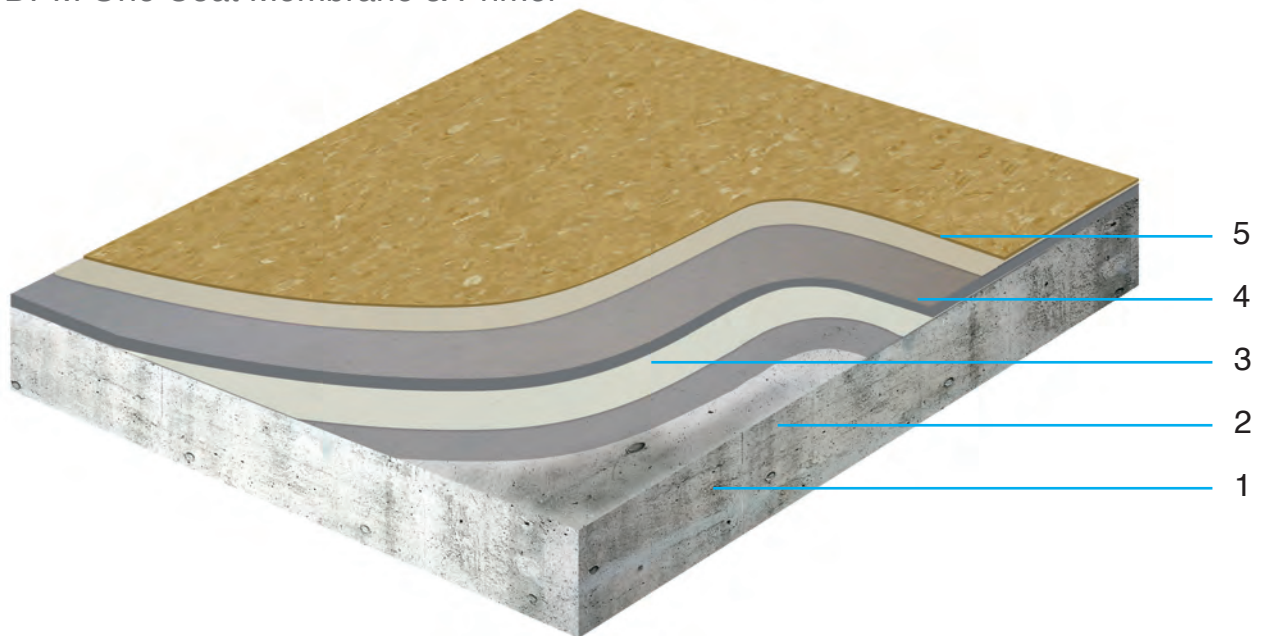


Heavy Duty Spray Adhesive



Surface Tackifier Flooring Adhesive

Floor coverings onto concrete/cement screed with DPM One Coat Membrane & Primer



1. Ensure the concrete base or Cement screed has undergone initial curing and is clean, sound and dry.
2. If the floor shows unacceptable levels of moisture then treat the surface with Nicobond DPM One Coat Membrane & Primer in accordance with instructions.
3. Once the DPM has cured apply a neat layer of Nicobond Primer and allow to dry. If the concrete is very rough pre-smooth with Rapid Latex Fibre No Ammonia or ScreedPro Latex Screed prior to application of the Nicobond DPM.
4. Apply the selected underlayment according to the instructions.
5. Install floor covering using the appropriate flooring adhesive.

DPM this is a damp proof membrane and vapour suppressant designed to allow early application of smoothing underlayments. Floors or direct to ground bases must have an effective damp proof membrane installed. It is essential to measure the moisture content of the sub-floor using the appropriate moisture testing equipment.

Recommended Screeds



ScreedPro Rapid Latex Fibre No Ammonia

ScreedPro Rapid30

ScreedPro Latex

Alternative Screeds



ScreedPro Flow

ScreedPro Heavy Duty

ScreedPro All Purpose

Featured Products



Nicobond Primer



DPM One Coat Membrane

Flooring Adhesives



Multi-Purpose Flooring Adhesive



Acrylic Flooring Adhesive



Pressure Sensitive Flooring Adhesive



Contact Flooring Adhesive



Sprayable Contact Adhesive

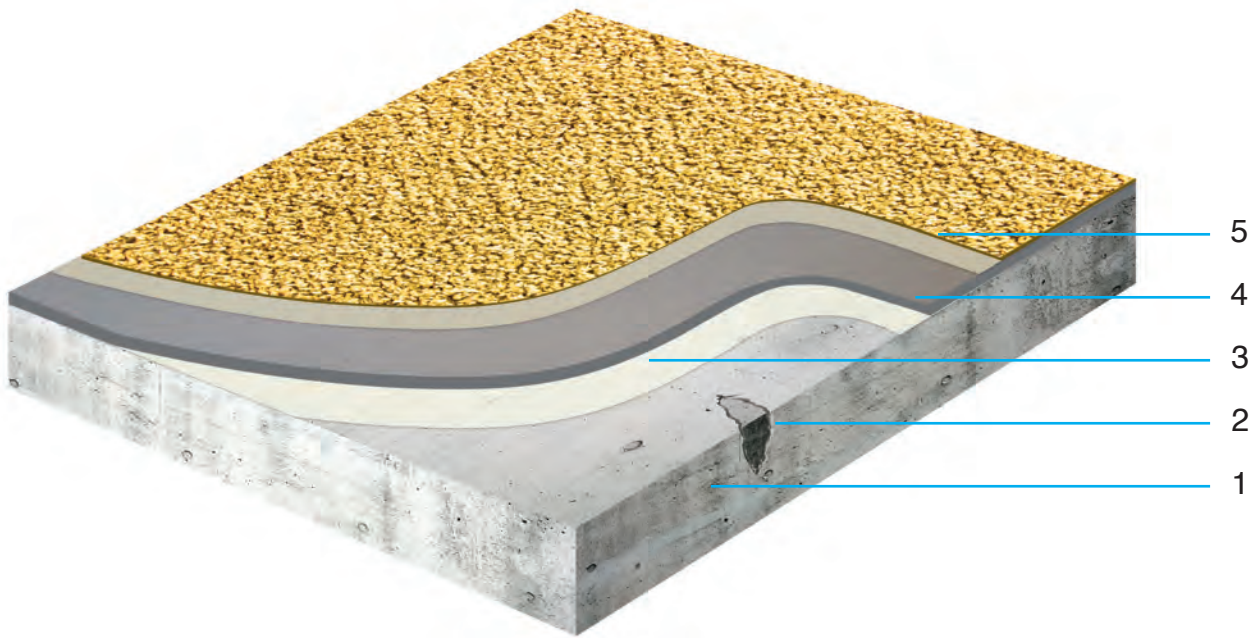


Heavy Duty Spray Adhesive



Surface Tackifier Flooring Adhesive

Rapid drying and rapid setting for fast track installations



1. Ensure the concrete base or Cement screed has fully cured and is clean, sound and dry.
2. A damaged floor may be made good using ScreedPro Rapid Repair Mortar.
3. 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.
4. Apply the selected underlayment according to the instructions.
5. Install floor covering using the appropriate flooring adhesive.

Suspended floor or direct to ground base must have an effective damp proof membrane installed. It is essential to measure the moisture content of the sub-floor using the appropriate moisture testing equipment. If the sub-floor is dense concrete, prime using neat Nicobond Primer and allow to dry.

Recommended Screeds



ScreedPro EcoLevel 30



ScreedPro Rapid30

Alternative Screeds



ScreedPro All Purpose

Featured Products



Nicobond Primer



ScreedPro Rapid Repair

Flooring Adhesives



Multi-Purpose Flooring Adhesive



Acrylic Flooring Adhesive



Pressure Sensitive Flooring Adhesive



Contact Flooring Adhesive



Sprayable Contact Adhesive

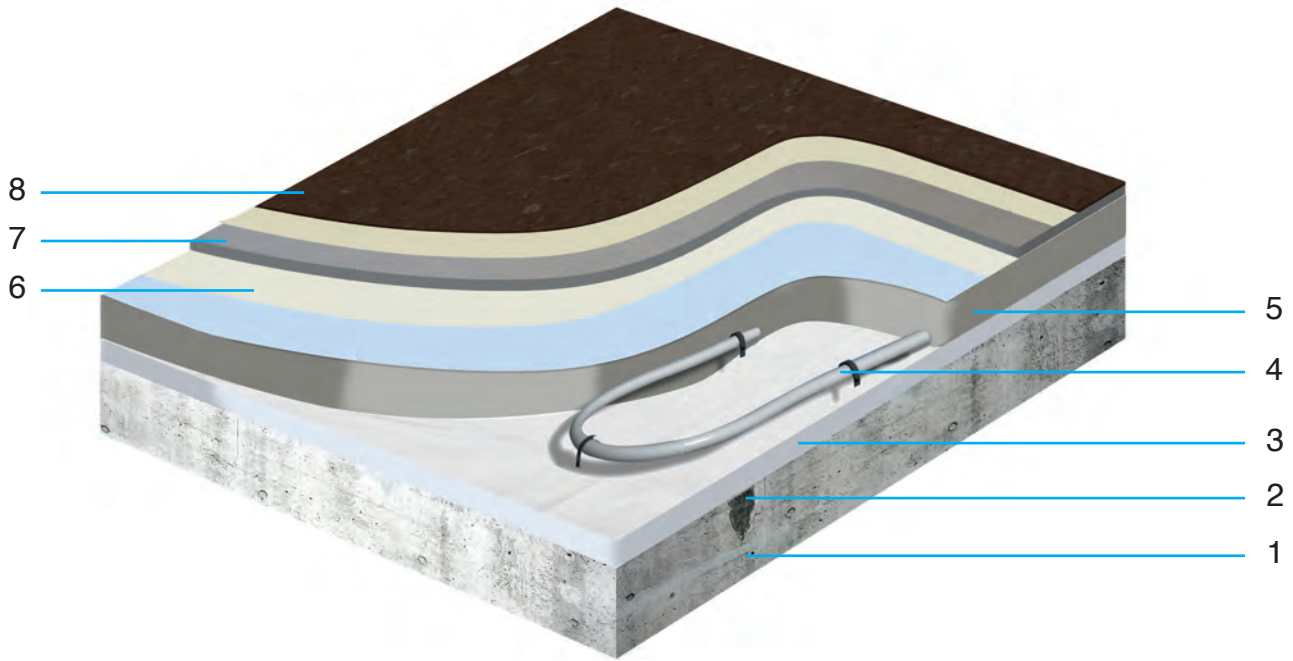


Heavy Duty Spray Adhesive



Surface Tackifier Flooring Adhesive

Underlayments onto in-situ Underfloor Heating



- | | |
|--|---|
| <ol style="list-style-type: none"> 1. Ensure the concrete base or Cement screed has fully cured and is clean, sound and dry. 2. A damaged floor may be made good using ScreedPro Rapid Repair Mortar. 3. Apply a 30mm Insulation layer and cover with polythene slip membrane/damp proof membrane (DPM) 4. Heating pipes tied to mesh or stapled to insulation at 250mm centres. | <ol style="list-style-type: none"> 5. Apply a 65mm layer of screed 6. 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. 7. Apply selected underlayment according to the instructions. 8. Install floor covering using the appropriate flooring adhesive. |
|--|---|

Suspended floor or direct to ground base must have an effective damp proof membrane installed. It is essential to measure the moisture content of the sub-floor using the appropriate moisture testing equipment. If the sub-floor is dense concrete, prime using neat Nicobond Primer and allow to dry.

Recommended Screeds



ScreedPro Flow

ScreedPro Rapid Latex Fibre No Ammonia

ScreedPro Rapid30

Alternative Screeds



ScreedPro EcoLevel 30

ScreedPro Heavy Duty

ScreedPro Latex

Featured Products



Nicobond Primer

ScreedPro Rapid Repair

Flooring Adhesives



Multi-Purpose Flooring Adhesive

Acrylic Flooring Adhesive

Pressure Sensitive Flooring Adhesive

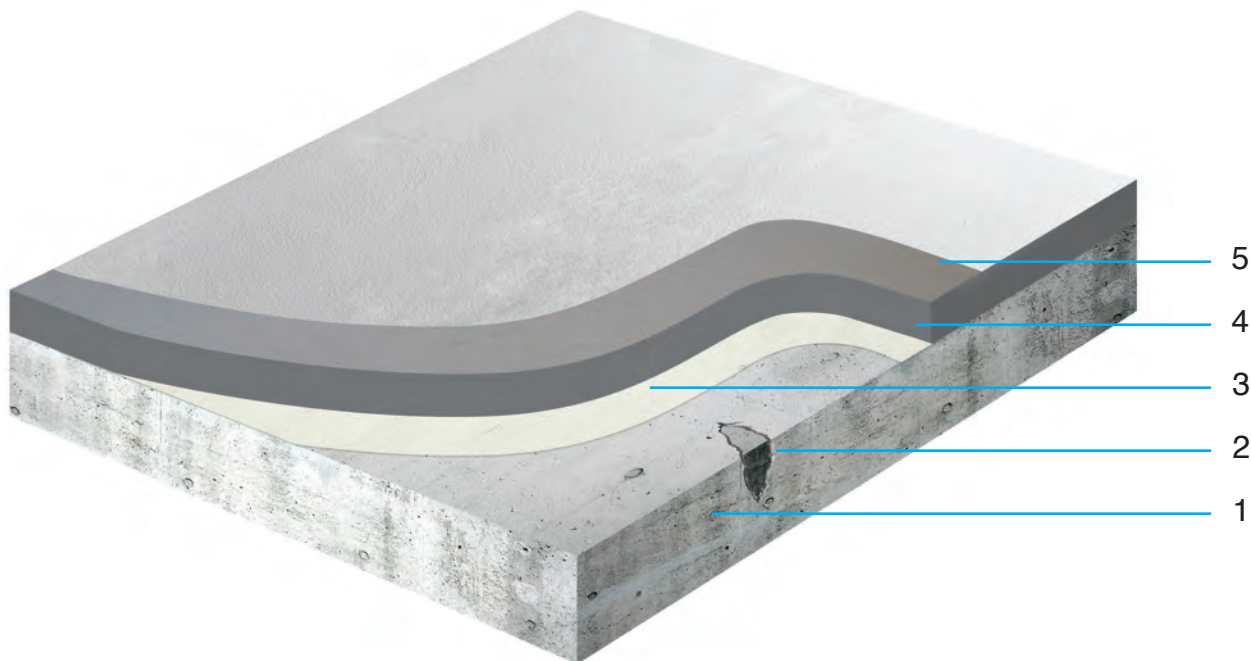
Contact Flooring Adhesive

Sprayable Contact Adhesive

Heavy Duty Spray Adhesive

Surface Tackifier Flooring Adhesive

Commercial/Industrial wearing surface



1. Ensure the concrete base or Cement screed has fully cured and is clean, sound and dry.
2. A damaged floor may be made good using ScreedPro Rapid Repair Mortar.
3. 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.
4. Apply the selected underlayment according to the instructions.
5. Apply suitable epoxy resin floor paint to provide a hard wearing industrial floor finish.

Suspended floor or direct to ground base must have an effective damp proof membrane installed. It is essential to measure the moisture content of the sub-floor using the appropriate moisture testing equipment. If the sub-floor is dense concrete, prime using neat Nicobond Primer and allow to dry.

Recommended Screeds

Featured Products



ScreedPro Heavy Duty



ScreedPro Flow



ScreedPro Fibreflex



Nicobond Primer

Flooring Adhesives



Multi-Purpose Flooring Adhesive



Acrylic Flooring Adhesive



Pressure Sensitive Flooring Adhesive



Contact Flooring Adhesive



Sprayable Contact Adhesive

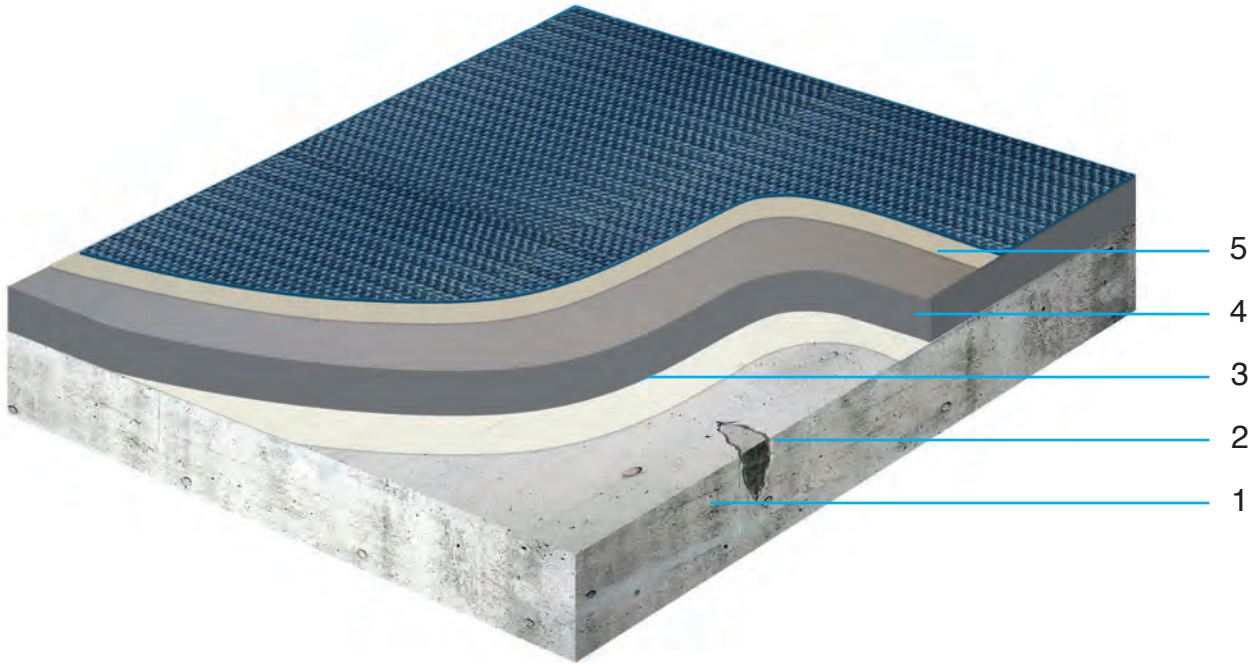


Heavy Duty Spray Adhesive



Surface Tackifier Flooring Adhesive

Renovation screed for floor coverings



1. Ensure the concrete base or Cement screed has fully cured and is clean, sound and dry.
2. A damaged floor may be made good using ScreedPro Rapid Repair Mortar.
3. 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.
4. Apply the selected underlayment up to 50mm thick according to the instructions.
5. Install floor covering using the appropriate flooring adhesive.

Suspended floor or direct to ground base must have an effective damp proof membrane installed. It is essential to measure the moisture content of the sub-floor using the appropriate moisture testing equipment. If the sub-floor is dense concrete, prime using neat Nicobond Primer and allow to dry.

Recommended Screeds



ScreedPro Fibreflex ScreedPro Flow ScreedPro Level Floor

Alternative Screeds



ScreedPro Heavy Duty ScreedPro Latex

Featured Products



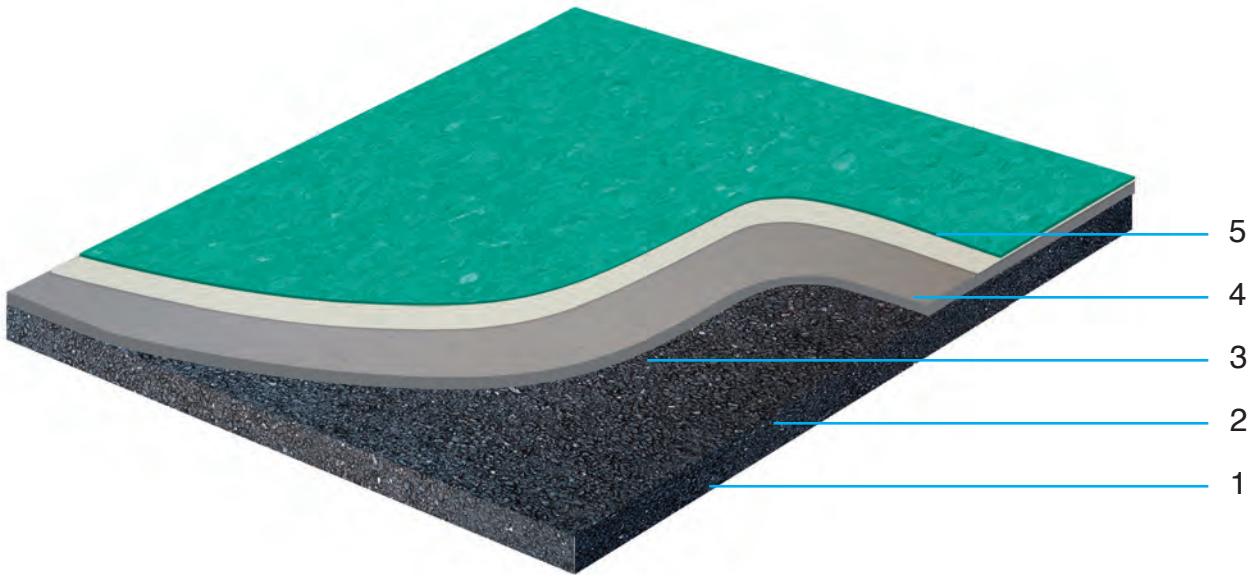
Nicobond Primer ScreedPro Rapid Repair Screed Granite Chippings

Flooring Adhesives



Multi-Purpose Flooring Adhesive Acrylic Flooring Adhesive Pressure Sensitive Flooring Adhesive Contact Flooring Adhesive Sprayable Contact Adhesive Heavy Duty Spray Adhesive Surface Tackifier Flooring Adhesive

Floor coverings onto hard flooring grade asphalt



1. Ensure the base has fully cured and is clean, sound and dry.
2. It is highly recommended to clean the surface thoroughly using a solution of Nicobond Super Cleaning Crystals mixed with hot water.
3. Apply a neat layer of Nicobond Primer and allow to dry.
4. Apply the selected underlayment up to approximately 5mm thick according to the instructions.
5. Install floor covering using the appropriate flooring adhesive.

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, the asphalt should be paving or flooring grade.

Recommended Screeds



ScreedPro Rapid Latex Fibre No Ammonia



ScreedPro All Purpose



ScreedPro EcoLevel 30

Alternative Screeds



ScreedPro Latex

Featured Products



Nicobond Primer



Nicobond Super Cleaning Crystals

Flooring Adhesives



Multi-Purpose Flooring Adhesive



Acrylic Flooring Adhesive



Pressure Sensitive Flooring Adhesive



Contact Flooring Adhesive



Sprayable Contact Adhesive

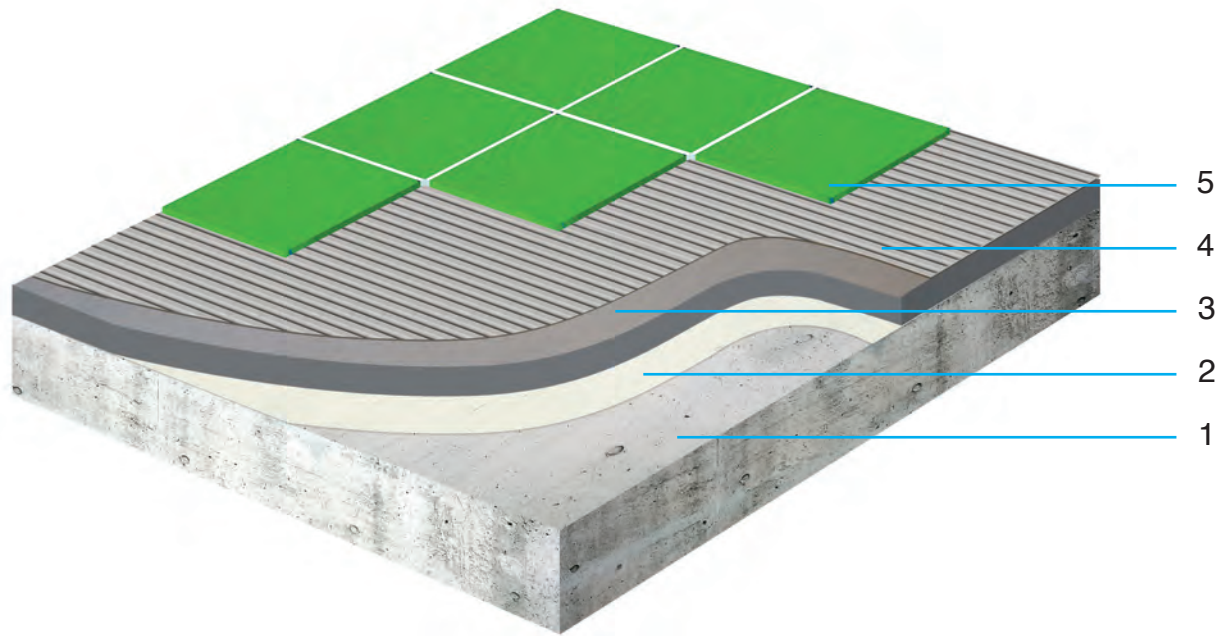


Heavy Duty Spray Adhesive



Surface Tackifier Flooring Adhesive

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



ScreedPro Rapid Latex Fibre No Ammonia

Alternative Screeds



ScreedPro Latex

Featured Products



Nicobond Primer

Flooring Adhesives



Rapidflex S1 Adhesive



Large Format Flex S1



Flexible Fibre S1



Rapid Tile & Stone Adhesive

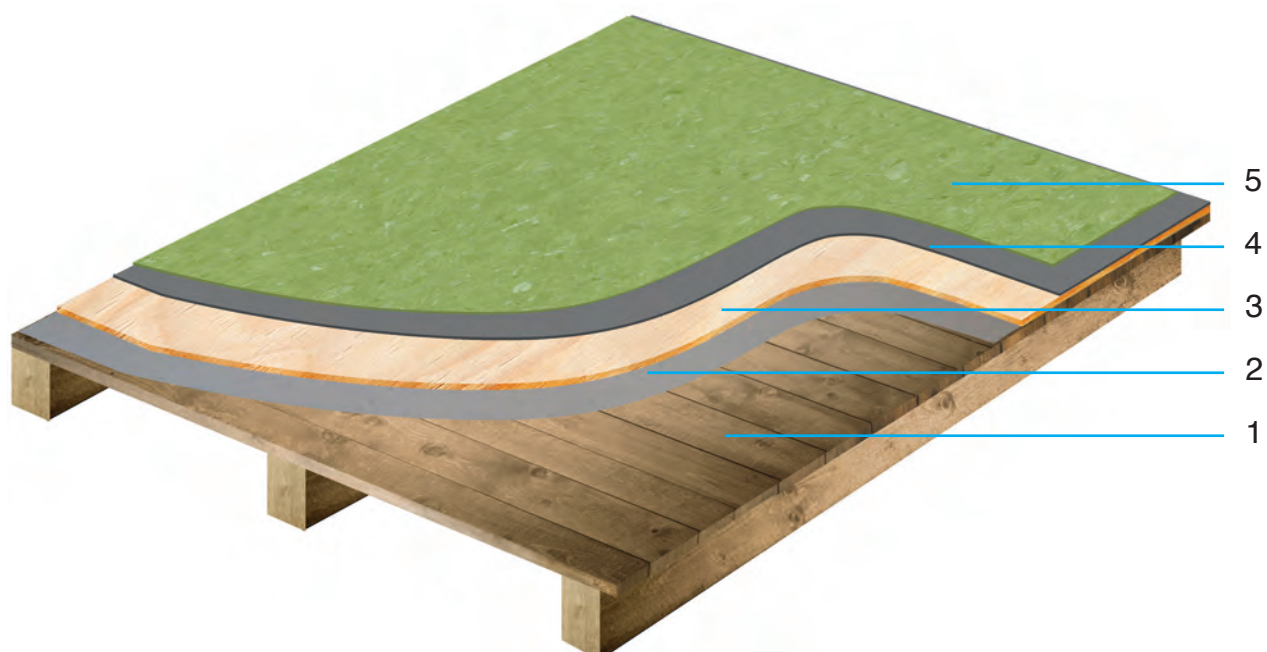


Xtra Tile & Stone Adhesive



EcoFlex S1 Adhesive

Floor coverings onto timber floors using sandwich construction



1. The floor should be constructed of flooring grade plywood or timber floorboards and should be clean, sanded and firmly fixed.
2. Apply the selected smoothing compound / screed according to the instructions.
3. Overboard with flooring grade plywood
4. Smooth over floor using ScreedPro Feather Finish to a maximum of 6mm thick.
5. Install floor covering using the appropriate flooring adhesive.

The plywood used for overboarding should be a minimum of 6mm thick and screwed down at 200mm centres prior to laying soft and resilient floor coverings.

Recommended Screeds



ScreedPro Fibreflex



ScreedPro Rapid Latex Fibre No Ammonia



ScreedPro Latex

Alternative Screeds



ScreedPro EcoLevel 30

Featured Products



ScreedPro Feather Finish

Flooring Adhesives



Multi-Purpose Flooring Adhesive



Acrylic Flooring Adhesive



Pressure Sensitive Flooring Adhesive



Contact Flooring Adhesive



Sprayable Contact Adhesive

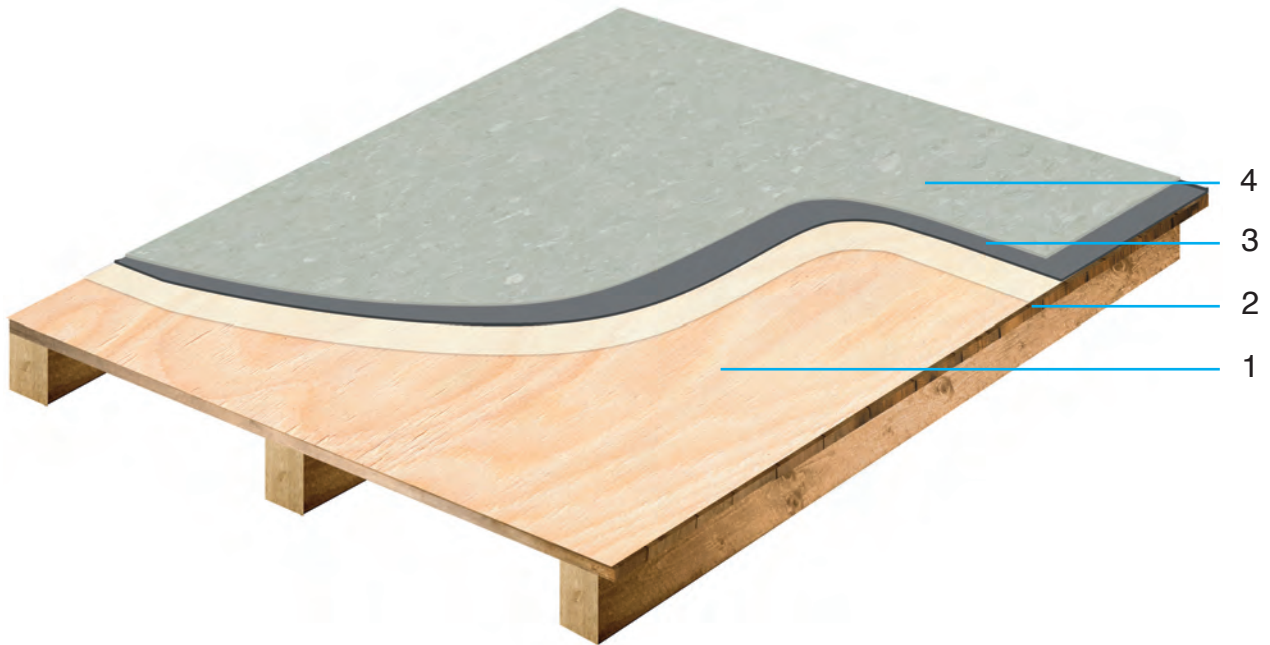


Heavy Duty Spray Adhesive



Surface Tackifier Flooring Adhesive

Floor coverings onto plywood floors



1. The floor should be constructed of flooring grade plywood and should be clean, sanded and firmly fixed.
2. Prime the surface with diluted Nicobond Primer in the ratio of 4 volumes of water to 1 volume of Nicobond Primer and allow to dry.
3. Apply the selected underlayment according to the instructions.
4. Install floor covering using the appropriate flooring adhesive.

Recommended Screeds



ScreedPro
Fibreflex

Alternative Screeds



ScreedPro Latex

Featured Products



Nicobond
Primer

Flooring Adhesives



Multi-Purpose
Flooring Adhesive



Acrylic
Flooring Adhesive



Pressure Sensitive
Flooring Adhesive



Contact
Flooring Adhesive



Sprayable
Contact Adhesive

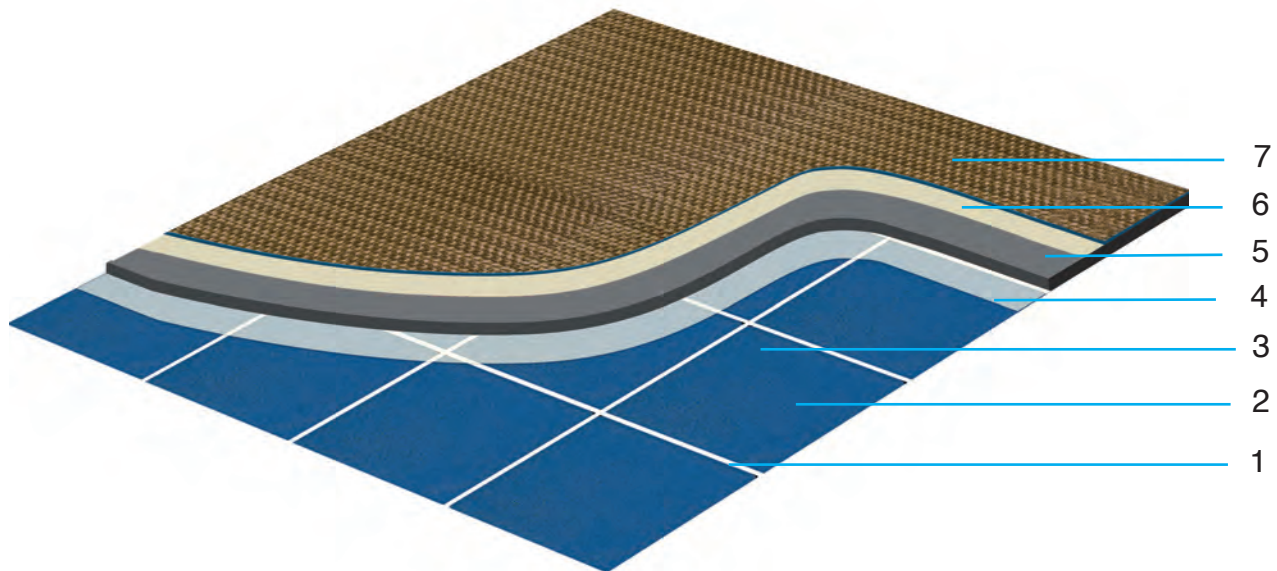


Heavy Duty
Spray Adhesive



Surface Tackifier
Flooring Adhesive

Floor coverings onto hard vinyl tiles



1. Ensure the existing vinyl tiles are firmly bonded to the base and are clean, sound and dry.
2. It is highly recommended to clean the surface thoroughly using a solution of Nicobond Super Cleaning Crystals mixed with hot water.
3. Any small areas to be patched can be made good using ScreedPro Feather Finish or ScreedPro Rapid Repair Mortar.
4. Apply a neat layer of Nicobond Primer and allow to dry.
5. Apply the selected underlayment according to the instructions.
6. Apply relevant flooring adhesive
7. Install floor covering using the appropriate flooring adhesive

Do not screed over Flexible vinyl tiles or sheet, these should be removed together with any residual adhesive.

Recommended Screeds

Alternative Screeds



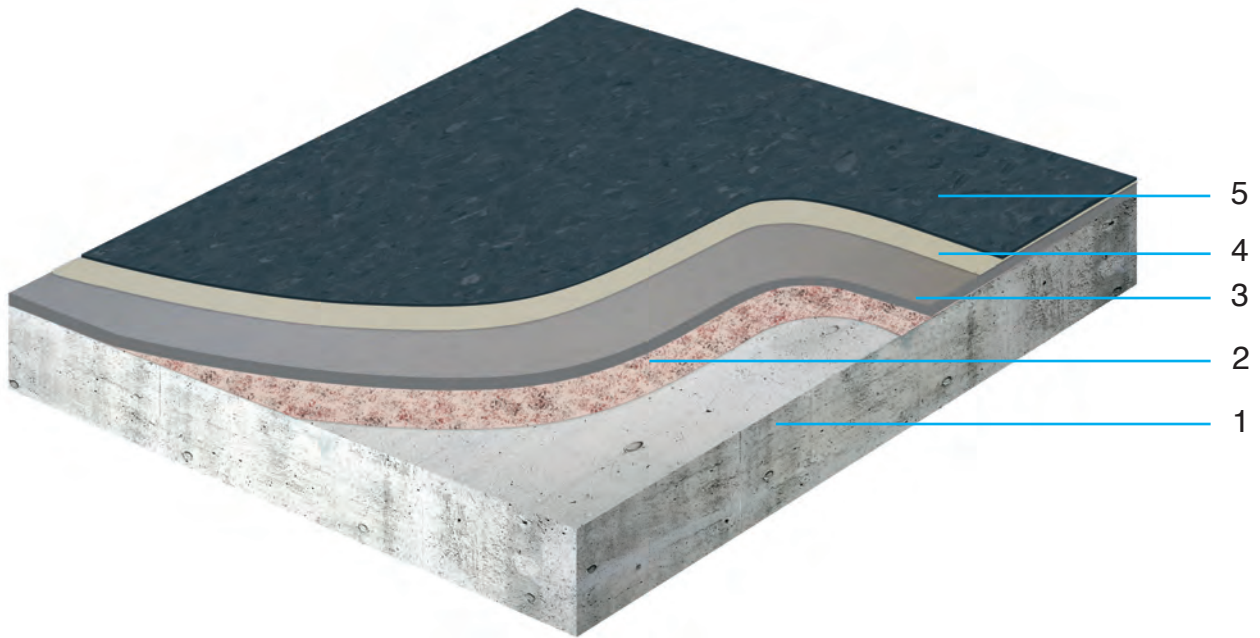
Featured Products



Flooring Adhesives



Fast Track Floor Refurbishment for floor coverings



1. Remove existing hard vinyl floor tiles from the sub-floor. Ensure the base is clean, sound and dry.
2. Remove as much of the residual flooring adhesive as possible.
3. Apply the selected underlayment up to 10mm thick according to the instructions.
4. Apply relevant flooring adhesive.
5. Install floorcovering using the appropriate flooring adhesive.

Suspended floor or direct to ground base must have an effective damp proof membrane installed.
 Note: Old adhesive residues must be hard and not softened by water.

Recommended Screeds



ScreedPro All Purpose



ScreedPro Rapid Latex Fibre No Ammonia

Flooring Adhesives



Multi-Purpose Flooring Adhesive



Acrylic Flooring Adhesive



Pressure Sensitive Flooring Adhesive



Contact Flooring Adhesive



Sprayable Contact Adhesive



Heavy Duty Spray Adhesive



Surface Tackifier Flooring Adhesive



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



Specifications

Product	All Purpose	EcoLevel 30	Rapid 30	Flow
Description	Rapid drying, rapid setting, 2 part, low odour, medium strength, self smoothing underlayment.	Rapid drying, rapid setting, 2 part, low odour, high strength self smoothing underlayment.	Rapid drying, rapid setting, single part, low odour, high strength self smoothing underlayment.	A premium, fast setting, high strength self smoothing and levelling compound.
CT category	C16 F5	C25 F7	C25 F6	C35 F6
Working Life at 20°C	10 mins	10 mins	10 mins	20 - 30 mins
Walk on hardness at 20°C	30 - 45 mins	30 mins	30 - 45 mins	2 hrs
Ready to fix ceramics at 3mm	45 mins	45 mins	45 mins	
Ready to fix resilient/LVT flooring at 3mm	45 mins loose lay 3 - 4 hrs bonded	45 mins loose lay 3 - 4 hrs bonded	45 mins loose lay 3 - 4 hrs bonded	8 mins loose lay 12 hrs bonded
Application Thickness (Min)	1mm	2mm	2mm	1 - 15mm unfilled
Application Thickness (Max)	10mm	15mm	10mm	50mm
Can Granite Chips be added	No	No	No	Yes
Coverage at 3mm per bag	4 - 4.5m ²	3.5 - 4m ²	4m ²	4m ²
Pack size (powder)	20kg	20kg	20kg	20kg
Pack size (liquid)	4.8 litres	4.8 litres	N/A	N/A
Protein Free	✓	✓	✓	✓
Suitable for Pump Application				✓
Power Floated Concrete	✓ + P1	✓ + P1	✓ + P1	✓ + P1
Concrete/Cement Sand Screed Substrates	✓ + P1	✓ + P1	✓ + P1	✓ + P1
Cement Sand Screed	✓ + P1	✓ + P1	✓ + P1	✓ + P1
Cement Based Levelling Compound	✓ + P1	✓ + P1	✓ + P1	✓ + P1
Calcium Sulphate Based Screed (Anhydrite)	✓ + P2	✓ + P2	✓ + P2	✓ + P2
Hard Internal Floor Grade Asphalt (sanded)	✓ + P3	✓	✓ + P3	✓ + P3
Underfloor Heating	✓	✓	✓	✓
Minimal Adhesive Residues on Solid Base	✓		✓ + P3	
Plywood Overlays				
Non-Absorbent Surfaces e.g. Terrazzo, Ceramic Tiles	✓ + P3	✓ + P3	✓ + P3	
Metal/Steel (non flexing, corrosion free & clean)				
Floor Boards				
Hard Vinyl Tiles	✓ + P3	+		✓ + P3
Nicobond Surface DPM'S	✓ + P3	✓ + P3	✓ + P3	
Typical areas of use				
Commercial	✓	✓	✓	✓
Industrial	✓	✓	✓	✓
Hospitals	✓	✓	✓	✓
Schools	✓	✓	✓	✓

Floor Surfaces



Fibre Flex	Heavy Duty	Level Floor	Latex + Liquid	Latex + Latex Flex	Rapid Latex Fibre NA
A technically advanced fibre reinforced smoothing and levelling compound.	A premium aggregated, very high strength, self levelling and self smoothing underpayment.	An economical fast setting, self smoothing underlayment, ideal for renovation work.	An conventional, 2 part, low odour self smoothing underlayment.	An conventional, 2 part, low odour self smoothing underlayment.	An Ultra Rapid Setting, Highly Versatile, Fibre Reinforced, Two Part, Low Odour, Self-Smoothing Compound.
C30 F7	C40 F7	C25 F7	C25 F7	C25 F7	C16 F7
20 - 30 mins	25 mins	20 - 30 mins	30 mins	30 mins	30 mins
2 hrs	2 hrs	2 hrs	2 hrs	2 hrs	1-2 hrs
4 hrs	4 hrs	4 hrs	4 hrs	4 hrs	4 hrs
8 hrs loose lay 24 hrs bonded	8 hrs loose lay 24 hrs bonded	4 hrs loose lay 12 hrs bonded	12 hrs bonded	12 hrs bonded	4 hrs loose lay 12 hrs bonded
2mm	5mm	2mm	1 - 8mm unfilled	1 - 8mm unfilled	1-10mm unfilled
50mm	50mm	50mm	30mm	30mm	30mm
Yes	Yes	Yes	Yes	Yes	Yes
4m ²	2.1m ² at 5mm	3.5 - 4m ²	4.5m ²	4.5m ²	5m ²
20kg	20kg	20kg	20kg	20kg	20kg
N/A	N/A	N/A	4 litres	4 litres	4.8kg
✓	✓	✓	✓	✓	✓
✓	✓	✓			
✓ + P1	✓ + P1	✓ + P1	✓ + P1	✓ + P1	✓ + P1
✓ + P1	✓ + P1	✓ + P1	✓ + P1	✓ + P1	✓ + P1
✓ + P1	✓ + P1	✓ + P1	✓ + P1	✓ + P1	✓ + P1
✓ + P1	✓ + P1	✓ + P1	✓ + P1	✓ + P1	✓ + P1
✓ + P2	✓ + P2	✓ + P2	✓ + P2	✓ + P2	✓ + P2
✓ + P3	✓ + P3	✓ + P3		✓ + P3	
✓	✓	✓	✓	✓	✓
		✓ + P3		✓ + P3	✓
			✓	✓	
				✓ + P3	✓ + P3
				✓ + P1	
✓ + P3	✓ + P3			✓ + P3	
				✓ + P3	✓
✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓



This product can be used in this situation



Specifications

Product	Feather Finish	Moisture Vapour Suppressant	Primer	One Coat Surface DPM
Description	A multi purpose, fast setting and quick drying smoothing and patching compound.	A one component moisture barrier for suppressing residual construction moisture in concrete slabs and/cement screeds.	Fast drying acrylic primer for use prior to application of Nicobond smoothing underlayments	One coat, 2 part water surface dpm and vapour suppressant
Working Life at 20°C	10-15 mins			45 - 60 mins
Walk on hardness at 20°C	15 mins		3 - 4 hrs	Curing 5/6 hrs at 20°C
Ready to fix ceramics at 3mm	15 mins	N/A	N/A	When cured
Ready to fix resilient/LVT flooring at 3mm	15 mins at 1mm	N/A	N/A	When cured
Application Thickness (Min)	15 mins loose lay 30 mins bonded	N/A	N/A	250 - 300 microns
Application Thickness (Max)	Feather Edge	N/A	N/A	N/A
Can Granite Chips be added	6mm	N/A	N/A	No
Coverage at 3mm per bag	No	80-120 sqm Single Coat	30m ²	10m ²
Pack size (powder)	10m ² at 1mm	N/A	5 and 1 litres	5kg
Pack size (liquid)	10kg	6kg	N/A	N/A

Floor Surfaces

Protein Free	✓			
Suitable for Pump Application				
Power Floated Concrete	✓ + P1	✓	✓	✓
Concrete/Cement Sand Screed Substrates	✓ + P1	✓	✓	✓
Cement Sand Screed	✓ + P1	✓	✓	✓
Cement Based Levelling Compound	✓ + P1	✓	✓	✓
Calcium Sulphate Based Screed (Anhydrite)	✓ + P2			
Hard Internal Floor Grade Asphalt (sanded)	✓ + P3			
Underfloor Heating	✓	✓	✓	✓
Minimal Adhesive Residues on Solid Base				
Plywood Overlays	✓ + P1		✓	
Non-Absorbent Surfaces e.g. Terrazzo, Ceramic Tiles				✓
Metal/Steel (non flexing, corrosion free & clean)				
Floor Boards			✓	
Hard Vinyl Tiles	✓ + P1		✓	
Nicobond Surface DPM'S				✓
Typical areas of use				
Commercial	✓	✓	✓	✓
Industrial	✓	✓	✓	✓
Hospitals	✓	✓	✓	✓
Schools	✓ + P1	✓	✓	✓

P - Permanent
 R - Release
 V - Vertical
 Sprayable Contact *
 Not suitable for highly
 plasticised products



Product	Multi Purpose	Acrylic	Pressure Sensitive	Contact	Surface Tackifier	Heavy Duty Spray	Sprayable Contact *
---------	---------------	---------	--------------------	---------	-------------------	------------------	---------------------

Carpet

Actionbac	P		P	V		P/R	V
Jute Hessian	P		P	V		P/R	V
Synthetic	P		P	V		P/R	V
Felt	P		P	V		P/R	V
Rubber Latex	P		P	V		P/R	V
Unitary	P		P	V		P/R	V
Textile	P		P	V		P/R	V
Woven	P		P	V		P/R	V
Secondary	P		P	V		P/R	V
Gel Foam	P		P	V		P/R	V
Fibre Bonded	P			V		P/R	V

Carpet Tiles

Bitumen/Felt	P		P	V	R		
Anchorite/Polyester	P		P	V	R		
PVC			P	V	R		

Underlay

Underlay					R		
----------	--	--	--	--	---	--	--

PVC

Vinyl Tiles		P	P				
PVC		P	P	V			V
PVC Foam		P			R		
Coving				V			V
LVT			P				

Linoleum

Jute/Hessian				V			
Polyester				V			

The recommendations in this publication are made in good faith for the guidance of specifiers and users. Reference should be made to our website www.ncnicobond.com to obtain the latest Technical and Safety Data Sheets. N&C Building Products Limited cannot be held liable for errors within this document.

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.

Always use clean mixing equipment and tools, which should be washed in water immediately after use. When mixing cement based 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 Chips 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 the surface.

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.

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.

The surface 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 in place, refer to the technical department for further advice.

When applying levelling or smoothing screeds over adhesive residues (hard and not softened by water) or over Nicobond DPM One Coat Membrane and Primer then the screed depth should be a minimum 3mm and maximum 6mm thickness.

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 5oc or above 25 oc; 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. 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, such as Nicobond DPM, Nicobond DPM one Coat. All Nicobond products should be mixed and applied in accordance with the relevant and most current product data sheet.

High suction surfaces

For 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 must be sealed using System 2 below, as a minimum. Should any doubt remain concerning porosity then a priming coat according to System 1 should be applied and allowed to set before further work proceeds.

British Standards stipulate minimum periods for the drying or curing of certain 'wet trade' backgrounds. Typical substrates and the relevant information are shown below. More comprehensive data will be found elsewhere in this publication and by reference to the appropriate standards.

BS 8203 Damp-proofing solid floors

As the floorcoverings, adhesives and smoothing compounds may be adversely affected by moisture, sub-floors should be so constructed as to protect the floorcovering installation from moisture or water vapour from the ground.

Materials and methods for damp-proofing solid floors are described in BS 8102 and it should not be assumed that existing ground-supported concrete floors are adequately damp-proofed. Where existing structures do not incorporate adequate moisture protection, proprietary surface applied membranes or mastic asphalt should be used.

Integral water-proofers incorporated in the concrete or screed will not provide adequate damp protection for the floorcoverings and will retard the drying process. Beam and block construction floors, whether finished with cement/sand or particle board, should incorporate a vapour control layer.

Eliminating construction moisture

Before floorcovering installation, it is necessary not only to ensure that the floor is constructed to prevent moisture reaching the floorcoverings from the ground, but to ensure that sufficient construction water is eliminated.

Usually the floorcovering is fixed directly on to the concrete base slab or onto a screed laid above this. In either case the amount of water used is more than that required for hydration of any cement because the extra water is required to give adequate workability to the mix. It is essential that this extra water be allowed to evaporate and the time for this to happen should be taken into account at the planning stage.

Estimated drying times are necessarily only approximate as drying is influenced by ambient conditions, the concrete used, thickness and surface finish. Thickness and surface finish are particularly important.

For cement/sand screeds laid directly over a damp proof membrane, one day should be allowed for each millimetre of thickness for the first 50mm, followed by an increasing time for each millimetre above this thickness. It is thus reasonable to expect a screed 50mm thick under good drying conditions, to be sufficiently dry in 2 months. For thick concrete bases laid directly over a damp proof membrane longer drying times are required.

The time/thickness relationship used to predict the drying time of cement(s) and screeds does not apply to concrete bases. In practice it has been found that even under good drying conditions concrete bases 150mm thick often take more than one year to dry from one face only.

Moderate and heavy use of power-float and power-trowel finishing methods further delays drying. Suspended concrete bases laid onto permanent metal shuttering or other impermeable materials will have similar drying times to those laid over damp proof membranes. For slabs which can dry from both sides, about half the thickness can be considered to dry downwards. Where screeds are laid directly onto the concrete bases, without a damp proof membrane between them, account should be taken of the time required to dry the total thickness of the construction.

Commonly, where floorcoverings are to be laid and the time schedules do not permit extended drying times for concrete bases, the use of sandwich damp proof membranes between the base concrete and the screed significantly reduces the time that needs to be allowed for drying.

Rapid drying cement-based systems are frequently used to produce rapid drying screeds which can reduce the timescales from months and years down to days or even hours.

Protection against construction moisture

Where time scales do not allow sufficient drying times and the use of a sandwich damp proof membrane is inappropriate, the need for a surface damp proof membrane to control the excess construction moisture in the sub-floor should be taken into account at the design stage. Please refer to the Nicobond Moisture Vapour Suppressant or Nicobond DPM One Coat Membrane and Primer data sheets for more information.

Testing

Cementitious sub-floors should be tested by the appropriate method and the floorcovering not laid until readings have been obtained which indicate a relative humidity of 75% or less.

Independent studies have shown that a non-invasive test of the type described in BS 8203 is the only suitable method relevant for use in conjunction with installation of resilient floorcoverings.

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.

Gypsum & Anhydrite Based Screeds

These types of screeds are popular on major construction projects as they are perceived to be quick drying and can be installed up to 10 times faster than conventional sand/cement screeds. They have three main problems as far as using a smoothing compound or installing vinyl floorcoverings are concerned: moisture content, surface finish and chemical compatibility.

Moisture Content

Because Unbonded Gypsum and Anhydrite screeds are stronger than sand/cement screeds they are generally installed thinner (35-40mm as opposed to 50 -75mm). They actually dry at about the same rate as sand/cement (1mm per day in ideal conditions) but of course the reduced thickness means that total drying time is considerably reduced. In normal site conditions, which are usually less than ideal! This translates into a probable drying period of 2-4 months.

It is important to note that unlike sand/cement, these screeds dry from the bottom upwards (crystallisation rather than evaporation). This means that Hygrometer tests carried out in accordance with BS8203 will give no indication of the drying cycle.

Carbide bomb test may be more accurate (0.5% is roughly equivalent to 75%RH) but some tests have shown it to be unreliable. Other manufacturers have developed a special instrument which they claim will accurately monitor the drying cycle of Anhydrite screeds.

Generally the suppliers of these screeds do not recommend the use of a surface DPM where there is a risk of retained moisture leading to degradation of the screed. Guidance from the relevant manufacturer must be obtained regarding Moisture testing and treatment.

It remains 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.

Surface Finish

These screeds are commonly applied by pump which leaves a laitance on the surface. After 2 or 3 days this has to be sanded off. The timing and quality of the sanding is critical, too soon and the top surface will be soft and sticky causing clogging and a poor finish, too late and it becomes hard to achieve a smooth finish and large amounts of dust are created.

Chemical Compatibility

This type of screed contains calcium sulphate which, if it comes into contact with the cement material present in smoothing compounds and water (from adhesives) will cause a chemical reaction and a subsequent failure of the smoothing compound bond. Calcium sulphate may also reduce the effectiveness of flooring adhesives. It is therefore essential that a suitable Nicobond primer is applied before any Nicobond smoothing compound or adhesive is applied.

It will be apparent from the above that the Flooring Contractor would be well advised to ensure that he identifies the screed type and treats it accordingly taking advice from the manufacturers if necessary.

Shelf Life

Unless otherwise stated Nicobond products have a shelf life of 12 months in unopened packaging from the date of packing. Refer to www.ncnicobond.com for the individual data sheet for specific advice.

Storage

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

MSDS – Deleted as referred to in opening paragraph

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.

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.

- | |
|--|
| <ol style="list-style-type: none"> 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. |
|--|

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 must be sealed using system P1 below, as a minimum. Should any doubt remain concerning porosity then a priming coat as system P3 should be applied and allowed to dry before further work proceeds. .

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

System P1 Priming/Sealing exterior	System P2 Priming Anhydrite/Calcium Sulphate Screeds	System P3 Priming	System P4 Priming
For the simple priming/sealing of all cementitious and other surfaces particularly for exterior work, brush into the surface a thin even layer of :- 1 volume Nicobond Primer 4 volumes water mixed by stirring The layer should be allowed to dry slightly before applying Nicobond smoothing compounds or adhesives. Coverage: Approximately 30m ² per litre of Nicobond Primer.	To prevent the risk of the formation of Ettringite it is essential to prime these surfaces prior to the application of cementitious compounds or adhesives. Brush into the surface a thin layer of :- 1 volume Nicobond Primer 3 volumes water mixed by stirring. Allow layer to dry before applying a second coat at right angles to the first. Allow to dry before continuing. Approximately 24m ² per litre of Nicobond Primer.	A most effective primer for all cement based adhesives and screeds, brush into the surface a thin even layer of neat Nicobond Primer The layer should normally be allowed to set for a few hours before work progresses. Coverage: Approximately 6 – 10m ² per litre of Nicobond Primer, depending on surface Porosity.	For priming and bonding a new screed to an existing screed, apply onto the surface a thin layer of DPM One Coat Membrane and Primer. It is recommended that the new screed be placed into the primer coat while it is still tacky. Coverage: Approximately 2.7kg/m ² of Nicobond One Coat Membrane and Primer

PROFESSIONAL
Nicobond



Nicobond ScreedPro Smoothing Compounds
High performance smoothing compounds offering
market leading handling characteristics and superb flow.



British Manufacturers

Quality products for flooring & tiling professionals

www.ncnicobond.com | 0845 605 1345 | info@nichollsandclarke.com

Total Solution *provider*



WETROOMS

As manufacturers of the complete system, N&C offer every component required to create a stylish, level access showering environment.



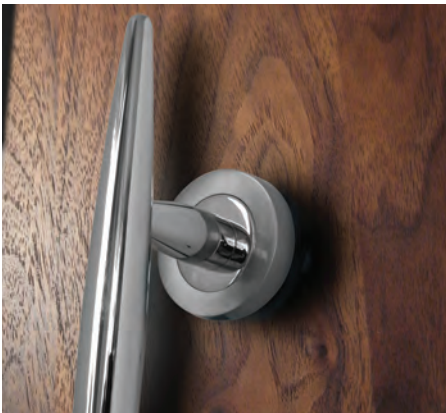
ADHESIVES

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



FLOORING

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



BATHS

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



INDEPENDENT LIVING

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.nichollsandclarke.com

N&C

Nicholls & Clarke Group

N&C Building Products Ltd.
Registration Number: 140
Registered in England
www.nichollsandclarke.com
Code: Y50090



Distribution Centres, Trade Counters & Showrooms

N&C Building Materials
41-51 Freshwater Road
Chadwell Heath
Romford, Essex RM8 1SP
Tel: 020 8586 4600
Fax: 020 8586 4646

Unit 4
Cothill Close
Plympton
Plymouth PL7 1SR
Tel: 01752 339724
Fax: 01752 342746

Units 3 & 4
Cardiff Trade Park
Hadfield Road
Cardiff CF11 8AQ
Tel: 029 2039 0146
Fax: 029 2022 4356

Unit 4
Waterloo Industrial Estate
Flanders Road, Hedge End
Southampton SO30 2QT
Tel: 01489 779700
Fax: 01489 779701

Nicobond Factory
Amicable Street,
Burslem,
Stoke on Trent ST6 3BJ
Tel: 01782 833330
Fax: 01782 834225
Pre Ordered Collections Only

Nicholls & Clarke

Est 1875

Trade Counters & Showrooms

Units 1A/B Alexander Place
Lower Park Road
New Southgate
London N111QD
Tel: 020 8361 6050
Fax: 020 8361 4757

Unit 8 Ascent Park
Edinburgh Way
Harlow Essex CM20 2HW
Tel: 01279 621980
Fax: 01279 621981

Unit 9 - 11
McDonald Business Park
Maylands Avenue,
Hemel Hempstead
Hertfordshire HP2 7EB
Tel: 01442 234635
Fax: 01442 279501

25 Gunnels Wood Park
Gunnels Wood Road
Stevenage Hertfordshire SG1 2BH
Tel: 01438 315400
Fax: 01438 740338

Unit 14 Meridian Trading Estate
Bugsby Way
Charlton London SE7 7SJ
Tel: 020 8269 5960
Fax: 020 8269 5961

Unit 1 Cliffside Trade Park
Motherwell Way
Lakeside West Thurrock
Essex RM20 3XD
Tel: 01708 680180
Fax: 01708 680181

Unit 8D Pompey Centre
Fratton Way Southsea
Portsmouth PO4 8TA
Tel: 02392 894599
Fax: 02392 894598

Unit E5
Copley Hill Trading Estate
Whitehall Road, Leeds LS12 1HE
Tel: 0113 243 5644

Units 10, 11, 14 & 15
Advent Business Park
Advent Way
Edmonton N18 3AF
Tel: 020 8807 3227
Fax: 020 8807 3223

2 - 3 Albarn Close
Wyncolls Road
Severalls Park
Colchester Essex CO4 9HY
Tel: 01206 849300
Fax: 01206 845878

Unit 5 Tower Court,
St. David's Road
Swansea Enterprise Park
Swansea SA6 8AL
Tel: 01792 797337
Fax: 01792 774019

Leofric House, Off Phoenix Way
Waterman Road, Coventry CV6 5TP
Tel: 02476 705300
Fax: 02476 705301

1 Frensham Road
Sweetbriar Industrial Estate
Norwich Norfolk NR3 2BT
Tel: 01603 409169

