

Product Data Sheet

Xtra Tile & Stone

Description

A high build adhesive with a traditional mortar consistency for bonding all types of ceramic wall and floor tiles including natural stones. A thin or thick-bed, high build, waterproof, standard setting cement based adhesive with additional resins for superior performance. An exceptional adhesive for bonding ceramic wall and floor tiles, mosaic, slip brick, marble, granite and other natural stones to: Sand/cement rendering, brick, blockwork, screeds and concrete.

Exceeds requirements of BS EN 12004.

Uses

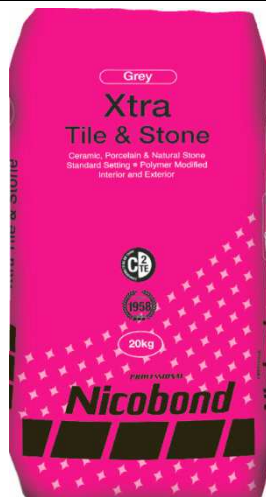
When mixed with Nicobond Enhancer 2002, can be used for bonding to: glazed surfaces, painted surfaces, galvanised and mild steel "Polished" concrete Power-floated screeds, Plywood, Tile backing boards, e.g. Aquapanel Flooring grade asphalt

Suitable for use in swimming pools.

Features

- Ideal for dense and non absorbent natural stone
- Thin or Thick bed adhesive
- Excellent initial grab - non-slip
- Internal and external applications
- Suitable for tiling swimming pools
- Compatible with Under-tile heating systems.

EN 12004 Test Methods	
EN 1308	Determination of slip
EN 1346	Determination of open time
EN 1347	Determination of wetting capability
EN 1348	Determination of tensile adhesive strength



Application Data

Colour	Grey & White
Mixing Ratio (Water only)	Approx 2.5 vols powder to 1 vol Clean water. (Approx 20kg to 6 l water).
Mixing Ratio (with Nicobond Enhancer 2002)	For every 100kg of powder, mix approx 15 litres of Enhancer and 15 litres of clean water and use as the gauging liquid.
Mixing	For large quantities, use a Nicobond whisk in a slow speed electric drill and mix to a smooth consistency, use immediately.
Consistency of mix	Slump resistance mortar
Bed thickness	Up to 10mm on walls Up to 15mm on floors
Coverage	Notched trowel method 2kg per m ² at 3mm thickness. Solid bed 4kg per m ² at 3mm thickness.
Pot Life	Approx 5 hours at 20°C
Open Time	10 – 20 minutes at 20°C
Adjustability Time	20 minutes at 20°C
Setting time	Approx 12 - 18 hours at 20°C
Grouting After Fixing	Walls: Approx 12 - 18 hours Floors: Approx 18 – 24 hours at 20°C
Ready For Light foot Traffic	Approx 18 - 24 hours at 20°C
Installation Temperature	Minimum 5°C - 30 °C
Operating Temperature	- 20°C to 100°C
Packaging	20kg





Products for the Professional

Nicobond Xtra Tile & Stone

October 2018

Priming

Sealing and Priming cementitious and other surfaces
– Use Nicobond Primer diluted with water.

Highly Absorbent cementitious surfaces and difficult substrates
– Use Nicobond Primer diluted with water and blended with the cement based product to be used.

Priming of interior gypsum based plaster and timber substrates
– Use Nicobond Universal Bonding Agent and Sealer.

Primers should be used in accordance with the manufacturer's instructions
– refer to Nicobond Primer data sheet.

Surface Preparation

Surfaces to be tiled should be rigid, dimensionally stable, sound, clean and free from laitance, paints, salts, grease, dust and any contamination which may prevent adhesion. It is recommended that any residual quantities of old adhesive be removed to expose approximately 80% of the original substrate, any remaining residues must have a cohesive strength to support the application of any Nicobond product.

Application

Wall Tiling - Thin Bed Method

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

Wall Tiling - Thick Bed Method

Working up to the maximum bed thickness specified for the product spread the prepared adhesive with the straight edge of the Nicobond Notched Trowel. Reverse the Trowel and lightly comb the surface of the adhesive with the notched edge ensuring that continuous, horizontal ribs of adhesive are formed.

In areas of high moisture, or for exterior work, the solid bed fixing method must be used, i.e. no voids behind the tiles.

Floor Tiling Thick Bed Method

The mixed adhesive should be applied with the straight edge of the Nicobond Notched Trowel up to the maximum depth specified for the product. Lightly comb over the surface of the adhesive using the notched edge of the Trowel. Where tiles have deep keys or studs, spread adhesive onto the back of the tile to fill the keys or spaces between studs.

Bonding of the Tiles

Fix dry tiles immediately by pressing them firmly into position with a slight sliding or twisting action. Where appropriate, the adhesive can be spread both onto the surface as described above, and buttered on the backs of the tiles.

Whichever method is used, the tiles should be firmly tamped or pressed home to ensure solid bedding without voids, particularly on flooring installations. Floors should not be opened to traffic until the adhesive has hardened.

From time to time remove a tile to check that full contact has been made with the adhesive bed. Exterior installations must be protected from rain and frost until the adhesive has fully set. Where fixing is carried out in hot conditions, the finished tiling should be protected from direct sunlight to avoid premature drying.

Tile Fixing

Tile fixing should be carried out in accordance with BS 5385 and BS 8000 Codes of Practice for the installation of wall and floor tiles. Movement joints should be inserted in internal corners, at floor perimeters and other locations as recommended in relevant British codes of practice.

For advice on tiling to different substrates refer to the Nicobond How to Tile Guide.

Shelf Life

12 months in unopened bags from the date of packing.

Storage

This product must be clear of the ground stored under dry conditions. Protect from frost.

Cleaning

During application, any residual adhesive must be washed from the face of tiles before it sets.
Wash tools in water immediately after use.

Health & Safety Advice

Nicobond Xtra Tile & Stone is classified under the Chemicals (Hazard Information and Packaging for Supply) Regulations. Nicobond Xtra Tile & Stone contains cement, (contains Chromium VI), may cause an allergic reaction. Contact with water causes an alkaline reaction which may cause skin irritation and/or caustic burns to mucous membranes. Wear suitable protective clothing, gloves and eye/face protection. Keep away from children.

The relevant Material Safety Data Sheet can be obtained from www.ncnicobond.com or directly from N & C Building Products Ltd at the address below.

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