

Product Data Sheet

Tilers Grout

Description

Nicobond Tilers Grout – A brilliant white, water resistant, ultra fine grade, unsanded grouting compound for filling narrow joints in wall and floor tiling. Suitable for use with ceramics, porcelain, mosaics and natural stone.

The powder is mixed with water to produce a highly compressible mortar with excellent handling characteristics. Nicobond Tilers Grout produces a joint which is well compacted, smooth, weather resistant and has excellent bonding capabilities to the glazed or porous edges of tiles or mosaics, Once hardened is unaffected by water and can be used for internal and external tiling in dry and wet conditions, including swimming pools with non-aggressive water conditions. Nicobond Tilers Grout can be mixed with Nicobond Enhancer 2002 mortar admix to produce tile joints with improved adhesion, flexibility, elasticity and water repellence.

Features

- Ultra Fine
- Brilliant White colour
- Perfect for narrow joints
- Non cracking
- Easy to apply and clean off.
- For use on walls and floors
- Excellent adhesion to the porous or glazed edges of tiles
- For internal and external applications
- Suitable for swimming pools.

Application Data	
Mixing Ratio:	Approx 2.75 volumes of powder into 1 volume clean water . Approx 2.5kg to 875ml water.
Mixing Ratio with Nicobond Enhancer 2002:	For every 2.5kg of powder mix approx. 175ml Enhancer 2002 with 675ml of water and use as the gauging liquid.
Colour:	Brilliant White.
size:	20kg,10kg,5kg,2.5kg.
Packaging:	Multi wall paper sack and Polythene formed and sealed bags
Consistency of mix:	Smooth paste
Pot Life:	60 minutes dependent on temperature.
Surface drying Time:	10 - 20 minutes dependent on temperature.
Set Time:	18 – 24 hours dependent on temperature.
Joint Width:	Up to 4mm.
Grout MF Factor:	2.0
Installation Temperature	Minimum 5°C - +30°C
Service Temperature	-20°C - +100°C



The Grout shall be Nicobond Tilers Grout as manufactured by N&C Building Products Limited, 41-51 Freshwater Road, Chadwell Heath, Romford, Essex, RM8 1SP, England. Tel: 020 8586 4600 and shall be applied strictly in accordance with the Manufacturer's current data sheets and instructions.



Products for the Professional

Nicobond Tilers Grout

September 2020

Preparation

Ensure tiles are firmly fixed and joints are clean, free of dust, excess adhesive and bedding mortar and any other contaminants that will hinder the adhesion of the Tilers grout.

Joint Design as detailed in BS5385 – 1 Internal Walls

Minimum grout widths vary by tile facial area as shown in the following examples.

- 1) For tiles with a facial area <0.1 m² with no side over 600 mm long, joints should be not less than 2 mm wide;
- 2) Tiles with a facial area 0.1 m² to 1 m² with no side over 1 200 mm long, joints should be not less than 3 mm wide; and
- 3) Joints between ceramic panels should be increased pro-rata to panel size (e.g. the recommended minimum joint width between 3 m panels is 5 mm – in these situations we recommend the use of Nicobond Grout Pro Flexible).

Joint Design as detailed in BS5385 – 3 Floors

Minimum joint width 3mm wide and wherever practicable, the depth of the joints should be at least 6 mm.

Mixing

Pour in to a clean mixing container the required amount of clean cold water or gauging liquid and slowly add the powder whilst stirring thoroughly until a creamy, easily worked mortar is obtained. For large quantities use a Nicobond whisk in a slow speed electric drill and mix to a smooth consistency.

Grout Application

Using a rubber squeegee, work the mixed grout mortar thoroughly into the clean joints ensuring they are completely filled. Excess grout should be removed as work proceeds, any residues left on the tile face can be removed by wiping off with a damp sponge between 20 minutes and 2 hours after application, care should be taken to not excavate the fully filled grout joint. Any dry film remaining on the tile surface can easily be removed by polishing off with a dry cloth when the grout has sufficiently hardened in the joints.

Coverage

Calculations will change when using different tile/joint dimensions and are set as a guide only:-

$$\frac{(\text{tile length} + \text{tile width}) \times \text{tile thickness} \times \text{joint width}}{\text{Tile length} \times \text{tile width}} \times \text{MF FACTOR (=2)}$$

Wall Tiles	
20 x 20 x 0.5cm, 2mm joint	0.2 kg/m ²
10 x 10 x 0.5cm, 2mm joint	0.4 kg/m ²
20 x 10 x 0.5cm, 2mm joint	0.3 kg/m ²
20 x 20 x 0.5cm, Mosaic Scored Tile, 2mm joint	0.52 kg/m ²
30 x 30 x 0.5cm, Mosaic Sheet, 2mm joint	0.84 kg/m ²
60 x 33 x 0.8cm, 3mm joint	0.23 kg/m ²
Floor Tiles	
30 x 30 x 0.8cm, 4mm joint	0.43 kg/m ²
40 x 40 x 0.8cm, 4mm joint	0.32 kg/m ²
60 x 40 x 0.8cm, 4mm joint	0.28 kg/m ²

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.

Note the maximum deviation between tile surfaces either side of a joint up to 6mm wide, including movement joints, should be 1mm.

For advice on tiling to different substrates refer to Nicobond Tiling Products the directory.

For more information on Nicobond Professional Sealers and Cleaners such as Nicobond Grout Protector and Nicobond Grout and Cement Remover visit www.ncnicobond.com

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

Tools should be cleaned frequently in water to avoid the adhesive drying on. Residual adhesive must be washed off the face of the tiles before it dries.

Precautions

Certain types of tile may be prone to surface discolouration or scratching when using this grout, e.g. some natural stone or absorbent, textured or soft glazed ceramic tiles. Consult BS 5385: Part 1: 1995 for further information consult Nicobond Technical department or the tile manufacturer/distributor for advice. If in doubt carry out a trial application.

Health & Safety Advice

Nicobond Tilers Grout is classified under the Chemicals (Hazard Information and Packaging for Supply) Regulations. Nicobond Tilers Grout contains cement and 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.ncnicobnd.com or directly from N & C Building Products Ltd at the address below

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