

Product Data Sheet

Floor Tile Grout

Description

A grey, highly polymer modified, fast setting, abrasion, water and mould resistant floor grout, that is especially formulated for use in commercial as well as domestic environments with ceramics, porcelains, mosaics and natural stone.

Nicobond Floor Tile Grout is efflorescence free and has excellent anti mould properties. The use of Aquablok technology actively repels water and reduces water permeability thereby improving product performance.

The powder is mixed with water only to produce a highly compressible mortar with excellent handling characteristics. Nicobond Floor Tiler Grout produces a joint which is well compacted, excellent abrasion resistance for floor applications and with reduced water absorption. 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.

Features

- CG2WA classification
- Mould resistant
- High resistance to abrasion
- Reduced absorption of water
- Ideal for timber floors
- Use with underfloor/undertile heating
- Excellent for heavy trafficked areas
- Excellent in wet areas
- Suitable for wide joints
- Easy to apply and clean off.
- Suitable for swimming pools.

Application Data

Mixing Ratio:	Approx 3 volumes of powder into 1 volume clean water . Approx 20kg to 5 litres of water.
Colour:	Mid Grey
size:	20kg, 10kg.
Packaging:	Multi wall paper sack and Polythene formed and sealed bags
Consistency of mix:	Smooth paste
Pot Life:	60 minutes dependent on temperature.
Initial Set:	Approx 4 hours at 20°C.
Final Set:	Approx 6 hours at 20°C
Joint Width:	3 – 15mm
Grout MF Factor:	2.0
Installation Temperature	Minimum 5°C - +30°C
Service Temperature	-20°C - +100°C



The Grout shall be Floor Tile 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 Floor Tile 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 Floor Tile grout.

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 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:-

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

Floor Tiles	
33 x 33 x 0.8cms, 3mm joint	0.22kg/m ²
45 x 45 x 0.9cms, 3mm joint	0.29kg/m ²
15 x 90 x 0.9cms, 3mm joint	0.42kg/m ²
60 x 60 x 0.10cms, 3mm joint	0.2kg/m ²
90 x 90 x 0.10cms, 4mm joint	0.18kg/m ²
60 x 40 x 0.8cm, 4mm joint	0.28 kg/m ²
60 x 120 x 0.10cms, 5mm joint	0.25kg/m ²

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

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.
- joints 6 mm or more wide, 2 mm.

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

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 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 Floor Tile Grout is classified under the Chemicals (Hazard Information and Packaging for Supply) Regulations. Nicobond Floor Tile 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

N & C Building Products Limited
 41-51 Freshwater Road
 Chadwell Heath
 Romford
 Essex RM8 1SP
 Tel: 020 8586 4600
 Fax: 020 8586 4646
 Email: technical@nichollsandclarke.com
 Web: www.ncnicobond.com