



PC-Tilefix® Grout

Polymer Modified Cementitious Colored joint fillers

PC-Tilefix® Grout is a finely powdered material that, when combined with water, forms a smooth paste ideal for grouting ceramic tiles and related uses. This product comprises specific hydraulic binders, organic binders, waterproofing components, and inert hard aggregates. It is available in powder form in six standard colors.

FEATURES

- PC-Tilefix® Grout is the recommended choice for tile joints ranging from 1-6mm in width.
- Allow a 24-hour interval for grouting after the tiles have been fixed.
- Maintain the grouted area free of dust particles for at least 24 hours.
- Optimal results are achieved by employing spacers and maintaining a minimum 2mm joint between tiles.
- In the case of highly porous tiles, conducting a sample test to detect potential staining is advisable. To prevent this issue, mask the tiles before grouting.

CONSUMPTION

The quantity of material consumed is contingent upon the dimensions of the tile and the width of the joint. For instance, in the case of a 20 cm x 20 cm tile with a 2 mm joint width, the estimated coverage would be approximately 0.2 kg/m².

PRODUCTS PROPERTIES

Physical Properties	Typical Value
Bulk Density	10 -1.20 gm/cc
Pot Life	Upto 1 Hour
Time to walk on grouted floor	24 hours after grouting
Recommended tile joint width	1 to 6mm
Site temperautre at the time of application	Between + 5° Celsius and 35° Celsius
Setting Time a) Initial b) Final	60-120 minutes 160-220 minutes
Compressive Strength @ 28 days	>16Mpa

SHELF LIFE

Minimum shelf life of 12 months.

SURFACE PREPARATION

- Ensure thorough cleaning to eliminate loose particles.
- Verify that the tile joints are both clean and adequately saturated, removing any excess water from the joints prior to grouting.

APPLICATION

- Gradually combine approximately 2.5 parts of powder with 1 part of clean water (measured by volume) until a smooth, firm paste is achieved.
- Avoid prolonging the pot life by adding extra water to the mixture.
- Utilize a slow-speed mixer during the mixing process.
- Thoroughly fill the tile joints with weber.color fine in a diagonal pattern across the tile surfaces, employing a rubber grouting trowel or suitable tool.
- Allow PC-Tilefix® Grout dewdrop to begin setting (within 30 to 45 minutes).
- Remove excess grout using a sponge after 45 to 60 minutes.
- Following approximately 3 hours of drying time, clean the tiles with a dry cloth.

PACKING

1/2 kg, 1 kg, 20 kg

COLOUR

Please refer to the shade card.

PLEASE REFER TO THE TABLE BELOW

Tile size in mm	200X300	300X300	450X450	600X600
Tile size in inches	8X12	12X12	18X18	24X24
Thickness in mm	6	7	8	9
2 mm	0.15	0.1	0.08	0.069
3 mm	0.17	0.16	0.123	0.104
5 mm	0.28	0.26	0.204	0.173

HEALTH & SAFETY

PC-Tilefix® Grout is non-toxic are non-flammable. Wear gloves and goggles when handling, rinse with water if in contact with skin or eyes, and seek medical help if irritation persists.



TECHNICAL DATA SHEET UPDATED IN
SEPTEMBER 2020
TDS/PC-TILEFIX® GROUT/20

All technical data in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

The information, particularly the recommendations relating to the application and end-use of PC-WC products, are given in good faith based on PC-WC's current knowledge and experience of the products when properly stored, handled and applied under normal conditions by PC-WC recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or any other advice offered. The user must test the product's suitability for the intended application and purpose. PC-WC Global FZ-LLC reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Our technical assistance is at the disposal of the users. Consult the latest update of the technical data sheet on our website www.pc-wc.com



PC-WC GLOBAL FZ-LLC

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