



WIDE JOINT FLOOR TILE GROUT



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FOR INTERNAL AND EXTERNAL APPLICATION

SUITABLE FOR JOINTS UP TO 20MM WIDE

CONFORMS TO BE EN 13888 CG1

Description:

WIDE JOINT FLOOR TILE GROUT is a GREY cement-based, polymer modified joint filling compound for tile joints from 3mm up to 20mm wide around all types of ceramic floor and wall tiles. WIDE JOINT FLOOR TILE GROUT mixes easily to a flowable, readily compactable grouting slurry, which can be easily applied across all types of ceramic tiled surfaces using a sponge or rubber squeegee. WIDE JOINT FLOOR TILE GROUT will dry to a hard, durable and water-resistant finish, suitable for internal and external locations. In fully immersed locations such as swimming pools, the inclusion of PALAFLEX in the grout mix can enhance flexural strength and water repellent properties.

Surface Preparation:

Check that all tiles are securely fixed and that the adhesive has thoroughly dried before applying any load or pressure to the tiled surface. Ensure all joints are raked clear of any excess adhesive residues to allow an even and consistent depth of grout to be applied in all areas. Tiling applied to wood based surfaces, where slight movement is likely should be grouted with WIDE JOINT FLOOR TILE GROUT mixed with PALAFLEX diluted 1 : 1 with water to improve flexural adhesion strength. Note: Certain types of tile may be porous and hence prone to surface discolouration, especially when applying coloured grouts. Natural stone and porous, un-glazed tiles are particularly at risk from permanent discolouration. Apply mixed grout to a spare tile to determine whether staining is likely and consult the tile manufacturer prior as to whether they recommend a suitable sealing compound to protect the surface. Also glazed tiles may be sensitive to the mildly abrasive consistency of this product – Check first to ensure the tiles will not be damaged during grouting and finishing.

Mix Preparation:

WIDE JOINT FLOOR TILE GROUT should be added to water in a clean container whilst mechanically stirring and mixing thoroughly to give a smooth, consistent and easily worked mortar. The recommended mixing proportions by volume are approximately 1 part water to 4 parts powder (2 litres per 10kg of powder). Do not add more water than is necessary as this may prolong drying, affect colour consistency and significantly reduce the compressive strength of the cured grout. Part-used grout should never be “freshened up” with later water additions, but should always be discarded once it appears to lose workability. In ideal conditions (20°C), WIDE JOINT FLOOR TILE GROUT will remain workable for 2 to 3 hours and then reach final set after about 12 hours. When grouting over a large area using several bags of grout, ensure all mixes are from the same batch and that a consistent and identical water addition is used for each mix.

Application Method:

Use a rubber squeegee to work the grout thoroughly and consistently into the tile joints, removing the excess as work proceeds across the tiled area. Do not use excessive water to wipe clean the tiled surface as fine grout residues can be washed off the tile face by wiping the surface with only a lightly damp cloth or sponge up to 2 hours after application, then a final clean & consistent finish can be achieved by using a dry cloth to evenly dry and polish the entire grouted area when the joints have begun to harden up. WIDE JOINT FLOOR TILE GROUT mixed with PALAFLEX diluted as 1 to 1 with water will be more difficult to remove from tiled surfaces when dry therefore extra care is necessary to ensure residues are completely removed as the application proceeds.

Coverage:

This will depend on the tile size, joint width and depth and the Grout Coverage Factor, which for WIDE JOINT FLOOR TILE GROUT is 1.8. The approximate grout requirements for square or rectangular tiles can be estimated as follows:

$$\frac{(\text{Tile length} + \text{Tile width}) \times \text{Joint width} \times \text{Joint depth} \times 1.8}{(\text{Tile length} \times \text{Tile width})}$$

Joint Width	Tile Size (mm)	Floor grout (kg)	Joint Width	Tile Size (mm)	Floor grout (kg)
8mm	300 x 300 x 10	1.0kg/m ²	5mm	150 x 150 x 5	0.60kg/m ²
10mm	200 x 100 x 8	2.0kg/m ²	6mm	108 x 108 x 4	0.75kg/m ²
5mm	200 x 200 x 6	0.5kg/m ²	6mm	250 x 250 x 6	0.50kg/m ²

Technical Summary:

Mix ratio:	Pot life:	Initial Set:	Final Set:	Wet Bulk Density:
5 powder to 1 water (wt:vtw)	2 – 3 hours	4 - 6 hours	10 - 12 hours	2.15 kg / litre

Storage & Packaging:

WIDE JOINT FLOOR TILE GROUT is supplied in 5kg; 10kg and 20kg multi-ply, moisture resistant paper sacks and has a storage life of not less than 12 months if stored in dry, un-opened conditions. WIDE JOINT FLOOR TILE GROUT contains Portland cement and is therefore classified as irritating to eyes and skin. Consult the FLOOR TILE GROUT safety data sheet for advice on handling and safety procedures.

The information provided by this Technical data sheet is given in good faith and is to the best of our current knowledge true and accurate. However it is given without guarantee, as conditions of use and workmanship involved are both beyond our control. All information supplied is subject to the company's terms and conditions of sale, copies of which are available on request.



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