

Ver 03 - PALWJG 02.09.21

WIDE JOINT GROUT

ONE PART FLOOR GROUT FOR CERAMIC TILED SURFACES

- SUITABLE FOR JOINTS UP TO 20MM WIDE
- FOR INTERNAL & EXTERNAL APPLICATION CAN ALSO BE USED ON TIMBER
- COMPATIBLE WITH A WIDE RANGE OF CERAMIC TILED SURFACES
- CAN BE USED IN FULLY IMMERSED LOCATIONS INCLUDING SWIMMING POOLS
- FOR HEATED SUB-FLOORS

TECHNICAL SUMMARY

UNIT SIZES	10kg & 20kg
MIX RATIO	5 part powder 1 part water
POT LIFE	2 - 3 hours
INITIAL SET	4 - 6 hours
FINAL SET	10 - 12 hours
WET BULK DENSITY	2.15kg / litre



PALACE WIDE JOINT 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. Mixes easily to a flowable, readily compactable grouting slurry, which can be easily applied across all types of ceramic tiled surfaces.

JOINTS UP TO
20MM

CAN BE USED IN BOTH INTERNAL &
EXTERNAL LOCATIONS

WIDE JOINT GROUT

One Part Floor Grout for Ceramic Tiled Surfaces



DESCRIPTION

PALACE WIDE JOINT 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. **PALACE WIDE JOINT 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. **PALACE WIDE JOINT 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 **PALACE WIDE JOINT 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

PALACE WIDE JOINT 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), **PALACE WIDE JOINT 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. **PALACE WIDE JOINT 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 **PALACE WIDE JOINT GROUT** is 1.8. The approximate grout requirements for square or rectangular tiles can be estimated as follows:
(Tile length + Tile width) X Joint width X Joint depth X 1.8 (Tile length X Tile width)

JOINT WIDTH	TILE SIZE (mm)	COVERAGE (KG)
5MM	150 X 150 X 5	0.60 KG/M ²
5MM	200 X 200 X 6	0.50 KG/M ²
6MM	108 X 108 X 4	0.75 KG/M ²
6MM	250 X 250 X 6	0.50 KG/M ²
8MM	300 X 300 X 10	1.00 KG/M ²
10MM	200 X 100 X 8	2.00 KG/M ²

STORAGE AND PACKAGING

PALACE WIDE JOINT GROUT is supplied in 10kg and 20kg multi-ply, moisture resistant paper sacks and has a storage life of not less than 12 months if stored in dry, unopened conditions.

HEALTH AND SAFETY

PALACE WIDE JOINT GROUT contains Portland cement and is therefore classified as irritating to eyes and skin. A complete PALACE material safety data sheet is available on request or online at www.palacechemicals.co.uk



EN ISO 14001



EMS 85788

EN ISO 9001



FM 01010

EN ISO 18001



OHS 596309

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QUALITY AND ENVIRONMENT

All Palace Chemicals products are manufactured under a BSI accredited ISO 9001:2015 Quality Management System, along with an ISO 14001 Environmental Management system continually working to reduce our carbon footprint.

TECHNICAL ADVISORY SERVICE

Should more specific technical information be required, contact the Palace Technical helpline on: **0151 486 6101**.

For a Technical Specification and quantity requirements, visit our 'TilingSpecifier' on the Palace website at: <http://www.palacechemicals.co.uk>

DISCLAIMER

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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