

PERMAFIX® GROUT PLUS

Product

High resistance grout mortar with water-repellent properties. Special for grouting swimming pools with high resistance to abrasion.

Composition

Mortar made up of a blend of special hydraulic binders, graded aggregates, special polymers, water repellent admixtures, organic molecules and pigments.

Features and applications

Water-repellent with droplet-effect. High hardness and high resistance to abrasion. Easy to clean, fine texture. Crack-resistant. Can be applied indoors and outdoors. Also Suitable for external facades with ceramic, porcelain or granite tiles.

Substrates

Empty joints must be dry and clean in all their length and depth. Grouting must be carried out at least 24 hours after tile setting on walls or 48 hours after tile setting on floors.

Instructions for use

- Add water and mix by hand or mechanically until you have a consistent paste (non-liquid).
- Let the mixture stand for 5 minutes and remix then apply.
- When working in small areas, grout the joints with a rubber trowel or rechargeable grouting gun, flattening the material firmly.
- The mixture must be applied diagonally to the joints pressing the mixture onto the joints and removing the excess.
- Let the material dry slightly for 20-30 minutes. When the mixture becomes dull, you clean the surface with a hard, slightly wet sponge.
- Polish the surface by using a clean dry cloth to remove dust only when the product has hardened in the joint.
- Let dry for at least 24 hours before normal traffic.
- Use PERMACLEAN to clean up stained tiles. Make sure the product does not damage the tile. Do not use PERMACLEAN on grouted joints.

Technical data

Statistical data obtained under standard conditions

Aspect	Range of colours
Apparent density of powder	$1,7 \pm 0,2 \text{ g/cm}^3$
Resistance to flexion after 28 days	$\geq 2,5 \text{ N/mm}^2$ (EN 12808-3)
Resistance to compression after 28 days	$\geq 15 \text{ N/mm}^2$ (EN 12808-3)
Retraction	$\leq 2 \text{ mm/m}$ (EN 12808-3)
Abrasion	$< 1000 \text{ mm}^3$ (EN 12808-2)
Water absorption after 30 min.	$< 2 \text{ g}$ (EN 12808-5)
Water absorption after 240 min.	$< 5 \text{ g}$ (EN 12808-5)
UNE-EN 13888 Classification	CG2
Approximate yield	See chart

Consumption according to dimensions (Kg/m²)

Yield (Kg/m²) Data valid for 6 mm thick tiles

TILE SIZE	SEPARATION BETWEEN TILES (JOINT SIZE)				
	2 mm	5 mm	8 mm	10 mm	15 mm
15 x 15 cm	0,27	0.68	1,09	1,36	2,04
15 x 20 cm	0,24	0.60	0,95	1,19	1,79
20 x 20 cm	0,20	0.51	0,82	1,02	1,63
25 x 33 cm	0,14	0.36	0,57	0,72	1,08
30 x 40 cm	0,12	0.30	0,48	0,60	0,89
40 x 60 cm	0,09	0.21	0,34	0,43	0,64
45 x 80 cm	0,07	0.18	0,28	0,35	0,53

Packaging

3 Kg polyethylene bags.

Shelf life: 1 years In sealed original packaging, sheltered from weather conditions and humidity.

Cautions and recommendations

- Do not apply below 5°C nor above 30°C.
- Do not apply when there is a risk of rain, strong wind or direct sunlight.
- Grouting must be carried out at least 24 hours after tile setting on walls or 48 hours after tile setting on floors.
- Do not use in expansion joints or joints subject to structural movements.
- Grout the joints once the floor or cladding is completely dry.
- Do not clean with acids as it may affect application.

Note

Instructions of use are given based on our testing and knowledge and do not imply any commitment. Said instructions do not free the user from examining and verifying the product for its correct use. The manufacturer's liability is limited to the value of the used goods