

PermaBASE

JOINT FILLER



Filler for joints and for skim coating
fibre-reinforced lightened cement slabs

SPECIFICATIONS

Specific weight determined by free fall:	1,650 kg/cu.m +5%
Specific weight of the hardened mix:	1.9 kg/l +5%
Theoretical coverage:	approx. 1.65 kg/sq.m for 1 mm of thickness
Coverage for jointing:	approx. 0.5-0.8 kg/sq.m
Coverage for skim coating slabs:	approx. 1.65 kg/sq.m for 1 mm of thickness. Recommended application 3-4 mm thickness
Flexural strength:	1 day > 2.0 Mpa / 7 days > 130 Mpa
Compressive strength:	1 day > 4.5 Mpa / 7 days > 4.0 Mpa
Adhesion to concrete (tensile pull test):	> 2.2 Mpa
Secant compressive modulus of elasticity:	8,000 Pma
Mixing water:	20%-22%

METHODS OF USAGE

Preliminary operations

Check that the surfaces to be treated are clean and free of foreign matter that could prevent adhesion of the compounds.

Preparation

The filler powder comes in 5 kg packs. This quantity must be mixed with approx.1 litre of water using a drill whisk attachment to obtain a plastic, uniform, lump-free mix.

Application - Jointing between the slabs

Spread the filler, mixed as above, using a metal knife or trowel so that the gap of the tapering joints between the slabs is completely filled. Ensure that sufficient force is exerted to fill the gaps completely. The same applies for the corners, expansion joints, finishes or other accessories. On non-tapered joints (as in the case of butt joints), a layer at least 15 cm wide and approx. 1.5 mm thick must be spread over the entire joint. Apply the **PermaBase® Joint Filler** mix on all fixings (must be stainless steel **PermaBase® Screws**) in order to fully cover them. Bury the **PermaBase® Tape** alkali resistant fibreglass reinforced exterior joint tape in the joint filling mix that has just been applied; make sure that the tape is well centered over the joint. Skim with a float to remove all excess material and leave to harden for at least 24 hours.



Application – Skim coating the surface of fibre-reinforced lightened cement slabs

After the first PermaBase® Joint Filler coat has hardened, using a metal knife or trowel, apply a second coat of the mix (with a thickness between 1.0 and 2.0 mm inclusive) over the whole surface of the slabs. Bury the PermaBase® Tape fibreglass reinforcement mesh in the freshly applied mix, making sure that there is at least 50 mm overlap. Skim coat with a float to remove all excess material and leave to harden for 24 hours. Repeat the application wherever necessary to obtain a perfectly level surface. Since the type of filler coating that has been used is a quick-setting type, all the float signs should be eliminated before the mix hardens. A rough-textured

surface may be obtained as when working with fine mortar. The finished thickness of the skim coat should not be less than 3mm.

Drying time varies according to the climatic and meteorological conditions. Ensure PermaBase® Joint Filler is dry before applying any finishing material. If facings such as bricks, marble, etc. are to be applied, just fill the joints.

Warnings

Do not apply with temperatures below +5°C and above +35°C. Only add clean water to the mix. Net weight 5 kg.



PermaBase® SYSTEM WARRANTY
LIFETIME on INTERIOR Applications
15-YEAR on EXTERIOR Applications



Benefit from the PermaBase® System Warranty

PermaBase® Tape is an alkali resistant fibreglass tape. The tape is especially designed to reinforce PermaBase® Cement Board joints and corners.

PermaBase® Screws are corrosion resistant screws specifically designed to be used with PermaBase® Cement Boards.

PermaBase® Joint Filler is suitable for the joint treatment and skim coating of lightweight fibre-reinforced cement Boards in particular the PermaBase Cement Board®.

