



P.T.B.-JOINT HY

Water-repellent jointing mortar for wall and floor tiles



Qualities

P.T.B.-JOINT HY is a dry composition that by simple addition of water can be turned into a ready-for-use jointing mortar or grout.

P.T.B.-JOINT HY has exceptional processing characteristics and results in joints with a high strength and a closed surface. With P.T.B.-JOINT HY, the joints both indoor and outdoor can be made with the following materials: faience, ceramics, mosaics, etc.

P.T.B.-JOINT HY is suitable for stopping joints of walls and floors with a width of joint up to 5 mm.

P.T.B.-JOINT HY has a strongly increased impermeability to water resulting in the joint becoming less rapidly dirty and is among others appropriate for bathrooms, shower cabins and other damp rooms.

P.T.B.-JOINT HY is suitable for jointing floors with floor heating, in compliance with the conventional dilatation joints.

For jointing of natural stones the porosity of the natural stones should be taken in consideration.

P.T.B.-JOINT HY is classified as cementitious grout for tiles with high abrasion resistance and reduced water absorption: CG2 WA.

TECHNICAL CHARACTERISTICS	Corresponds to the requirements according NBN EN 13888
High abrasion resistance (A)	≤ 1.000 mm ³
Flexural strength after dry storage	≥ 2,5
Flexural strength after freeze-thaw cycles	≥ 2,5
Compressive strength after dry storage	≥ 15
Compressive strength after freeze-thaw cycles	≥ 15
Shrinkage	≤ 3 mm/m
Reduced water absorption after 30 min. (W)	≤ 2 g
Reduced water absorption after 240 min. (W)	≤ 5 g

Mixing ratio	Consumption	Packaging
± 5,6 L à 6 L water per bag of 20 kg (± 28 to 30%)	50-500 g/m ² , depending on the depth of the joint, width of the joint and tile size	5 & 20 kg
Colours	Processing time	Application temperature
White, jasmine, bahama, silvergry, manhattan, cementgrey, charcoal, black	± 30 min.	+ 10°C till + 30°C

Directions for use

The joints of tiles placed with P.T.B.-KLEEFCEMENT PLUS, P.T.B.-DIKBED-FLEX, FLEXcement®, FLEXcement® PLUS, P.T.B.-PASTAFIX or with ordinary mortar will be stopped not earlier than 24 hours after installation.

P.T.B.-JOINT HY is prepared with approx. 28% to 30% water, this is approx. 5,6 L to 6 L water per bag of 20 kg product. After careful mixing, one leaves the mortar obtained settle for approx. 5 minutes.

Next, P.T.B.-JOINT HY is mixed vigorously once more.

P.T.B.-JOINT HY applied like conventional jointing mortar that is rubbing in with a sponge, a glove or plastic scoop, etc. One takes care that the joint is completely filled with P.T.B.-JOINT HY.

The surplus quantity of jointing mortar is removed by rubbing in diagonal direction by use of a dry and hard sponge.

After 20 to 30 minutes the last remnants are removed with a soft and humid sponge by rubbing in diagonal direction relative to the joints. 24 hours (at +20°C) after stopping the joints is P.T.B.-JOINT-HY sufficient hardened to enter the floor.

Damping the joints is recommended in case of strong absorbing tiles, high temperatures or a lot of wind or draught.

Remarks

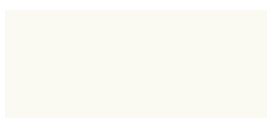
- Independent of our will, prepared cement mortars can present minor differences in colour caused by colour differences which occur in the cement and in the used aggregates. We cannot be held liable for that. We recommend you to purchase the total required quantity of products in one lot for one and the same job.

Packaging

P.T.B.-JOINT HY is available in bags of 5 kg and 20 kg, in white, jasmine, bahama, silvergrey, manhattan, cementgrey, charcoal and black. Every bag of 20 kg contains a polyethylene inner bag. Expiration date: dry storage in the original, closed packaging: 12 months.

Available colours

The different available colours of P.T.B.-JOINT HY are in correlation with the colours of P.T.B.-SILICONE SN so that the use of both products in one room can guarantee a visual, harmonious result. *(the colours are reproduced approximately)*



white



jasmine



bahama



silvergrey



manhattan



cementgrey



charcoal



black

