

Improved cement mortar
for grouting joints
from 4-20 mm, with reduced
water absorption and high
abrasion resistance



konstruktive · **leidenschaft**



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PRODUCT DESCRIPTION

JOINTFIX FL is an improved professional cement-based coloured or white grout powder, with reduced water absorption and high abrasion resistance, for the filling and sealing of joints from 4.0 to 20.0 mm. The cement mortar is suitable for internal and external grouting of walls and floors with ceramic tiles, vitrified porcelain, porcelain, cotto, clinker and vitreous mosaic and natural stone materials.

COMPOSITION

JOINTFIX FL is a formula consisting of special hydraulic binders, synthetic resins, aggregates selected and gauged according to specific grading curve, organic pigments and specific additives that improve the product in terms of workability, adhesion, water absorption and resistance.

MIXING AND APPLICATION

Before applying JOINTFIX FL ensure that the joints to seal are clean and dry and dust free and that the adhesive has correctly hardened. For particularly absorbent surfaces, or when applying in high temperatures, it is advisable to wet the joints previously with clean water. Add a 5 kg small bag of JOINTFIX FL to approx. 0.8-1.0 litres of clean water and mix with an electric mixer at low speed until smooth and lump free. Adjust the amount of water for a more or less fluid mixture, depending on the type of application. Let the mixture rest for about 2'-3' minutes and remix briefly before use. The mixed product is usable for about 90' minutes. Do not add water or mix to reuse beyond this period.

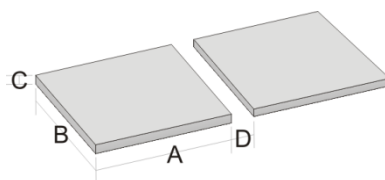
Fill the joints with grouting using a suitable rubber trowel in a diagonal direction compared to the joints. Remove the excess grouting from surface while still fresh.

In the moment the grout JOINTFIX FS hardens in the joints, it is possible to clean and refine the surfaces. Remove any residue of grout from the surface using a clean damp sponge, in a circular motion on the newly sealed joints and finish with diagonal strokes in respect to the joints. During cleaning, rinse the sponge frequently with clean water. To avoid colour variations, always use the same amount of clean water evenly over the entire surface.

Newly sealed floors can be walked on after 12-24 hours, depending on environmental conditions.

INDICATIVE AMOUNTS REQUIRED

To calculate the approximate consumption, use the following formula (dimensions are in mm):



$$\frac{A \text{ mm} + B \text{ mm}}{A \text{ mm} \times B \text{ mm}} \times C \text{ mm} \times D \text{ mm} \times 2,0 = \text{kg/m}^2$$

COLOUR

- White.
- Grey.
- Coloured.

PACKAGING

5 kg small bags (4 small bags x box of 20 kg).





STORAGE

12 months in original intact packaging and stored in a dry place.

RECOMMENDATIONS

Avoid applying in temperatures below + 5°C or above + 35°C. Avoid applying to surfaces that are dusty or unstable. Do not apply to surfaces that are frozen, thawing or if freezing temperatures are expected within 24 hours. Use mixing ratios indicated. Too much water or applying in temperatures below + 8°C with a high percentage of humidity can cause carbonation. When preparing product always use the same amount of water in order to avoid possible colour variations. Do not use the cement mortar for sealing existing expansion joints. Use suitable elastic sealants.

PRODUCT DATA

Appearance	powder
Colour	white or coloured
Dry bulk density	~ 1350 kg/m ³
Maximum aggregate size	≤ 0.4 mm

APPLICATION DATA

Water content of mixture	16-20%
Mixing ratio	1 small bag + 0.8-1.0 l of water
Minimum application temperature	+ 5°C
Maximum application temperature	+ 35°C
Joint length	4.0-20.0 mm
Pot life	≥ 90' minutes
Waiting time for finishing	10'-20' minutes
Ready to walk on	12-24 hours
Ready for floor installation	≥ 5 days

PERFORMANCE DATA

Flexion resistance	≥ 3.5 N/mm ²	EN 12808-3
Flexion resistance after freezing and thawing cycles	≥ 3.5 N/mm ²	EN 12808-3
Compression resistance	≥ 15.0 N/mm ²	EN 12808-3
Compression resistance after freezing and thawing cycles	≥ 15.0 N/mm ²	EN 12808-3
Abrasion resistance	≤ 1000 mm ³	EN 12808-2
Shrinkage	≤ 3.0 mm/m	EN 12808-4
Water absorption after 30' minutes	≤ 2.0 g	EN 12808-5
Water absorption after 240' minutes	≤ 5.0 g	EN 12808-5

ACCORDING TO

EN 13888
Cementitious grout with improved characteristics: high abrasion resistance and reduced water absorption CG2WA

REMARKS

Product for professional use. The data and instructions in this data sheet are based on our best practical and laboratory experience. They refer to laboratory tests and should be considered indicative. In view of the different conditions of use and application, which depend on factors over which Vimark has no control (type of surface, environmental conditions, technical indications for fixing, etc.), those who use the product are responsible for ascertaining whether or not it is suitable for the intended purpose. Thus our warranty obligation merely covers the quality and fade-free characteristics of the actual product, and exclusively in relation to the aforementioned data. Vimark reserves the right to make technical modifications without prior notice. This technical data sheet voids and substitutes all previous editions. Updates will be published on the web site www.vimark.com.

