

EPO FUGAFLEX

Cementitious Polymer Modified Tile and Ceramic Joint Filler



DESCRIPTION

EPO FUGAFLEX is a blend of specially selected cements, fillers and synthetic organic polymers. When added to water it readily blends to produce a smooth creamy paste which when set is water and mould resistant. **EPO FUGAFLEX** is used in conjunction with **EPO FIX** tile mortar.

TYPICAL APPLICATIONS

EPO FUGAFLEX is used as a grout for dry tile joints in:

- Kitchens
- Hospitals
- Bathrooms
- Shower stalls
- Swimming pools

ADVANTAGES

- Available in a range of attractive colours
- Easy to apply - just add water for a thixotropic, non-slump grout
- Suitable for vertical and horizontal applications.
- For interior and exterior applications.
- Low cost service life - mould resistant, tropical grade.
- The complete cured product is resistant to fungal growth.
- Can be used in submerged conditions

STANDARDS

BS EN13888:2009 –CG2

PRODUCT DATA

Form	Powder
Colour	Available in Different Colours
Packing	20 Kg Kraft bag 5 Kg Plastic Bag
Mixing Ratio	7.0 ± 0.25Kg Water for 20 Kg Powder 1.75 ± 0.1 Kg water for 5 Kg Powder
Consumption	Depending on the surface For area of joints with 3 mm width and 8 mm depth if filled by: 0.650 Kg/m ² (for 15x15 cm tiles) 0.350 Kg/m ² (for 30x30cm ceramic)
Shelf life	12 months, indoor storing non-open packaging under controlled condition

TECHNICAL SPECIFICATION

Test Name	Standard	Average Result
Mix Density	-	1.75 ± 0.10 g/cm ³
Compressive Strength	BS EN12808-3:2009-01	≥ 25 N/mm ²
Flexural Strength	BS EN12808-3:2009-01	≥ 6 N/mm ²
Abrasion Resistance	BS EN12808-2:2009-01	≤ 700 N/mm ²
Shrinkage	BS EN12808-4:2009-01	≤ 3 mm/m
Water Absorption 30 minutes 240 minutes	BS EN12808-5:2009-01	< 2g < 4g



APPLICATION PROCEDURE

PREPARATION

All tiles must be securely fixed in place and thoroughly cleaned before **EPO FUGAFLEX** is applied. The gap between tiles should not exceed 4mm. Tile joint filling should only be done 24hours after fixing the tiles.

MIXING

1.75 ± 0.1 Kg of water is required for each 5 Kg bag of **EPO FUGAFLEX**. Add powder to water and mix until a uniform, lump-free, thick creamy paste is produced, allow standing for 5 minutes prior to use.

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APPLICATION

Apply **EPO FUGAFLEX** to the spaces between the tiles using a sponge or a small piece of soft cloth. Work the mixture into the joints and around the edges. Remove surplus material from the face of the tiles with a dry cloth and run the tip of a gloved finger or suitable rounded tool along the grout to level it off and form a profile. When the grout is dry, clean the tiles with a damp sponge to remove any excess material. It is advisable to remove uncured grout from textured tiles prior to setting; failure to do so may result in difficulty in removal.

CLEANING

EPO FUGAFLEX should be removed from tools, equipment and mixers with clean water immediately after use. Cured material can only be removed mechanically.

LIMITATIONS

EPO FUGAFLEX should not be used when the temperature is below 5°C and falling. The product should not be exposed to moving water during application. If any doubts arise concerning temperature or substrate conditions, consult EPO GULF TECHNICAL DEPARTMENT.

STORAGE CONDITIONS

Store in dry conditions in the original, unopened bags or packs. If stored at high temperature and/or high humidity conditions the shelf life may be reduced.

PRECAUTIONS

EPO FUGAFLEX is cement based. Care should be taken to avoid inhalation of dust and contact with eyes. All cement based products, when mixed or damp release alkalis which can be harmful to the skin.

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