

Expanmarble* Grout



CONSTRUCTION CHEMISTRY

Cementitious grout for marble tiles

Uses

As a grout for tile joints in:

- Kitchens
- Bathrooms
- Shower stalls
- Swimming pools

Advantages

- Low cost service life - mould resistant, tropical grade suits Middle East working conditions
- Easy to apply - just add water for a thixotropic, non-slump grout
- Can be used in submerged conditions
- Available in a range of attractive colours, special white colour is also available for white marble with colour stable technology.

Description

Expanmarble* Grout 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. Expanmarble* Grout is used in conjunction with Expanmarble* Adhesives.

Properties

Typical Properties of mixed material.

Working time at 20°C : 90 minutes

Working time at 35°C : 30 minutes

Compressive strength : 38 N/mm² @ 28 days
(ASTM C 109)

Tensile strength : 3 N/mm² @ 28 days
(BS 6319: Pt 7)

Instructions for use

Preparation

All marble must be securely fixed in place and thoroughly cleaned before Expanmarble* Grout is applied. The gap between marble should not exceed 4mm.

Mixing

6.6 liters of water is required for each 20 kg bag of Expanmarble* Grout. A slow speed drill fitted with a suitable mixing paddle is recommended. Add powder to water and mix until a uniform, lump-free, thick creamy paste is produced, allow to stand for ten minutes prior to use.

Application

Apply Expanmarble* Grout to the spaces between the marble 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 marble 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 marble with a damp sponge to remove any excess material. It is advisable to remove uncured grout from white marble prior to setting, failure to do so may result in difficulty in removal.

Cleaning

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

Limitations

Expanmarble* Grout 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 your local Expanchem Fospak office.

Estimating

Supply

Expanmarble* Grout : 1 kg bottle 10& 20 kg bags

Yield

Expanmarble* Grout : 0.73 liters / kg

Shelf life

All products have a shelf life of 12 months if kept in a dry store in the original, unopened bags.

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.



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Precautions

Health and safety

Expanmarble* Grout contains cement powders which, when mixed with water or upon becoming damp, release alkalis which can be harmful to the skin.

During use, avoid inhalation of the dust and contact with the skin or eyes. Wear suitable protective clothing - eye protection, gloves and respiratory equipment (particularly in confined spaces).

The use of barrier creams to provide additional skin protection is also advised. In case of contact with the skin, rinse with plenty of clean water, then cleanse thoroughly with soap and water.

In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice. If swallowed seek medical attention immediately - do not induce vomiting.

Fire

Expanmarble* Grout is non-flammable

* Denotes the trademark registered.

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