

Expanmarble* Adhesive



CONSTRUCTION CHEMISTRY

Polymer modified marble adhesive

Uses

Expanmarble* Adhesive is a high quality adhesive for the permanent fixing of marble, quartz, ceramic and all types of tiles, especially design for white marble.

- Wet areas - kitchens and bathrooms
- Tile claddings

Advantages

- Keep the white marble bright for longer period
- Good open wet time
- Good slip resistance
- High adhesive bond strength
- Water proof
- Good slip resistance
- Can be used in totally submerged conditions

Standards compliance

Expanmarble* Adhesive conforms to BS5980 Class AA Type 1 and suitability for contact with potable water as per BS 6920 Part 1.

Description

Expanmarble* Adhesive cementitious based powder is available in grey or white colour.

Technical support

Expanchem Fospak offers a comprehensive technical support service to specifiers, end users and contractors. It is also able to offer on-site technical assistance, an AutoCAD facility and dedicated specification assistance in locations all over the world.

Instructions for use

Surface preparation

All surfaces must be sound and thoroughly clean before Expanmarble* Adhesive is applied. All traces of grease or oil must be removed with a chemical degreaser. All loose particles of mortar, old wallpaper, paint etc. must be physically removed.

Surface Primer

Prior to the application of Expanmarble* Adhesive apply Expanmarble* Primer on well prepared concrete surface, Expanmarble* Primer seal the surface and stop the penetration of any pigment into the Expanmarble* Adhesive and keep the white marble brighter for longer period of time.

Surfaces

Expanmarble* Adhesive can be applied directly on concrete, cement screeds, and cement or lime mortar. Special attention must be given to new construction prior to commencing tiling. Tiles should not be placed on concrete or block-work until all shrinkage movement has taken place.

To use Expanmarble* Adhesive on gypsum or gypsum board substrates, diluted Expanbond* PVA (1 : 3 with water) should be applied to the surface of the gypsum or gypsum board prior to application of Expanmarble* Adhesive.

Mixing

5 liters of water is required for each 20 kg bag, and 6.25 liters of water is required for each 25 kg bag of Expanmarble* Adhesive. A slow speed drill fitted with a Expanchem Mixing Paddle is recommended. Add powder to water and mix for 3 minutes, until a uniform and lump-free consistency is achieved.

Application

Expanmarble* Adhesive should be spread on the substrate to a uniform thickness of 2-3mm, and then combed horizontally. Place marble firmly into adhesive bed, ensuring good contact with a twisting motion. Only apply to areas which can be tiled in the adhesive's open wet time (up to 1m² at a time).

Joints

It is recommended that when fixing marble, a minimum spacing of 2mm be left around each tile.

Finishing

Remove excess adhesive with a damp cloth before material has set. Joint grouting with Expanmarble* Grout may be commenced 24 hours after marble have been laid.

Cleaning

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



CONSTRUCTION CHEMISTRY

Limitations

Expanmarble* Adhesive 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 doubt arise concerning temperature or substrate conditions, consult your local Expanchem Fospak office.

Estimating

Supply

Expanmarble* Adhesive : 20 kg bags

Yield/Coverage

Expanmarble* Adhesive : Approx. 14.48 liters / 20 kg

Expanmarble* Primer : 4 - 5 sq.mt. / Ltr.

Note : Actual yield will vary according to water addition

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.

Precautions

Health and safety

Expanmarble* Adhesive 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

Fire

Expanmarble* Adhesive is non-flammable

* Denotes the trademark registered.

REGIONAL SALES OFFICES IN PAKISTAN:

Fospak (Pvt) Ltd.

Head Office

702, Business Avenue,
Block-6, PECHS., Shakra-e-Faisal,
Karachi, Pakistan.

Tel # +92-21-34528477, 34529859

Fax # +92-21-34522436

Email : info.khi@fospak.com.pk

Lahore Sales Office

2nd Floor Sarwar Shaheed Plaza,
Cavalry Ground,
Main Boulevard, Lahore Cantt,
Lahore, Pakistan.

Tel # +92-42-36675773

Fax # +92-42-36675838

Email : info.lhr@fospak.com.pk

Rawalpindi Sales Office

1st Floor,
Al-Harmain Plaza,
Main Murree Road,
Rawalpindi, Pakistan.

Tel # +92-51-9290592

Fax # +92-51-9290590

Email : info.isb@fospak.com.pk

Important note

Expanchem Fospak products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Whilst Expanchem Fospak endeavours to ensure that the technical information on this data sheet is correct at the time of printing, it is the customer's responsibility to satisfy himself, by checking with the company that this information is still current at the time of use, that the product is suitable for the intended application, and that the actual conditions of use are in accordance with those recommended. Because Expanchem Fospak has no control over the conditions of use of its products, all recommendations or suggestions regarding the use of these products are made without guarantee.

www.fospak.com