

adhesive for laying stone slabs

Edition:5 August 2010

Technical Department

Description:

ADHPI is a powder adhesive used for laying stone slabs. It has a higher resistance than cement-base adhesives, quick drying, with improved mechanical resistance and waterproofing properties. Its use reduces the risk of damp patches and efflorescence.

Technical Features:

Powder density: 1.200 ± 0.05 g/cc.

Mass of density: 1.750 ± 0.05 g/cc.

Curing density: 1.65 ± 0.05 g/cc.

Adherence: > 1,0 N/mm²

Colour/s: white and grey

Water absorption: 22 to 24% of water in weight

Coverage:

1.5 kg/m² for 1 mm thick layers.

Uses:

Used as adhesive for elements made of marble and granite, used on floor pavements and vertical supports such as: granite attachments, polished marble attachments, baseboards, plinths, door and window frameworks, rise and fall of stairs, etc.

Features & benefits:

HIGH ADHERENCE. THIXOTROPIC. EXCELLENT MECHANICAL RESISTANCE.EASY APPLICATION. WATERPROOFING PROPERTIES.

Surface preparation:

The support of application must be clean, free of dust, loose particles, grease and releasing agents. The surface must also be firm, with good mechanical resistance, by being slightly damp.

Application:

- ADHPI is a powder glue for mixing with water. The proportion of the mix is 5,75 lts³ of water per 25 kg of product. (when mixed with water, it becomes an easy trowelable mortar with good bonding strength, low slump and high initial grab, or vertical application without any sagging or slipping)
- It can be mixed manually or using a low speed electric mixer (400-500 rpm).
- Once mixed, apply with a serrated trowel in 2 to 5 mm thick layer. In case of adhering irregular or bigger slabs, the applied adhesive can even reach 10 mm thick layer.
- The whole surface of the treated piece must adhere strongly to the support within a time interval of 10 minutes(for high temperatures in summer) or 20 minutes (for mild temperatures in winter).

For stone slabs, according to their size and thickness, double adhesive coating may be required by buttering the piece to be glued and applying another layer to the support.

Clean up:

Clean with plenty of water whilst the material is still fresh. Once dry, clean mechanically.

Storage:

It is recommended to store this product for 2 years in tightly closed original packages in a cool dry place protected against bleaching.

Packaging:

Available in packs of:

The information provided on this technical data sheet and particularly the recommendations for the application and use of the product is based on our current knowledge and are provided in good faith, considering that the products are used, handled and stored under normal conditions and within the limits of its useful life. The possible differences between the materials, supports, and real conditions in the application site can be so important that it is not possible to establish a warranty with this document or any other information provided. The user must verify with a suitability test that the product conforms to the required use. Users should refer to the information included in the last technical data sheet edition.



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