

Maintain the beauty of the white stone



ADVABOND STONE FIX PURE WHITE

Product Description

A high polymer modified cementitious adhesive formulated by low alkali white cement with no vertical slip and extended open time for installation of sensitive natural stone such as marble, travertine, slate, etc. Adva-bond/stone fix is an improved (2) slip resistant (T) cementitious adhesive (C) in compliance with the requirement of European standard 12004 (C2TE) & ANSI A118.4 specification. Adva-bond/stone fix complies with LEED requirements for ceramic tile & stone cement-based adhesive.

Features and benefits

- A perfect solution to install the sensitive natural stone.
- Suitable for interior and exterior application.
- Thin and medium thick bed adhesive up to 15 mm on the floor application.
- High tensile adhesion strength at different site conditions.
- Suitable for wall and floor applications
- Low VOC & Pre-blended product ready to use
- Water-resistant after curing, suitable for wet area application.

Product properties

Appearance	Pure White Powder
Water of consistency	22-23 %
Open time	20-30 minutes
Pot life	Approx. 2 hours
Wet Density	1.6 -1.7 g/cm ³
Grouting	After 24 hours/ on floor After 8 hours / on wall
Time to light traffic	After 24 hours

Application Instruction

1. Substrate preparation

Adva-Bond/stone fix can be applied on clean, level, load-bearing, and compacted substrates, free of any substance that reduce adherence such as grease, paint coating, oil, dust, bitumen, and other loose materials.

2. Mixing

Add the Adva-Bond/stone fix powder to water (Approx 4.5 L) in a clean container, whilst stirring and mixing thoroughly to give a slump-free, easily worked mortar.

3. Application

Apply the mixed mortar paste with a suitable notched trowel with 45 degrees by wet-on-wet technique over the substrate and spread not more than 1 sqm at a time, or enough to enable tiling to be completed within the open time of the adhesive.

Comb the adhesive to the required depth and fix the tile or stone. Place the tiles or stone during the open time of adhesive and press firmly into the position with a slight twisting action, checking periodically that good is maintained with the back of each tile. Remove and dispose any unworkable paste. Fresh excess mortar can be removed with water.

Limitation

Don't allow the product to come in contact directly with any of non-recommended surfaces such as metal, wood, vinyl, gypsum.. etc.

Packing

Plastic bag of 20 kg

Technical Data

Type	Pure White Powder Mixture
Powder Bulk density	Approximately 1.2-1.3 kg/liter
Density of fresh mortar	Approximately 1.6-1.7 kg/liter
Initial Setting time	4 hours
Final Setting time	6 hours
Compressive Strength	18.2 MPa
Flexural Strength	4.9 MPa
Slip Resistance	Less than 0.5mm (0.34 mm)
Tensile Adhesion Strength:	Greater than 1.00 N/mm ² under all test conditions
Shear strength, impervious ceramic (Porcelain)	Greater than 200 psi or 1.38 MPa at 28 days



Technical recommendation

- Concrete moisture content should be within 3 %.
- Cement-based plasters, moisture residues in the range of 1.5 %.
- Absorbent substrate shall be primed with a suitable primer from the Adva-Prime range and left to completely dry.
- Substrates should not be subject to any mechanical movement that affect the adhesion.
- For improvement in the overall properties of the bonding strength, water resistance, and flexibility performance. Adva-latex liquid can be mixed with the water required for one bag e.g. (4.5-5 liters of water 1.01.5 liters of Adva-latex).
- For the installation of a fully vitrified tile especially the Porcelain tile, Back buttering is highly recommended.



Storage And Shelf Life

AdvaBond has a shelf life of 12 months in sealed / unopen bags when stored in dry area and standard storage conditions. Advamix LLC will not be responsible for any misuse or incorrect application procedures or using the product over non-recommended surfaces. Advamix's technical team is ready to provide technical support and assistance regarding the application procedures and area of applications. Please contact Advamix for more information & details.