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χρόνια

σεβασμό στον μάστορα

δομικά υλικά

construction materials

Technical Specifications

Date of issue: 12/11/2015

Version Number: 2nd

Atlaproof 2k flexi

Cement based brushable elastic sealing slurry 2 components.



board, cement board, porous concrete, wood, mosaic or other materials.

Surface preparation

Surfaces must be firm and clean, free from loose materials, form release agents, salts, dust etc. Any leakage must be sealed using ultra quick setting repair cement Atlapop quick fix or using the same product (Atlaproof 2k flexi) made in thicker mix. Any concrete pockets, holes or cracks must be filled and sealed using cement mortar reinforced by Fiber Reinforced Construction Resin & Mortar Elastifying Agent Atlaplus fiber flex. Surfaces shall be thoroughly wetted prior to application, avoiding stagnant water.

Mixture preparation

Atlaproof 2k flexi is ready for use after simply mixing its 2 components. Add 25 kg. mortar (1 bag), to 8kg. of polymer dispersion while continuously stirring with power drill at low speed. The produced mix shall be homogenous with good workability. The ready mix can be used within 60 minutes (depending on ambient conditions, temperature or humidity).

Application

Atlaproof 2k flexi can be applied by emulsion brush, roller or standard brush in 2 or more coats, depending on the stress exerted to surfaces. To avoid excessive surface cracking, avoid product application in coats thicker than 1,5 mm. Each new coat must be applied on top of the previous dry coat. Apply the product under temperatures between 5°C and 30°C. Protect fresh coated surfaces against freezing, rain or high temperatures. At joints, indoor corners and generally locations where Atlaproof 2k flexi must be reinforced, use polyester cloth tape or glass mesh.

Colors

Available in white powder and white emulsion.

Description-Properties

Elastic brushable white cement based sealing slurry suitable for waterproofing outdoor or indoor building surfaces. Atlaproof 2k flexi is ideal for use on rooftops; balconies; walls; basements (indoor or outdoor use for protection against moisture or pressurized water). Also for damp areas such as shower rooms or kitchens (before tile laying), as well as flower pots, tanks etc. Ready for use by simply mixing its 2 components: powder and polymer dispersion. For creating an elastic, water impermeable waterproofing membrane that can handle surface expansion-contraction and vibration without cracking. Ensures full surface waterproofing against partial, seasonal or permanent humidity, even where surfaces are subject to pressurized water (up to 7 atm as per DIN 1048). Allows dynamic adhesion even on damp surfaces without priming necessary. Ensures high resistance to aging, solar UV radiation and freezing. Being steam permeable, it is recommended for use even on potable water tanks as well as surfaces intended for contact with edible products. Atlaproof 2k flexi can seal capillary or minor cracks and prevent their recovery, also it can fill through fissures. It is a hypoallergenic product, can be very easily applied and constitutes top value for the reliable waterproofing of surfaces that require protection against humidity and water.

Scope of application

Can be applied to any surfaces, indoor or outdoor, vertical or horizontal, from concrete, plaster, brickwork, cement blocks, plaster



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Consumption

Approximately 1,3 Kg./m² for a 1mm thick coat. Consumption rate depends upon proper preparation and the type of application surface, as well as the adverse effect of water.

SERVICE CONDITIONS	MINIMUM CONSUMPTION	MINIMUM THICKNESS
Humidity	2,0 Kg./m ²	Approximately 1,5 mm
Non pressurized water	3,0 Kg./m ²	Approximately 2,0 mm
Pressurized water	3,5 - 4,0 Kg./m ²	Approximately 2,5 mm

Storage

At least 12 months after date of production provided that the product is stored in closed bags and kept in a dry area protected against moisture.

Packaging

33 kg. (25 kg. A + 8 kg. B)

Safety information

Read the label before use. For detailed instructions - precautions, consult the Product Safety Data Sheet. Poison Information Centre: (+30) 210 77 93 777.

