

AQUAPROOF DPM

Polymerbased coating that after application dries to a flexible waterproofing membrane with high crackbridging properties



PRODUCT DESCRIPTION

AQUAPROOF DPM is a solvent free polymer based coating which is applied by airless, roller or paintbrush and dries to a watertight elastic membrane. AQUAPROOF DPM is used for the waterproofing of surfaces which are not continuously submitted to water contact or water pressure.

AQUAPROOF DPM is fit for use both on horizontal and vertical surfaces for the waterproofing of:

- Building foundations
- Floors in wet rooms and balconies under cementbased screeds or tiles

on the following surfaces: concrete, bricks, cement based coatings and plasters, silicate stone, plywood (or other type of woodpanels) for exterior use.

For applications of AQUAPROOF DPM on plaster boards or other plasterbased materials, natural stone, etc. , apply PRIMER 43 first.

AQUAPROOF DPM cannot be applied on surfaces containing bitumen.

APPLICATION

PREPARATION WORKS BEFORE APPLYING AQUAPROOF DPM

- Ensure surfaces to be sealed are dust free: remove loose or flaking material, surface efflorescence and standing water and all other kinds of pollutions that may affect adhesion.
- Verify that the surfaces are dry and solid.
- Close all gaps and joints with a width > 1mm with a fast set cement based repair mortar.
- Applying on existing tile floors is possible, providing they are well adhering and roughened prior to application of AQUAPROOF DPM.
- Apply PRIMER 43 on porous surfaces/plasterbased materials, natural stones.
- Temperature during application and drying of AQUAPROOF DPM: > 5°C.


HOW TO APPLY AQUAPROOF DPM

- Mix AQUAPROOF DPM before use; do not dilute with water or solvents.
- Apply AQUAPROOF DPM with airless machine, roller or paintbrush; in two layers, first layer crosswise and after setting of the first layer.
- Total minimum consumption: 1 kg/m² which is 830 micron wet thickness. Wet thickness needs to be verified with a wet film gauge. Also verify visually on complete coverage.
- In case of inside applications, allow ventilation for optimal curing.
- Cleaning tools after application: with water.

- AQUAPROOF DPM is resistant to minor chlor and calcium concentrations in water as well as to standard domestic cleaning products.
- Finishing on AQUAPROOF DPM:
 - Await complete drying before applying a finish layer on AQUAPROOF DPM membrane such as floor tiles. Suitable tiling glues: cement glue class C2 or dispersion glue class D2TE, according EN12004.
 - Complete drying time depending environmental conditions: 3 days (indicative).

CHARACTERISTICS

- Appearance: liquid
- Density (g/cm³): 1,2
- pH: 9,0
- Solids (%): >50%
- Elongation at break (DIN 53504) (%): >250
- VOC: < 5ppm
- Resistant to -30°C up to 100°C (after curing)

TESTINSTITUTE	TEST	STANDARD	VALUE
	Adhesion	ISO4624 (2016)	1,7 N /mm ²
	Adhesion after watercontact	NBN EN 14891 (2012)	≥ 0,5 N/mm ²
	Adhesion after ageing		
	Adhesion after contact with alcalin water		
	Adhesion after frost/defrost cycles		
	Water tightness		Pass
	Water absorption		Pass
	Crack bridging		Pass.

PACKAGING

10kg pails ; pallet: 44 x 10kg

STORAGE

24 months; original and closed packaging, 5 – 25°C.

SAFETY

Consult the safety data sheet prior to application.

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