

PROMULSIT

Waterproofing emulsion for anti-humidity protection

Non-ionic ED UNE 104231 water-soluble thick bituminous emulsion.

PROPERTIES

- > Easy to apply.
- > Easy to handle.
- > Good adherence to the substrates.
- > Resistant to alkalinity of cement.
- > High penetration in the substrate when used as primer.
- > VOCs free.

APPLICATIONS

- > Damping protection for walls, foundations and a wide variety of surfaces.
- > Suitable for newly built and refurbished surfaces.

INSTRUCTIONS FOR USE

- > Promulsit should be applied on clean surfaces. Presence of dust, oil, lime or any other pollutant may reduce adherence and detriment Promulsit's properties. For an optimum performance of the product follow the next steps:
 - Mix the emulsion vigorously in the container before applying it.
 - Use as primer a 20% solution of Promulsit in water. Let it dry completely before applying the product.
 - Apply two uniform layers of neat Promulsit in crossed strokes, using a trowel, roller or any other suitable instrument. Let the first layer dry completely before applying the second one (about 24 hours depending on the environmental humidity and ambient temperature).

SYSTEM'S STRUCTURE AND DOSSAGE

- > Primer: One single layer of diluted Promulsit (one part of Promulsit in four parts of water). Average dosage: 0,3 kg/m² aprox.
- > Waterproofing: Two crossed layers of neat Promulsit. Dosage: 1 kg/m² per layer aprox.
- > Finishing: Defined by the specific application (graving, asphaltic textiles, etc.).

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SPECIFICATIONS

Characteristics	Unit	Standard	MIN	MAX
Characteristics of the residue				
Properties of the emulsion				
Relative density at 25°C		UNE 104281-3.5	0,98	1,10
Water content	%	UNE 104281-3.2	45	55
Ash content	%	UNE 104281-3.8	10	30
Hardening		UNE 104281-3.9	Less than 24 hours after application	
Volatile organic compounds	g/l	ASTM D2369	--	30
Experiments with dry residue				
EN 13399				
Heating to 100°C		UNE 104281-3.10	Absence of blisters and deformation of lines. No displacement of the membrane	
Flexibility at 0°C		UNE 104281-3.11	Cracks are not formed	
Experiment on direct flame	-	UNE 104281-3.12	The surface carbonizes without flowing	
Resistance to water	-	UNE 104281-3.13	No blisters are formed, the asphalt film does not re-emulsify	

STORAGE

- The containers should be protected from both frost and overexposure to the sun.
- Storage temperatures should not be below 5°C since it could affect the quality of the product.
- Close tightly the containers after using to prevent evaporation of water.
- The maximum recommended storage time is 12 months from the manufacturing date. The product should be kept in it's the original undamaged container and tightly closed.

OTHER RECOMMENDATIONS

- The product should be applied at temperatures between 10°C - 35°C, avoiding unstable weather conditions.
- For Promulsit application indoors, the place should be well ventilated to favor correct curing.
- Promulsit is not suitable for applications in contact with solvents or fuels.
- The treated surface should be protected against direct sunlight.
- For cleaning tools and equipment, water can be used before the product dries. After that, they can be cleaned with any industrial solvent.