PRIMER WET - TWO-COMPONENT, 100% SOLIDS EPOXY RESIN AS A PRIMER (FOR DAMP CONDITIONS)

PRIMER WET is a free solvent resin, two-component, low viscosity, applicable in a single layer. It is specially designed to increase adherence to waterproofing systems based on continuous membranes, TECNOCOAT P-2049 pure polyurea membrane, and DESMOPOL single polyurethane membrane, even on concrete or mortar substrates with high residual moisture.

USES

Epoxy resin to use in:

- concrete, mortar, and ceramic tile surfaces/supports, with high moisture or water content.

NOTE: call our technical department about the application to other supports or situations

density at 23ºC	1,50 g/cm³
pot life at 23ºC	±60 minutes
drying time at 23ºC	±4 hours
approx. consumption	± 400 g/m2
mix ratio	3,90:1
maximum support moisture (residual)	±98%

GENERAL FEATURES

- To apply on porous surfaces such as concrete or mortar**.**
- It's a mixture of a two-component, epoxy resin without solvent (100% solids content)
- Removes residual moisture from mortar or concrete type supports up to 98%.
- It can be applied on porous surfaces: concrete, cement, etc.
- Respect existing structural joints (not covered with PRIMER WET).
- Applied by trowel. Consumption is 400 g/m², thickness 270 mic.
- Do not use on groundwater pressure behaviors.

PACKAGING

Kit metal tins of: COMPONENT A: 11,95 kg + COMPONENT B: 3,05 kg

EXPIRY

12 months for each product at temperatures between 5° C and 35° C, provided it is stored in a dry place. Once the tin has been opened, the product must be used immediately.

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APPLICATION METHOD

- The surface should be strong, firm, and free of dust, dirt, or other elements that may be separating elements such as paint, adhesive residues, lime ... any screed or existing substrate, not resistant to moisture, also it should be removed. Concrete curing agents, additives, and surface hardeners, or residues of pampering should be affecting the adhesion, so it should be removed by shot-blasted, sanded, hot air or compressed.
- Remove superficial water
- The original packaging resin and hardener are pre-measured to exact quantities. The curing agent (component B) is added to the resin (component A) and stirred with a spiral rod at low speed until a uniform consistency and color. It is very important that the components of the resin are thoroughly mixed.
- Apply the layer of PRIMER WET with a trowel. While PRIMER WET is still fresh, it should smoothing trowel marks a short nap roller, which should be wet before with the same product.
- The application thickness should not be less than 270 microns. (approx.400 g/m²). It is important that the application is continuous and free of pores or cavities; otherwise, the application should be repeated.

HANDLING AND TRANSPORT

These safety recommendations for handling, are necessary for the implementation process as well as in the pre and post, on exposure to the loading machinery.

- Respiratory Protection: When handling or spraying use an air-purifying respirator.
- Skin protection: Use rubber gloves, remove immediately after contamination. Wear clean body-covering. Wash thoroughly with soap and water after work and before eating, drinking, or smoking.
- Eye / Face: Wear safety goggles to prevent splashing and exposure to particles in the air.
- Waste: Waste generation should be avoided or minimized. Incinerate under controlled conditions in accordance with local laws and national regulations.

Anyway, consult the material and safety data sheet of the product(MSDS) or contact our technical department.

PROPERTIES

PROPERTIES	RESULT
Density finished product at 23ºC ISO 1675	1,50 g/cm^3
Viscosity at 23ºC ISO 2555	9.000 - 12.000 cps
Density comp. A at 23ºC ISO 1675	1,70 g/cm3
Density comp. B at 23ºC ISO 1675	1,10 g/cm3
Viscosity comp. A at 23ºC ISO 2555	26.000 - 30.000 cps
Viscosity comp. B at 23ºC ISO 2555	350 - 5000 cps
Solids content ISO 1768	100%
VOC(volatile organic compounds)	0
Mixing ratio	3,90:1
Water vapor transmission EN ISO 7783:2012 Consumption 400 g/m² (270 microns)	45,57 ±2,74 Class II
Pot life at 23ºC	60 min.
Drying time at 23ºC	±4 hours
Recoat time at 2 ºC (it will be required)	9 ~ 24 hours

Environmental and surface temperature	5 ~ 35 ºC
Max. moisture on surface	±98%

These values in this table are approximate and can vary depending on the situation of the carrier or application methodology employed

TECHNICAL DATA (ACCORDING TO EN 1504-2:2005 PRINCIPLE 1.2: PROTECTION AGAINST PENETRATION)

PROPERTIES	RESULT
Applied consumption	600 g/m³ (400 microns)
High bond strength by pull-off EN 1542:2000	3,98 MPa
Liquid water permeability EN 1062-3:2008	0,020 kg/(m²*h 0,5)
Determination of carbonation depth EN 14630:2007	1,9 mm. Class. I<10 mm.