



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 TECNOCOAT and DESMOPOL and to the flooring systems TECNOFLOOR and TECNOTOP, even on concrete, mortar, or ceramic tiles 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	1,50±0,05 g/cm ³
pot life	±60 minutes
drying time	±4 hours
approx. consumption	± 400 g/m ²
mixing ratio (in weight)	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, and ceramic tiles, etc...
- Respect existing structural joints (not covered with PRIMER WET).
- Applied by trowel. Consumption is 400 g/m², thickness 270 mic.
- Do not use 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.



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.
- Application thickness should not be less than 270 microns (± 400 g/m²); continuous and free of pores/cavities.

HANDLING AND SAFETY

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	ISO 1675	1,50 \pm 0,05 g/cm ³
Viscosity	ISO 2555	4.000~6.000 cps
Density components A/B	ISO 1675	1,72 \pm 0,08 g/cm ³ / 1,10 \pm 0,05 g/cm ³
Viscosity components A/B	ISO 2555	26.000~30.000 cps / 300~400 cps
Solids content	ISO 1768	100%
VOC(volatile organic compounds)		0
Mixing ratio (in weight)		3,90:1
Water vapor transmission EN ISO 7783:2012 Consumption:400 g/sqm ² (270 microns)		45,57 \pm 2,74 Class II
Pot-life		60 min.
Drying time		\pm 4 hours
Recoat time at 2 °C (it will be required)		9 ~ 24 hours
Environmental and surface temperature		5 ~ 35 °C
Max. moisture on the surface		\pm 98%



Results were performed in the laboratory at 23°C and 50% RH, under controllable conditions. These values may vary depending on the application, climatology, or substrate conditions.

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

PROPERTIES	RESULT
Applied consumption	600 g/m ³ (400 microns)
High bond strength by pull-off EN 1542:2000	3,98 MPa
Liquid water permeability EN 1062-3:2008	0,020 kg/(m ² *h 0,5)
Determination of carbonation depth EN 14630:2007	1,9 mm. Class. I<10 mm.

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