



## PRIMER WET - TWO-COMPONENT, EPOXY RESIN AS A PRIMER FOR DAMP CONDITIONS

Two-component, 100% solids content epoxy resin. It is specially designed to increase adhesion to high humidity substrates and improve planimetry for liquid waterproofing systems TECNOCOAT and DESMOPOL and flooring systems TECNOTOP and TECNOFLOOR.



### USES

For application in the following situations:

- Increase adhesion and improve the planimetry of concrete, mortar or ceramic substrates

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

Density	1.50±0.05 g/cm <sup>3</sup>
Viscosity	4,000~6,000 cps
Pot life	±40 minutes
Dry time	±6 hours
Application method	notched trowel or rubber lip



### GENERAL SPECIFICATIONS

- Two-component, 100% solids content epoxy resin, solvent-free, odorless, which once dry forms a continuous film in concrete, mortar or ceramic substrates increasing adherence for liquid waterproofing and flooring systems
- Retains the residual humidity of substrates such as mortars or concrete up to 98%
- Its consumption depends on the situation of the substrate, irregularities that it presents or level of planimetry. It can be applied in a thick layer, self-leveling system
- Do not use with groundwater pressure (water pressure coming from the back of the treated element)
- No dilution needed at all
- It holds a CE marking on the basis of a statement made DoP Declaration of Performance (DoP) under the EN-1504-2:2004 table 5

### PACKAGING



Metallic pail kit: 11.95 kg + 3.05 kg

## SHELF LIFE

12 months at temperatures between 5° C and 35° C (41 °F to 95 °F), provided it is stored in a dry place. Once the tin has been opened, the product must be used.

## APPLICATION METHOD

The following factors prior to application should be checked:

- Previous preparation of the substrate according to its type
- Existing holes or areas with a lack of material must be repaired using some of our epoxy resins: Primer EP-1020/Primer EP-1010
- Joint fillings with Mastic PU
- In existing dilatations joints: remove old material, clean, and fill with Mastic PU. Use also Tecnoband 100 to cover, if necessary.
- General cleaning of the substrate, removing existing dust, dirt, grease, or efflorescence

### Mortar, concrete or ceramic substrate

- Check the maximum degree of moisture permittivity of the substrate
- Mix the two components using a mechanical shaker for approximately 4-5 minutes (medium speed)
- Extends in a single coat, using a notched trowel or rubber lip in a single thick coat. Consumption around 400 and 450 g/sqm. Always respect the recoat time between coats or between different materials. In case of rain, apply a thin layer, consumption approx. 100-150g/sqm.

**NOTE:** For other types of substrates, weather conditions or final use, consult our technical department.

## 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.



## TECHNICAL AND CHEMICAL PROPERTIES

PROPERTIES		RESULT
Density	ISO 1675	1.50±0.05 g/cm <sup>3</sup>
Viscosity	ISO 2555	4,000~6,000 cps
Density components A/B	ISO 1675	1.72 ±0.08 g/cm <sup>3</sup> / 1.10 ±0.05 g/cm <sup>3</sup>
Viscosity components A/B	ISO 2555	26,000~30,000 cps / 300~400 cps
Mixing ratio (in weight)		3.90:1
Solids content	ISO 1768	100%
VOC components A/B (volatile organic compounds)		0 g/l +0 g/l
Determination of adhesion by direct pull-off	UNE-EN 1542 (yield 300 g/sqm)	3.6 MPa
Vapor water permeability	UNE-EN ISO 7783 (yield 300 g/sqm)	Sd=61.1 (Class III) / 0.3 g/sqm/day / μ=525,994
Liquid water permeability	UNE-EN 1062-3 (yield 300 g/sqm)	W=0.0001 kg/(sqm * h <sub>0,5</sub> ) (PASS, <0,1)
Reaction to fire	EN-13501-1:2007+A1:2010	Efl
Times: pot-life / dry / recoat		±40 min. / ±6 hours / 6~48 hours
Application temperature range (substrate and environmental)		5~ 35 °C (41~95°F)
Max. moisture on the substrate		±98%

Results performed in the laboratory at 23°C (73°F) and 50% RH, under controllable conditions. These values may vary depending on the application, climatology, or substrate conditions

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