



PRIMER WET R - TWO COMPONENT, EPOXY RESIN AS A PRIMER FOR DAMP CONDITIONS AND FAST TACK-FREE TIME

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 ³
Viscosity	4,000~6,000 cps
Pot life at 15°C	±40 minutes
Dry time at 15°C	±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
- Quick drying to be used in situations of low environmental temperature
- 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
- No dilution needed at all

PACKAGING

Metallic pail kit: 11.95 kg + 3.05 kg

STORAGE AND SHELF LIFE

12-months shelf life is stored in original containers in a dry environment at a temperature between 5-35 °C (41-95°F). Keep away from direct sunlight, extreme heat, cold or moisture. Once the tin has been opened, the product must be used.



APPLICATION METHOD

Concrete, mortar substrates: Concrete should be completely cured (concrete curing takes 28 days) or, in any case, the maximum level of humidity allowed for the substrate should be verified, depending on the primer used. Concrete must be strong, cohesive and dry, having a correct planimetry, high surface resistance, eliminating laitance, graise, oils or release agents, without excessive irregularities. Therefore, the previous action of sanding, polishing, milling or shot-blasting will be assessed by the applicator to achieve a preparation of the substrate according to ICRI Guide 03732, CSP values 3 to 5. Existing holes or areas with a lack of material must be repaired using some of our epoxy resins: Primer EP-1020/Primer EP-1010. Mastic PU must be used on fissures or small cracks on the surface. Joint filling for installation, work and consolidation of surfaces. General cleaning of the substrate, removing existing dust, dirt, grease or efflorescence. The substrates must be resistant and cohesive. 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.

Ceramic substrates : Ceramic surfaces should not have empty joints or loose elements or parts. These should be filled with Mastic P-2049 mastic or mortar, according to their size. Existing joints or seals: remove the old material, clean up and fill with Mastic P-2049. Sanding with specific equipment. Thereby, to remove moss or solids particles bonded to the substrate, and opening the pore. General cleaning of the substrate, removing existing dust, dirt, grease or efflorescence. The substrates must be resistant and cohesive. 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.

HEALTH AND SAFETY

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. Re-occupancy of the work site without respiratory equipment is minimum 24 hours providing the correct ventilation for the area sprayed. Contractors and applicators must comply with all applicable and appropriate guidelines for storage and safety guidelines. 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. Dispose waste in accordance with star or/and local regulations.



TECHNICAL AND CHEMICAL PROPERTIES

PROPERTIES		RESULT
Density	ISO 1675	1.50±0.05 g/cm ³
Viscosity	ISO 2555	4,000~6,000 cps
Density compounds A/B	ISO 1675	1.72 ±0,8 g/cm ³ / 1.10 ±0.05 g/cm ³
Viscosity compounds 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 content		0 g/l
Adhesion to concrete		>3.6 MPa
Times: pot-life / dry / recoat (at 15°C)		±40 min. / ±6 hours/ 6~48 hours
Application temperature range (substrate / environment)		5~35/5~30°C (41~95/ 41~86°F)
Application temperature range (substrate and environment)		5~35°C / 5~30°C (41~95°F / 41~86°F)
Max. moisture on the substrate		±98%

Results performed in the laboratory at 15C (60°F) and 50% RH, under controllable conditions. These values may vary depending on the application, climatology, or substrate conditions

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