



PRIMER WET R - TWO-COMPONENT, 100% SOLIDS EPOXY RESIN AS A PRIMER FOR DAMP CONDITIONS AND FAST TACK-FREE TIME

PRIMER WET R is a free solvent resin, two-component low viscosity, applicable in a single layer, and fast tack-free time. 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 23°C	1,50 g/cm ³
pot life at 23°C	±40minutes
drying time at 23°C	±2 hours
approx. consumption	±400 g/m ²
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 R).
- Applied by trowel. Consumption is 400 g/m², thickness 270 mic.
- Do not use on groundwater pressure behavior.

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 R with a trowel. While PRIMER WET R 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 at 23°C ISO 1675	1,50 g/cm ³
Viscosity at 23°C ISO 2555	9.000 - 12.000 cps
Density comp.A at 23°C ISO 1675	1,70 g/cm ³
Density comp. B at 23°C ISO 1675	1,10 g/cm ³
Viscosity comp. A at 23°C ISO 2555	26.000 - 30.000 cps
Viscosity comp. B at 23°C 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/m ² (270 microns)	45,57 ±2,74 Class II
Pot life at 23°C	60 min.
Drying time at 23°C	±2 hours
Recoat time at 2 °C (it will be required)	6 ~ 24 hours



Environmental and surface temperature	5 ~ 35 °C
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/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.

The information herein is to assist customers in determining whether our products are suitable for their applications. Our products are only intended for sale to industrial and commercial customers. The customer assumes full responsibility for quality control, testing, and determination of the suitability of products for its intended application or use.

We warrant that our products will meet our written liquid component specifications. We make no other warranty of any kind, either express or implied, by fact or law, including any warranty of merchantability or fitness for a particular purpose since Tecnopol Sistemas S.L.U. does not control the execution, since Tecnopol Sistemas S.L.U. does not control the execution. Our total liability and customers' exclusive remedy for all proven claims is the replacement of the nonconforming product and in no event shall we be liable for any other damages. While descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, they are provided for guidance only. Because many factors may affect processing or application/ use, Tecnopol Sistemas S.L.U. recommends that the reader make tests to determine the suitability of a product for a particular purpose prior to use.

No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or designs, data or information set forth, or that the products, designs, data or information may be used without infringing the intellectual property rights of others. In no case shall the descriptions, information, data or designs provided be considered a part of Tecnopol Sistemas S.L.U. terms and conditions of sale. Further, the descriptions, designs, data, and information furnished by Tecnopol Sistemas S.L.U. hereunder are given gratis and Tecnopol Sistemas S.L.U. assumes no obligation or liability for the description, designs, data or information is given or results obtained, all such being given and accepted at the reader's risk.

All data furnished refers to standard production using manufacturing testing tolerances. The product user, and not Tecnopol Sistemas S.L.U., is responsible for determining the suitability and compatibility of our products for the final user's intended use.

The liability of Tecnopol Sistemas S.L.U. and its affiliates for all claims is limited to the purchase price of the material.

Products may be toxic and require special precautions in handling. Users should obtain detailed information on toxicity, together with proper shipping, handling and storage procedures, and comply with all applicable safety and environmental standards.

No freedom from any patents or other industrial or intellectual property rights is granted or to be inferred.

