



PRIMER EP-1040 - TWO-COMPONENT, 100 % SOLIDS, EPOXY RESIN AS A PRIMER

It's a two-component primer, epoxy resin-based 100% solids, to use as a primer, to increase adherence of TECNOCOAT and DESMOPOL waterproofing liquid systems, in applications on metal surfaces. (smooth surfaces)

USES

Epoxy resin to use :

- to improve the adherence on metal surfaces and ceramic tiles(smooth finishing)
- to stop the oxidation or corrosion processes
- to seal on concrete surfaces

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

density at 23°C	1,05 g/cm ³
viscosity at 23°C	850 cps
pot life at 23°C	± 40 minutes
drying time at 23°C	4~6 hours
approx. coat consumption	±150 g/m ²
mix ratio	1,6:1



GENERAL FEATURES

- 100% solids, epoxy resin
- Excellent adhesion on metal surfaces
- stops corrosion and oxidation processes
- Odorless, and solvent-free.
- Do not add water or any solvent.
- Consumption on metal surfaces 150-200 g/m², applied on thin coats
- It can be applied on surfaces with a maximum surface humidity of 4%.
- Do not apply at temp. below. 10 °C or more than 30 °C, or with relative moisture more than 80%. Do not use hot air guns that burn fossil fuels. These conditions facilitate the appearance of white spots. Use electric heaters.
- Translucent once applied.
- The PRIMER EP-1040 should be applied in dry conditions avoiding the presence of humidity or water coming from the surface to be coated or the substrate, whether at the time of application or subsequently (pressure from phreatic water level).

PRESENTATION



Kit metal tins: 8 kg.+5kg.

SHELF LIFE

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 must be clean, free of loose particles, grease, oil, or damaged paintings.
- Remove oxidation or corrosion areas
- Both temperature, environmental and support, should be at least 3 higher than the dew point at the time of the application, so the risk of condensation is reduced
- PRIMER EP-1040 comes in pre-weighed containers suitable for subsequent mixing proportions, partial mixtures is not recommended.
- Pour the contents of Comp. II on Comp. I, and mix with a drill fitted with a stirrer at low speed until achieving a homogeneous product. Special emphasis on shaking the walls and bottom of the container.
- Do not add water or any solvents.
- Apply PRIMER EP-1040 with the help of a short-haired roller on the support. applying a second layer will be necessary for very absorbent substrates.

Notes:

- Consult in all cases the waiting times, drying time, singular points treatment, conditions of application of all the products through the technical data sheets of each product, the technical handbook of application of TECNOCOAT, or consult our technical department.
- For other types of supports/substrates, for further information on the execution application procedure, for any additional questions, please, consult the technical data sheets (TDS) of these products, or our technical department.
- These guidelines are valid although they can be modified, according to the situation of the supports, conditioning of the bearing structures of the elements to be waterproofed, external climatology or situation at the time of application

HANDLING

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	VALUE
Density at 23 °C ISO 1675	1.05 g/cm ³
Viscosity at 23°C ISO 2555	850 cps
Density comp. A at 23 °C ISO 1675	1.25 g/cm ³
Density comp. B at 23 °C ISO 1675	1.10 g/cm ³
Viscosity comp. A at 23°C ISO 2555	1.100 - 1.300 cps
Viscosity comp. Bat 23°C ISO 2555	250 - 500 cps
Solids content ISO 1768	100%
VOC(volatile organic compounds)	0
Shore D at 23°C DIN 53.505	>75
Adhesion to the concrete	>2 MPa
Pot life at 23 °C	±40 minutes
Tack-free time 23 °C	±60 minutes
Drying time at 23 °C	±4~6 hours
Recoat range time at 23 °C	4~48 hours
Service range temperature	-20~80 °C
Environmental application range of temperature	5~35 °C
Max. moisture on the support	±4%
Max. environmental moisture	±80%
Dilution	NEVER

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

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.

