



# MAXELASTIC® PUR PRIMER

## SOLVENT-FREE EPOXY PRIMER FOR MAXELASTIC® PUR

### DESCRIPTION

**MAXELASTIC® PUR PRIMER** is a two-component, solvent-free, low viscosity, transparent epoxy primer to be used prior to application of **MAXELASTIC® PUR**, acting as an excellent bonding agent and a vapor barrier.

### APPLICATION FIELDS

Primer for **MAXELASTIC® PUR** on concrete, mortars and porous substrates when subject to permanent water immersion: channels, reservoirs, fountains, etc

### ADVANTAGES

- Provides an excellent vapor barrier.
- Strong adhesion to concrete, mortars, etc.
- Very good penetration and sealing of cracks and porous substrates.
- Good coverage.
- Non-flammable and solvent-free.

### APPLICATION INSTRUCTIONS

#### Substrate preparation

Substrate must be sound, dry and clean, free from dirt, dust, greases, oils and remains of paints. All of the substrate to be coated should be properly prepared, as indicated in our technical note: *Preparation of concrete surfaces for epoxy coating applications*.

#### Mixing

**MAXELASTIC® PUR PRIMER** is supplied in pre-weighed sets. The hardener component B, is poured into the resin, component A. Make sure of pouring all of component B. The mix can be done manually or using a low speed drill until obtaining a homogenous

appearance and colour. Do not mix for prolonged period nor use high speed mixer which may heat the mixture or introduce air bubbles.

Check the technical data table for the pot-life or time it takes the product to harden inside the container. The pot-life of 10 kg at 20 °C is 45 minutes.

#### Application

Apply uniformly one coat using a roller, brush, etc until the surface is covered. Application of **MAXELASTIC® PUR** must be done while the primer is still tacky, check the technical data table for the open-time interval. The open-time of 10 kg at 20 °C is 2 hours. If it hardens, another layer of primer must be used prior to be coated.

#### Application conditions

Do not apply if surface temperature is below 5 °C nor when relative humidity is below 85 %. Dew point must be 3 °C above substrate temperature.

#### Cleaning

Working tools or stains with this product can be cleaned using **MAXSOLVENT®** before hardening.

### CONSUMPTION

The coverage will depend on the porosity of the substrate and application method, but can be estimated at about 250 – 300 g/m<sup>2</sup>. A preliminary test on-site will determine the coverage exactly.

### IMPORTANT INDICATIONS

- Moisture content of the surface must not exceed 5 %.

- Allow at least 28 days of curing time for new concrete and mortar.
- Do not add any solvent to the product.
- For other uses not specified in this Technical Bulletin, consult our Technical Department.

## PACKAGING

**MAXELASTIC® PUR PRIMER** is supplied in pre-weighed sets of 5 and 10 kg.

## STORAGE

Twelve months in its original unopened packaging, in a dry and covered place, with temperatures above 5 °C. Protect against direct sunlight and frost. Prolonged storage and temperatures below 5 °C produce the crystallising of the product. Should this happen, in order to return the product to

normal conditions it must be heated between 80 and 90 °C, while being regularly stirred.

## SAFETY AND HEALTH

When mixing and applying, do not work without the protection of rubber gloves and safety goggles. If the product comes in contact with the eyes, rinse immediately with clean water without rubbing and seek medical assistance if irritation persists. In case of skin contact, wash with abundant water and soap. If ingested, seek immediate medical assistance. Do not induce vomiting. Do not inhale vapours produced during heating or combustion. For further information, Safety Data Sheet for **MAXELASTIC® PUR PRIMER** is available by request.

The final user must do disposal of the product and its empty container according to official regulations.

## TECHNICAL DATA

<b>Appearance</b>	Colourless liquid
<b>Proportion of components A:B (by weight)</b>	2:1
<b>Solids content (%)</b>	100
<b>Application temperature (°C)</b>	> 5
<b>Pot-life 10°C / 20°C / 30°C (minutes) (10 kg set)</b>	100 / 45 / 15
<b>Open-time 10°C / 20°C / 30°C (hours)</b>	5 / 2 / 1
<b>Coverage (gr/m²)</b>	250 – 300
<b>Curing time (days at 20 °C)</b>	3
<b>Adhesion on concrete (MPa), ASTM D-4541</b>	> 2,5 (Breaks substrate)

## GUARANTEE

The information contained in this leaflet is based on our experience and technical knowledge, obtained through laboratory testing and from bibliographic material. **DRIZORO® S.A.** reserves the right to introduce changes without prior notice. Any use of this data beyond the purposes expressly specified in the leaflet will not be the Company's responsibility unless authorised by us. We shall not accept responsibility exceeding the value of the purchased product. The data shown on consumptions, measurement and yields are for guidance only and based on our experience. These data are subject to variation due to the specific atmospheric and jobsite conditions so reasonable variations from the data may be experienced. In order to know the real data, a test on the jobsite must be done, and it will be carried out under the client responsibility. We shall not accept responsibility exceeding the value of the purchased product. For any other doubt, consult our Technical Department. This version of bulletin replaces the previous one.

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**INFRA WATERPROOFING PTE LTD** <http://www.infrawaterproofing.com>

10 Ubi Crescent #02-45 Ubi Techpark, Republic of Singapore, 408564

Tel.: +65-67412738 Fax: +65-67413083 Email: sales@infrawaterproofing.com

