



# MAXELASTIC<sup>®</sup>

## POLY -P

### PRIMER AND ADHESION PROMOTER FOR MAXELASTIC<sup>®</sup> POLY

#### DESCRIPTION

**MAXELASTIC<sup>®</sup> POLY -P** is a one-component, polyurethane primer, low viscosity and adhesion promoter suitable for **MAXELASTIC<sup>®</sup> POLY**.

#### APPLICATION FIELDS

- Adhesion promoter primer between coats of polyurea membranes, once they have dried.
- Renewal or repairs on old polyurea membranes.
- Bonding bridge and adhesion activator on porous surfaces of concrete, mortar, polyurethane rigid foam, etc.

#### ADVANTAGES

- Improves adhesion of polyurea membranes in waterproofing works.
- One-component product. Easy to use.

#### APPLICATION INSTRUCTIONS

##### Surface preparation

Surface must be structurally sound, firm, without cement laitance and as uniform as possible, and preferably with a slight roughness, i.e. open textured surface. It must be dry, clean and free of paints, coatings, efflorescence, loose particles, grease, oils, curing agents, form release agents, dust, gypsum plasters, organic growth or any other contaminants that may affect to adhesion. Surface moisture content should not exceed 5%.

Previous polyurea membrane on which to apply **MAXELASTIC<sup>®</sup> POLY -P** should be perfectly dry before coating, and completely free of dust or other particles.

##### Application

**MAXELASTIC<sup>®</sup> POLY -P** is supplied ready to use. Apply two crossed coats by brush, roller or spray means with an estimated consumption of 0,15-0,30 kg/m<sup>2</sup> per coat. Allow a drying time between coats from 2 to 3 hours, as well as before the application of the polyurea membrane. To improve its

application, **MAXELASTIC<sup>®</sup> POLY -P** can be diluted with 5-10% **MAXSOLVENT<sup>®</sup>**.

In case of irregular substrates, spread the surface with dry silica aggregate to improve the adhesion for the next coat of polyurea.

#### Application conditions

Substrate and ambient application temperature are from 5°C to 40°C. Do not apply with substrate and ambient temperature is at or below 10°C, or when such temperatures are expected to fall below 10°C within 24 hours after application. Do not apply to frozen or frost-covered surfaces.

Substrate and ambient temperature must be at least 3°C higher than dew point. Do not apply with R.H. higher than 85%. Measure the relative humidity and dew point before applying the product for applications carried out in proximities of marine environment.

#### CONSUMPTION

Estimated consumption for **MAXELASTIC<sup>®</sup> POLY -P** is 0,15-0,30 kg/m<sup>2</sup> per coat, applied in two coats. These figures are for guidance and may vary depending on porosity, texture, substrate conditions and application method. Perform a preliminary test on-site to ascertain the total consumption exactly

#### IMPORTANT INDICATIONS

- Surface moisture content must be below 5%. Allow substrate to dry enough after rain, water contact, damp, dew, condensation, etc., as well as after washing surface.
- For other uses not specified on this Technical Bulletin or further additional, consult the Technical Department.

#### PACKAGING

**MAXELASTIC<sup>®</sup> POLY -P** is supplied in 5 kg can.

## STORAGE

Twelve months in its unopened and undamaged original sealed packaging. Store in a cool, dry and covered place, protected from moisture, frost and direct sunlight, with temperatures between 5°C and 35°C. Storage at temperatures above 35°C may lead to an increase of viscosity

## SAFETY AND HEALTH

**MAXELASTIC<sup>®</sup> POLY -P** is not a toxic product but direct contact with skin and eyes must be avoided. Use proper clothes, rubber gloves and safety

goggles during application. In case of skin contact, wash affected area with soap and water. In case of eye contact, rinse immediately thoroughly with clean water but do not rub. If the irritation persists, seek medical assistance.

Consult the Material Safety Data Sheet for **MAXELASTIC<sup>®</sup> POLY -P**.

Disposal of the product and its packaging should be carried out according to the current official regulations and it is the responsibility of the final user of the product.

## TECHNICAL DATA

| Product characteristics   |             |
|---|-------------|
| Density, (g/cm <sup>3</sup> )                                       | 1,11 ± 0,1  |
| Solids content, (%)   | > 85        |
| Application and curing conditions                                   |             |
| Temperature / Relative Humidity for substrate and ambient, (°C / %) | 5 - 40 / <5 |
| Drying time to touch at 20°C, (s)                                   | 60          |
| Drying time, (h)  | 2 - 3       |
| Pot life at 23°C, (h)   | 24          |
| Cured product characteristics                                       |             |
| Adhesion on concrete, (N/mm <sup>2</sup> )                          | > 2,0       |
| Thickness / Consumption*  |             |
| Consumption per coat / total application, (kg/m <sup>2</sup> )      | 0,15 - 0,30 |

\* These figures are for guidance only and may vary depending on porosity, texture, substrate conditions and application method. Perform a preliminary test on-site to ascertain the total consumption exactly.

## GUARANTEE

The information contained in this leaflet is based on our experience and technical knowledge, obtained through laboratory testing and from bibliographic material. **DRIZORO<sup>®</sup>, S.A.U.** 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



### DRIZORO, S.A.U.

C/ Primavera 50-52 Parque Industrial Las Monjas  
28850 TORREJON DE ARDOZ – MADRID (SPAIN)  
Tel. (+34) 91 676 66 76 - (+34) 91 677 61 75 Fax. (+34) 91 675 78 13  
e-mail: [info@drizoro.com](mailto:info@drizoro.com) Web site: [drizoro.com](http://drizoro.com)