



# MAXPRIMER® PUR

## PRIMER FOR POLYURETHANE COATINGS ON NON-POROUS SURFACES

### DESCRIPTION

**MAXPRIMER® PUR** is a single-component transparent primer made of solvent-based silanes, which one applied reacts and it acts as a chemical bonding, building binder bridges between substrate and polyurethane coatings.

It is designed to improve highly the adhesion of polyurethane coatings on both low or non-porous substrates such as vitrified elements, gresite, ceramic tile, glass, terrazzo, marble, granite, metal, plastic and polished concrete.

### APPLICATION FIELDS

Primer for polyurethane coatings from **DRIZORO's** range such as **MAXURETHANE®, MAXURETHANE® TOP, MAXURETHANE® 2C, MAXELASTIC® TRANS, MAXELASTIC® TRANS-M**, etc on substrates with low or no porosity.

### ADVANTAGES

- Provides an excellent bonding on substrates with no absorption.
- Transparent and it does not affect the aesthetic of the surface.
- It does not create any film, allows water vapour diffusion.
- Non-yellowing and it does not change of appearance with weathering.
- Great efficiency and high yield.
- Quick drying.

### APPLICATION INSTRUCTIONS

#### Substrate preparation

Substrate should be completely dry and clean, free of grease, dust, old coatings, salts, mildew or other foreign particles which

may affect adhesion. Allow substrate to dry after cleaning. Surface moisture content must not exceed 4 %. Do not apply if hydrostatic pressure is expected.

Unsound areas and surface damages must be removed and repaired with a suitable DRIZORO repair mortar.

On new renders and pointing mortars must be a minimum curing time of 7 days at 20 °C and 50 % R.H. Lower temperature and higher relative humidity will increase curing time.

#### Application

**MAXPRIMER® PUR** can be applied directly by brush, roller or air-less, in a single coat.

Apply the following polyurethane coating after 1 to 3 hours of drying time. A longer delay will require to prime surface again.

#### Application conditions

Do not apply below 5 °C or if lower temperature is expected within 24 hours. Do not apply on frozen surfaces. Avoid application when relative humidity is higher than 90 %. Do not apply if rain is expected within 24 hours.

#### Cleaning tools

Tools and equipments can be clean with **MAXSOLVENT®** immediately after use. After it dries can only be removed by mechanical means.

### CONSUMPTION

Estimated consumption of **MAXPRIMER® PUR** is from 0,100 – 0,150 l/ m<sup>2</sup> depending on porosity and conditions of the substrate, as well as application method. A pre-liminary test on-site will determine consumption exactly.

## IMPORTANT INDICATIONS

- Surface moisture content must not exceed 4 %. Allow sufficient time for the substrate to dry after rain, dew or other inclement weather and after cleaning surface. If moisture is trapped behind the polyurethane coating, a white film may develop.
- Allow new renders and pointing mortars to dry 7 days before priming.
- Minimum application temperature is 5 °C.
- Do not apply if hydrostatic pressure is expected.
- Do not add solvents or other compounds.
- For any other application not specified in this Technical Bulletin, consult our Technical Department.

## PACKAGING

**MAXPRIMER® PUR** is supplied in 1 litre can and 5 litre drum.

## TECHNICAL DATA

Product characteristics	
Appearance	Transparent liquid
Base	Solvent-based silanes
Approx. density (g/cm <sup>3</sup> )	0,78 ± 0,05
Toxicity	Non-toxic
Application and curing conditions	
Application conditions, T (°C)/ R.H. (%)	5 – 40 / < 90
Drying-time interval before coating (h.)	1 / 3
Estimated consumption (l/ m <sup>2</sup> )	0,100 – 0,150

## 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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## STORAGE

Twelve months in its unopened packaging, in a dry and covered place, protected from humidity, frost and direct sun light. Keep in a ventilated place with minimum temperature of 5 °C and maximum temperature of 30 °C.

## SAFETY AND HEALTH

**MAXPRIMER® PUR** is a flammable product s all storage, transportation and handling precautions for this kind of material must be observed. Do not smoke in working areas and keep away from heat or ignition sources.

**MAXPRIMER® PUR** is not a toxic product but rubber gloves and safety goggles must be used during application. In case of eye contact, rinse with clean water, but do not rub. In case of skin contact, wash affected areas with water and soap. If irritation persists, consult medical attention.

Safety data sheet for **MAXPRIMER® PUR** is available by request.

Disposal of the product and its empty packaging must be made by the final user, and according to official regulations.

ISO 9001  
ISO 14001

BUREAU VERITAS  
Certification

n° 6003176 / 6003176-MA

