



SYN.0312

# SYNTECH POLIUREA PRIMER - EPOXY METAL

Two-component epoxy primer  
specific for metal surfaces

## Customs Code

3907 3000

## Packaging

- Can 10 kg [A]
- Can 5 kg [B]
- Kit: 1 Can 10 kg [A] + 1 Can 5 kg [B]

## Application

- Low pressure airless nebulizer
- Brush
- Paint roller

Family  
Syntech

Product Lines  
• Aqua

Components  
Two-components

Type  
Polyurea resins and related accessories

Functional Categories  
• Waterproofing with hot-sprayed elastomeric coatings (100% pure polyurea)  
• Fixing treatments to be applied before varnishing and coating  
• Protective, strengthening, polyurethane or epoxy coatings

Appearance  
Liquid + Liquid

## General description

SYNTECH POLIUREA PRIMER - EPOXY METAL is a two-component primer based on epoxy resins free from solvents, used to promote adhesion, as a surface sealant for concrete, applied as a substrate for works with polyureas on metal surfaces and epoxy and polyurethane coatings.


## Dosage


Approximately 0,20 kg of SYNTECH POLIUREA PRIMER - EPOXY METAL for every square metre of surface to be treated.

## Fields of application


Adhesion promoter, surface sealant for concrete, to be applied as a substrate for works with polyureas on metal surfaces and epoxy and polyurethane coatings.

## Basic features

 Density:  
1.1 (A) / 1.0 (B)  $\pm$  0.1 g/cm<sup>3</sup>

 Dosage:  
150 - 200 g/m<sup>2</sup>


**A:B** Mixing ratio:  
2:1 (in peso) \_

 Shelf-life:  
12 months

 Solvent-free

 Use wearing protective glasses

 Use wearing protective gloves

 Available colours  
Transparent / Neutral

## Technical specifications

Complete hardening a 23° C: 7 day

Gel time a 23° C: 270 min

Hard to touch a 23° C: >4 h

Time before second coat a 23° C: max 10 h

## Tools cleansing

- Thinner for resins

## Applicable on

- Metal surfaces
- Steel

## Substrate preparation

The application must take place on a dry and degreased surface; the substrate must not have crumbly or detached parts and with a degree of humidity that must not exceed 5%. Preparation of the substrate may require some types of mechanical action: Smoothing, bush-hammering, shot peening, hydro-washing. Other mechanical actions that can make the support suitable.



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## Instructions for use

The individual components must be mixed carefully until a homogeneous mass is obtained. The material can be applied by roller, brush or spray by means of special airless machines, even in two coats. The temperature of the support must always be at least 3°C higher than the dew point temperature. Minimum application temperature +5°C, maximum temperature +35°C.

## Storage and preservation

Protect from freezing. Store the product in its original packing, in a fresh and dry environment, avoiding frost and direct sunlight. Inadequate storage of the product may result in a loss of rheological performance. Protect from humidity. Store the product at a temperature between +5°C and +35°C.



## Warnings, Precautions and Ecology

The general information, along with any instructions and recommendations for use of this product, including in this data sheet and eventually provided verbally or in writing, correspond to the present state of our scientific and practical knowledge. Any technical and performance data reported is the result of laboratory tests conducted in a controlled environment and thus may be subject to modification in relation to the actual conditions of implementation.

Azichem Srl does not assume any liability arising from inadequate characteristics related to improper use of the product or connected to defects arising from factors or elements unrelated to the quality of the product, including improper storage. Those wishing to utilise the product are required to determine prior to use whether or not the same is suitable for the intended use, assuming all consequent responsibility.

The technical and characteristic details contained in this data sheet shall be updated periodically. For consultation in real time, please visit the website: [www.azichem.com](http://www.azichem.com). The date of revision is indicated in the space to the side. The current edition cancels out and replaces any previous version.

Please note that the user is required to read the latest Safety Data Sheet for this product, containing chemical-physical and toxicological data, risk phrases and other information regarding the safe transport, use and disposal of the product and its packaging. For consultation, please visit: [www.azichem.com](http://www.azichem.com). It is forbidden to dispose of the product and/or packaging in the environment.

Avoid contact with skin and mucous membranes. Use appropriate protection, in particular, goggles and gloves. Do not inhale any vapours deriving from the processing of the product and if possible, ventilate the work areas.



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