

# PROTEK POLIURETANO PRIMER 2511 ANTICORROSIVO



## SALES FORMAT

COLOUR KIT: 21 kg

## DESCRIPTION

A two-component undercoat primer, based on hydroxyacrylic resins and aliphatic isocyanates, offering excellent adhesion, hardness, sealing power and ease of sanding. Suitable for application to a wide variety of plastic, metal and masonry surfaces.

## SCOPE OF APPLICATION

Outdoors/Indoor  
Primer for polyurethane enamel  
Structures in the chemical industry  
Flooring  
Marine environments

## PROPERTIES

- Elasticity
- Weather-resistant
- Abrasion resistance
- Chemical resistance
- Excellent hardness
- Excellent adhesion
- Can be repainted in the long term
- Pot life: 4 hours at 20°C

## TECHNICAL DATA

Chemical composition	Hydroxylated acrylic + polyisocyanate	
Colour	White and colours	
Finish	Semi-matt	
Density (A+B)	1.33 ± 0.05 g/ml	UNE-EN ISO 2811-1
Viscosity (Component A)	75–85 KU	UNE 48076
Volume solids (A+B)	42–46%	UNE-EN ISO 23811
Fire classification	A2-s1, d0 / Bfl-s1	UNE-EN 13501-1 5237T24-2/3900T19
VOC	< 500 g/L. Maximum value permitted by the EU: 500 g/L	2004/42/II Category (j)
Theoretical coverage	6–8 m <sup>2</sup> /L – 4–6 m <sup>2</sup> /kg (70 microns dry film thickness)	
Drying times	Touch-dry: 20–30 mins No-tack dry: 2 hours Full cure: 7 days	
Recoating time	Can be recoated with the same product within 7 days	
Dilution	5–15% depending on the application method	
Thinner	POLYURETHANE SOLVENT 310	
Cleaning	UNIVERSAL SOLVENT 302	

The technical data specified may vary if the material is tinted.

## PREPARATION OF THE SUBSTRATE

### GENERAL INFORMATION

Outdoors, do not apply if rain is forecast, in the midday sun or on damp days.

### UNPAINTED IRON OR STEEL SURFACES

Remove any rust and mill scale using suitable scrapers or wire brushes; degrease and clean the surface of dust and dirt; then sand carefully until all rust residues have been removed from the surface, if necessary, sandblast to Sa 2 1/2. Then apply one or two coats of POLYURETHANE PRIMER 2511 ANTICORROSIVO. Once the specified drying time has elapsed, apply one or two coats of POLYURETHANE 2512.

### PAINTED IRON OR STEEL SURFACES

Remove any coats of paint that are not perfectly adhered, and then proceed as indicated for unpainted iron surfaces.

## PREPARATION OF THE SUBSTRATE

### CONCRETE OR CEMENT SURFACES

First apply one or two coats of POLYURETHANE PRIMER 2511 ANTI-CORROSIVE. In the case of floors, it is advisable to open the pores of the surface using chemical or mechanical methods.

## APPLICATION CONDITIONS

Substrate temperature	Min. +10°C / Max. +35°C
Ambient temperature	10°C / 35°C
Dew Point	The substrate temperature must be at least 3°C above the dew point to reduce the risk of flaking or efflorescence.

## APPLICATION SYSTEM

System	Product	Yield	Dilution	Coats
PRIMING (Iron or steel, Difficult surfaces, Concrete, Cement and Polyester)	2511 ANTI-CORROSIVE POLYURETHANE PRIMER	6-8 m <sup>2</sup> /L - 4-6 m <sup>2</sup> /kg (70 microns dry film thickness)	0-15% DEPENDING ON THE APPLICATION SYSTEM - POLYURETHANE SOLVENT 310	1 or 2 -
FINISH	POLYURETHANE 2512	11-13 m <sup>2</sup> /L - 9-11 m <sup>2</sup> /kg (40 microns dry film thickness)	5-20% DEPENDING ON THE APPLICATION SYSTEM - SOLVENT-BASED POLYURETHANE 310	1 or 2

## APPLICATION RECOMMENDATIONS

<b>Product preparation:</b>	Stir until the product and its hardener are thoroughly mixed. Mix in a ratio of 6:1 by weight (base:catalyst), stir and leave to stand for 10 minutes before application. Use the mixture within 4 hours at 20°C. Stir periodically. Adjust the viscosity.
<b>Application method:</b>	Can be applied by brush, roller, airbrush or airless spray gun. For application by brush or roller, dilute by 5-10% with PU 310 SOLVENT. For application by airbrush, dilute to a viscosity of 28-32 seconds on the Ford N-4 Cup using 15-25% of the same solvent. For application by airless spray gun, dilute to a viscosity of 60 seconds on the Ford N-4 Cup using 5-10% of the same solvent.

**ADDITIONAL INFORMATION****Health and safety**

For any information regarding safety issues relating to the use, storage, transport and disposal of waste from this product, users should consult the labelling and the latest version of the Safety Data Sheet for this product, which contains physical, ecological and toxicological data, as well as other relevant information on this subject. WASTE: HAZARDOUS. LER CODE: 080111

**Storage**

The product will remain stable in its original, unopened packaging at ambient temperatures not exceeding 30°C or falling below 5°C for 12 months from the date of manufacture. The product must be stored in a cool, dry place, in its original, tightly sealed, undamaged packaging, protected from frost and direct sunlight.

**Tariff heading**

TARIC code: 3208 90 91

**Note**

The data provided in this technical data sheet may be subject to change depending on possible variations in formulation and, in any case, represent indicative values which do not exempt the user from carrying out the necessary tests to ensure the product is suitable for a specific job. For any queries regarding the treatment of the surfaces mentioned above or the painting of other specific materials not covered in this data sheet, please consult GRUPO's accredited technical staff for the appropriate treatment.