

# UNIPRIMER

Rev.01/2019

## DESCRIPTION

Water-dilutable rust-inhibitor, characterized by rapid drying, good adhesion to iron, galvanized metal sheets, ABS and PVC. It ensures good corrosion protection through the use of special pigments that act by passivating ferrous surfaces. Suggested when a low solvent emission is required.

## USES

It is specific for the protection of iron structures and metal carpentry in general. Easily applied, it is suitable for interiors and exteriors

## PREPARING THE SURFACE

To obtain best results it is essential to always observe the rules for a thorough cleaning of the backing.

**New iron:** Sand to SA 2 level or brush, and dust to remove all traces of calamine. Degrease with DILUENTE N and dry.

**Already varnished iron:** Brush all traces of rust thoroughly, inconsistent or chalking old paint must be totally removed by brushing or chemical pickling. Old paint which is still in good condition should be cleaned, degreased, sanded or brushed and dusted thoroughly.

If the surface is very rusty it is advisable to apply a coat of rust converter. The use of the rust converter, even on substrates that are only a little rusty, provides a more qualitative coating. In the bare metal areas, apply UNIPRIMER.

Once the process of cleaning the surface to be painted by one of the chemical or mechanical treatments terminates, never leave the exposed metal for more than 24 hours without temporary protective coating or a coat of rust inhibitor to prevent the formation of rust that may affect the duration of the paint products applied subsequently.

**Galvanized surfaces and aluminium:** Clean carefully to get rid of extraneous waste, oiliness and superficial oxidation, perfectly degrease with pickling solvent solutions. Lightly sand.

**ABS and PVC:** The surface must be dry, pre-sanded, thoroughly clean and degreased.

## APPLICATION

Mix thoroughly before applying the product to get an even colour and consistency.

Apply one or two coats of UNIPRIMER by brush, roller or spray.

Leave at least 4 hours between coats. To complete the paint cycle apply at least two coats of finishing on top. Apply between temperatures of 10 ° C and 30 ° C. Avoid application on surfaces that are in direct sunlight, hot or cold, in the presence of strong wind, if rain is imminent or with high relative humidity. Stir repeatedly and slowly during application.

**DILUTION**

Add 10-15% water.

**TECHNICAL DATA**

**PRODUCT**

Single component hydrosoluble acrylic primer

**SPECIFIC WEIGHT**

1,320 ± 0,010 kg/L

**VISCOSITY**

16000 ± 2000 Brookfield Cps at 23°C

**GLOSS**

Matt

**COLOUR**

White, grey

**RECOMMENDED THICKNESSES**

50-60 dry microns for coat

**NUMBER OF COATS RECOMMENDED**

2 coats at a distance of at least 8 hours

**RE-COATING**

After 18-24 hours with synthetic polish.

After 48-72 hours and preliminary test for nitro or nitrodiluant finishes

**APPLICATION METHOD**

Air mixer: use a 1.4 ÷ 1.7 mm nozzle and pressure of 3 ÷ 4 atm.

Airless: nozzle Ø 0.4 ÷ 0.6 mm.

Compression Ratio 30:1

Spray pressure: 130 ÷ 150 atm (max 5% water)

Brush, roller

5-6 m<sup>2</sup> /l for two layers

**THEORETICAL YELD**

**DRYING TIMES AT 23°C**

**Tack**

30 minutes

**Touch dry**

1 hour

**Deep dry**

24 hours

**CLEAN TOOLS**

With water immediately after use.

**STORAGE**

Keep away from heat, in a cool and ventilated place, protected from chills.

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