

Uniprimer

Description

Water-dilutable anti-corrosive base-coat. Characterized great adhesion on steel, galvanized steel sheets, aluminum, light alloys and metals in general. It offers excellent protection from corrosion and oxidation of metals, guaranteeing their integrity over time.

Suitable for painting metal products placed in civil and industrial environments both inside and outside, it also allows use in rooms with poor ventilation thanks to the reduced VOC content.

In application it stands out for its good leveling during drying which allows to obtain rather smooth and uniform surfaces.

Uses

It is specific for the protection iron and metal products in general. Easy to apply, it is suitable for indoor/outdoor applications.

Surface preparation

In order to obtain excellent results, it is of prime importance to accurately clean the substrate.

New steel: sandblast (grade SA 2) or brush, then dust until any trace of mill scale is removed.

Degrease with DILUENTE N and dry.

Painted steel: brush thoroughly to remove rust; old flaking-off paints must be totally removed by mechanical brushing or chemical pickling. Surfaces coated with old paints in good conditions must be cleaned, degreased, sandpapered or brushed and dusted accurately.

Rusted product: in case of rusted surfaces, it is always advisable to remove the degraded layers by brushing or sandblasting.

The use of a rust converter can be indicated as a post-removal treatment of rusty part.

Galvanized surfaces and aluminum: carefully clean from foreign waste, grease and surface oxidation. Degrease perfectly with solvent solution with pickling action. Carry out a light sanding.

At the end of the preparation and cleaning operations of the surfaces, do not leave the ferrous product uncovered in order to avoid even slight rust formation which could affect the adhesion and correct product film formation, thus compromising the correct protection of the substrate.

Application

Before applying, mix the product accurately until uniform colour and consistency are obtained.

Apply 1-2 coats of UNIPRIMER by brush, roller or spray.

Allow at least 5 hours between each coat.

To complete the painting work, apply at least two layers of top-coat.

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Quality management
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Environmental management
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Apply at temperatures between 10°C and 30°C. Avoid application on ice-cold, hot surfaces or exposed to sun, in presence of strong wind, in imminence of rain or with high relative humidity. Stir slowly and repeatedly during use.

Dilution

Ready to use. Add max 5% water if strictly necessary.

Cleaning tools

With water, immediately after use.

Storage

24 months in sealed container, away from sources of heat, in a cool and ventilated place, repaired from frost.

Technical data

PRODUCT	Acrylic water-dilutable monocomponent base-coat
SPECIFIC WEIGHT	1,270 ± 0,01 kg/l
VISCOSITY	6000 ± 1000 cP Brookfield at 23°C
GLOSS	Matt
COLOUR	White
RECOMMENDED THICKNESS	90-100 dry µm for each coat
RECOMMENDED COATS	2 coats spaced out of at least 5 hours
RECOAT TIME	After 24-48 hours with synthetic top-coats. After 16 hours with water based top coat.
APPLICATION METHOD	Air-mix spray gun: nozzle Ø 1,7-1,9 mm spray pressure 3,5-5,0 atm Airless: nozzle Ø 0,4-0,6 mm. compression ratio 30:1 spray pressure 130-160 atm (max. 15% water) Brush - roller
THEORETICAL YIELD	6-7 m ² /l for 2 coats
DUST-FREE TIME	30 minutes
TOUCH-DRY (23°C)	1-2 hours
DEEP-DRY (23°C)	24 hours

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