

# Uniko

## Description

High-quality anticorrosion top-coat based on particular adhesion promoters, suitable for painting various substrates, including the most critical ones. It is characterized by high coverage, excellent adhesion to the substrate, fullness, elasticity and levelling. The excellent resistance to abrasion, bad weather, alkalis and light makes it suitable for indoor/outdoor applications.  
Available in glossy or satin version.

## Uses

As a top-coat for galvanized steel sheets, aluminium, anodized aluminium, light alloys, plastic, PVC as well as wood, iron, cement, glass, ceramic.

## Surface preparation

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

New wood: apply filler if necessary, sand with fine-grit sandpaper, dust and, if the substrate is particularly porous, apply 1 coat of opaque base-coat paint.

Painted wood: old incoherent or chalking paints must be totally removed by brushing or chemical pickling. Old paints in good conditions must be cleaned, degreased, sanpapered or brushed and dusted accurately.

New substrates (metal or plastic): clean and degrease with DILUENTE N. Dry off with a clean cloth. On iron, it is advisable to sandblast (grade SA 2) or brush and dust until any trace of mill scale is removed. Although the product is an anti-rust enamel paint, on bare metal it is advisable to apply a suitable primer.

Painted substrates (metal or plastic): thoroughly brush any trace of rust; old incoherent or chalking paints must be totally removed by brushing or chemical pickling. Old paints in good conditions must be cleaned, degreased, sanpapered or brushed and dusted accurately. In presence of severe rust on the substrate, it is advisable to apply a coat of rust converter. Using a rust converter, even on substrates scarcely affected by rust, provides greater quality to the painting work. **On uncoated spots, apply suitable primer.**

Cement: brush and dust until any friable residue and traces of release agents are removed. Apply primer SOLVEX appropriately diluted.

Once the surface has been prepared, do not allow the metal to stay unprotected for longer than 12 hours without applying a temporary protective coating or a coat of anti-rust paint, in order to prevent the formation of oxidation that could impair the lifetime of the top-coats.

## Application

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

Apply 2 coats of UNIKO by roller, spray or pure-bristle brush, crossing the strokes. Allow 12-24 hours between each coat. Apply at temperatures between 5°C and 30°C. Avoid application on ice-cold or damp surfaces, or exposed to sun, in presence of strong wind, in imminence of rain or with high relative humidity. If applied indoors, ensure ventilation during the application.

## Dilution

Add 0-5% of DILUENTE A for brush or roller application, 5-10% of DILUENTE X for spray application.

ATTENTION: do not use NITRO, UNIVERSAL SYNTHETIC or ODOURLESS thinners for dilution, as the product is poorly compatible with some solvents.

## Cleaning tools

With solvent immediately after use.

## Storage

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

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## Technical data

PRODUCT	Universal thermoplastic top-coat
SPECIFIC WEIGHT	1,100 ± 0,100 kg/l, depending on the shade
VISCOSITY	2500 ± 500 cP Brookfield at 23°C
GLOSS	Glossy = 90 ± 2 g.u. (60°) Satin = 45 ± 2 g.u. (60°)
COLOUR	White, <i>palette</i> tones, RAL colours
RECOMMENDED THICKNESS	40-50 dry µm for each coat
RECOMMENDED COATS	2 coats spaced out by 18-24 hours
RECOAT TIME	At least 18 hours
APPLICATION METHOD	<b>Air-mix spray gun:</b> nozzle Ø 1,3-1,7 mm spray pressure 3,5-4,5 atm <b>Airless:</b> nozzle Ø 0,3-0,4 mm compression ratio 30:1 spray pressure 90-120 atm (max. 10% DILUENTE X) <b>Brush, roller</b>
THEORETICAL YIELD	5-6 m <sup>2</sup> /l for 2 coats
DUST-FREE TIME	1-2 hours
TOUCH-DRY (23°C)	3-4 hours
DEEP-DRY (23°C)	24-36 hours

### REV 1/2025

The aforementioned technical notions regarding the application and correct use of the product do not imply liability of Alcas Italia S.r.l. for use and application of the products themselves. Due to the unpredictable variability of application conditions, the USER must verify with direct tests the suitability of the product for each peculiar use. We reserve the right to modify the content of this document, without notification. As soon as a new version of these technical data sheet becomes available, this one won't be valid any longer.

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