

# TITAN ANTIGRAFFITI VARNISH 881

## TITAN



**Product Code:** 881

## Description

Transparent, colourless, glossy or semi-matt two-pack varnish for the protection of surfaces against graffiti or bill posting. Permanent and long-lasting protection

## Fields of Application

Treatment and protection of brick, stone, roughcast, concrete, marble, stainless steel, etc., or painted surfaces in banking facilities, markets, underground stations, monuments, commercial centres, etc... and façades in general. Surfaces have to be suitably prepared and primed with Antigraffiti Primer.

## Technical Data

<b>Product Type</b>	Catalyzed polyester with aliphatic isocyanate
<b>Finish</b>	Gloss and semi-matt
<b>Colour (UNE EN ISO 11664-4)</b>	Clear
<b>Density (UNE EN ISO 2811-1)</b>	Gloss: 0.94 - 0.96 Kg/l, Semi-matt: 0.97 - 1 Kg/l
<b>Coverage</b>	Porous surfaces: 6 - 8 m <sup>2</sup> /l per coat. Non-porous surfaces: 8 - 12 m <sup>2</sup> /l
<b>Drying at 23°C 60 % RH (UNE 48301)</b>	Gloss: 3 - 4 hours, Semi-matt: 2,5 - 3,5 hours
<b>Mixing Rate</b>	Base: 3 parts / Hardener: 1 part
<b>Pot Life at 23°C</b>	4 hours
<b>Methods of Application</b>	Brush, roller, air spray-gun and airless (approximate data)
<b>Thinning</b>	Brush and Roller: 0 - 5% / Air spray-gun: 10 - 15% / Airless: 0 - 5%
<b>Nozzle Diameter</b>	Air spray-gun: 1.7 mm / Airless: 0,011" - 0.015"
<b>Nozzle Pressure</b>	Air spray-gun: 3 - 4 bar / Airless: 150 - 175 bar
<b>Thinner</b>	Thinner 873 or 874
<b>Equipment Cleaning</b>	Thinner 873 or 874
<b>Recommended Thickness (UNE EN ISO 2808)</b>	35 µ dry film
<b>Application Temperature, RH&lt;80%</b>	+10°C - +30°C
<b>Flash Point (UNE EN ISO 3679)</b>	Base: 24 °C / Endurecedor: 33 °C
<b>Volume Solids (UNE EN ISO 3233-3)</b>	Gloss: 19 - 21 % / Semi-matt: 19 - 22 %
<b>Pack sizes</b>	4 l

Variations in temperature, humidity, thickness, tinting or surface type, etc. may lead to changes in drying, in coverage or in other properties.

# Directions for use

## GENERAL REMARKS:

Carefully stir the product in the pack. The surfaces have to be clean, dry and suitably primed. The maximum hardness and antigraffiti effect are reached after 5 - 7 days, depending on environmental conditions. On large surfaces the possible surface irregularities (roughness, unevenness, etc.) may cause gloss alterations, especially with the semi-matt varnish: Perform a test prior to application. If required, previously homogenize the surface with Antigraffiti Primer. The cleaning or elimination of graffiti is done with solvent or water under pressure (30-40 bar).

## BARE SURFACES:

**Brick, concrete, marble, stainless steel:** Previously apply Antigraffiti Primer. If the surface is absorbent, apply 2 or 3 primer coats until total and uniform waterproofness. Finish with 1 coat of Antigraffiti Varnish.

**Artificial stone:** Directly apply the Antigraffiti Varnish. If an additional protection of the support against environmental corrosion is required, previously prime with Antigraffiti Primer .

## MAINTENANCE OF PREVIOUSLY COATED SURFACES IN GOOD CONDITION:

Directly apply 1 coat of Antigraffiti Varnish. Some kinds of paints could show problems of softening or coloration. Perform a test prior to application.

On surfaces previously coated with our 880/881 antigraffiti system, lightly sand, apply a full coat of Antigraffiti Primer and finish with 1 coat of Antigraffiti Varnish.

# Precautions

Always read the pack label before use. For more information, please refer to the Safety Data Sheet.

Store in tightly closed containers protected from sources of heat and temperatures below 0°C. Shelf life: 36 months in original unopened packaging.

**Waste management:** Follow local legal regulations. Help to protect the environment, do not empty into drains, dispose of this material and its container at hazardous or special waste collection points. Calculate the amount of product you will need to avoid waste and extra costs. Collect the leftover material and keep it well stored for a new use.

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Any technical sheet is automatically cancelled by a subsequent sheet or five years after the issue date. We guarantee the quality of our products. However, we disclaim any liability in relation to factors other than the coating itself or in relation to an unsuitable use or application method. In case of doubt, please refer to our technical service before applying the products.



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