

## Description

High performance photo cross linking acrylic coating. Resistant to weathering and washes. Hard wearing. CE Marking according to the UNE EN 1504-2 standard for the following uses:

Protection against water penetration 1.3 (C).

Moisture control 2.2 (C).

Resistivity increase 8.2 (C).

Protection and decoration of façades, walls and outdoor surfaces showing cracks or likely to become cracked in the future where a high quality long lasting finish is required. Standard complying waterproofness, anticarbonation and breathability. Protection of the building while air and water vapour can pass through the applied coating film. It contains additives for preventing the growth of mould and algae on the coated surfaces. High resistance to damaging outdoor conditions. Good resistance to dirt. Excellent adhesion on concrete, cement, brick and other material currently used for building, with previous surface preparation. Protection against extreme weather conditions. Paint schemes finished with this product can obtain a guarantee of up to 12 years, if the prescription and follow-up is requested to our sales technical team.



CE Marking



White to be tinted + TitanColor Bases



High certified breathability V2



Maximum certified anticarbonation C1



Maximum certified waterproofness W3

## Technical Data

Product Type	Acrylic styrene
Finish	Matt
Colour (UNE EN ISO 11664-4)	White and colour range + TITANCOLOR Bases: Intermediate and Neutral
Density (UNE EN ISO 2811-1)	White: 1.34 - 1.40 Kg /l, Colours: 1.30 - 1.40 Kg/l
Coverage (UNE 48282)	4 - 6 m <sup>2</sup> /l (85 - 125 dry $\mu$ )
Drying at 23°C 60 % RH (UNE 48301)	30 - 60 minutes
Recoat time at 23°C 60% RH (UNE 48283)	6 - 8 hours
Methods of Application	Brush, roller or airless
Viscosity (UNE 48076)	120 - 130 KU
Thinner	Water
Recommended Thickness (UNE EN ISO 2808)	167 - 250 dry $\mu$ in 2 coats. For 2 mm cracks, at least 375 $\mu$ in 3 coats
Application Temperature, RH<80%	+10 °C - +30 °C
Tinting	TITAN Universal Colourant, Professional Water Based Dye or TITANCOLOR System
Volume Solids (UNE EN ISO 3233-3)	49 - 51 %
VOC (UNE EN ISO 11890-2)	2004/42/IIA (c) (75/40) Max. VOC 5 g/l.
Pack sizes	15 l

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

### **Certificates**

**Direct traction adhesion (without traffic load) UNE-EN 1542:**  $> 0,8(0,5) \text{ }^b \text{ N/mm}^2$

**Permeability to liquid water UNE EN 1062-3:**  $w < 0,1 \text{ kg} \cdot \text{m}^2 \cdot \text{h}^{-0,5}$  (W3 Waterproof)

**Permeability to CO2 UNE EN 1062-6:**  $S_p > 50 \text{ m}$  (C1 anticarbonation)

**Permeabilidad to water vapour UNE EN ISO 7783:** according to EN 1504-2: Clase I:  $S_p < 5 \text{ m}$  (according to EN 1062-1:V2) permeable

### **Directions for use**

#### **GENERAL REMARKS:**

Carefully stir the contents in the pack, manually or with low speed stirrer. The surfaces to be painted have to be clean, dry and sound. Do not apply on hot surfaces or in strong wind.

A good diagnosis and support preparation are essential for obtaining the best results.

#### **ATTENTION . VERY IMPORTANT. DO NOT APPLY:**

At temperatures below 7 °C.

With relative humidity equal or superior to 80%.

If rain is foreseen in the next hours.

Failure to follow these instructions may lead to unsatisfactory results in the application, such as patches of different colour or irregular thin lines on areas of the paint film (similar to snail trails, etc.). Industrias TITAN, S.A.U. will not accept any claim if these directions have not been taken into account. Please pay special attention to dark colours.

#### **BARE SURFACES:**

If they are in good condition, apply a first coat thinned with 10 - 15% water. Apply a second unthinned coat.

If the surfaces are in poor condition, repair all the damaged areas. Remove all poorly adhered or inconsistent material. Remove dirt and existing dust.

In order to strengthen the surface and achieve uniform porosity, as well as on distemper and size paints, whitewash or surfaces where they have been removed, it is recommended to previously apply base coat of S10 100% Acrylic All-Purpose Primer or S20 Acrylic High Impregnation Fixative, following directions stated in the technical sheet.

#### **MAINTENANCE OF PREVIOUSLY COATED SURFACES IN GOOD CONDITION:**

Directly apply the paint after previously having washed or brushed the surface. Apply a first coat thinned with 10 - 15% water. Apply a second unthinned coat.

#### **MAINTENANCE OF PREVIOUSLY COATED SURFACES IN POOR CONDITION:**

Thoroughly remove old paints and proceed as for bare surfaces.

### **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.

It contains BCM, IPU, IPBC, Terbutryn, to protect the initial properties of the treated article.

Before applying the product on a large surface where scaffolding must be employed to lift more than two floor levels, it is essential to request the visit of a technician of the TITAN After-Sales Service, who will ensure that all details in our technical sheet are known, check the surface state, and provide on-site advice on environmental and atmospheric conditions in order to guarantee a perfect finish. If these directions are not

observed, Industrias TITAN, S.A.U. will not be held responsible for the success of the application.

Issue date: 2020-07

*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.*