

NON CRACKING COATING A14

Indoor - Outdoor. Matt



Product Code: 175

Description

Photo cross linking coating to be applied on building façades, concrete structures, single coat mortar surfaces, etc, showing cracks or likely to become cracked in the future.

Suitable to achieve an excellent water-proofing protection, with high resistance to damaging outdoor conditions. Good resistance to dirt. It prevents concrete carbonation. It contains anti mould and anti algae preservative.

Fields of Application

For jobs where the CE Marking is required according to UNE EN 1504-2 standard, for the following uses:

Protection against penetration 1.3 (C)

Moisture Control 2.2 (C)

Resistivity increase 8.2 (C)

Technical Data

Product Type	Acrylic styrene
Finish	Matt
Colour (UNE EN ISO 11664-4)	White and colour range (Please refer to Orion Façades Colour Card. Minimum order: 300 l)
Density (UNE EN ISO 2811-1)	White: 1.34 - 1.38 Kg /l, Colours: 1,30 - 1,40 Kg/l
Coverage (UNE 48282)	4 - 6 m ² /l (125 dry μ)
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 or roller
Thinner	Water
Recommended Thickness (UNE EN ISO 2808)	250 dry μ (2 coats), for 2 mm cracks, at least 400 μ (3 coats)
Application Temperature, RH<80%	+10 °C - +30 °C
Volume Solids (UNE EN ISO 3233-3)	49 - 51 %
VOC (UNE EN ISO 11890-2)	2004/42/IIA (c) (75/40) Max. COV 5 g/l.
Pack sizes	15 l and 4 l

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

Certificates

Adhesion by direct traction (without loads of traffic) UNE-EN 1542:1999: > 0,8(0,5)^b N/mm²

Determination of liquid water permeability UNE EN 1062-3: w < 0,1 kg .m².h^{0,5} (W3)

Permeability to CO₂: According to UNE EN 1062-6:2005: S_p>50m (C1)

Directions for use

GENERAL REMARKS:

Carefully stir the contents in the pack. The surfaces to be painted have to be clean, dry and in good condition.

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 a base coat of D13 Fixative or A16 Water-based 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 brushes. 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: 2018-12

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.



TITAN

175 - NON CRACKING COATING A14

INDUSTRIAS TITAN S.A.U.

España: P. I. Pratenc, c/ 114, 17-19 - 08820 El Prat de Llobregat- T. +34 93 479 74 94

Portugal: Rua Fonte Cova, 51 - 4475-031 Maia
Endereço Postal: Apartado 2020 - 4476-909 Castelo da Maia
T. +351 229 865 450 - F. +351 229 810 764

