

## Description

Single pack solvent free coating for roof waterproofing. Repairation of cracked areas or where cracks are likely to appear. Suitable for surfaces intended to be non-continuously walked on. Unsuitable for heavy traffic. It sticks to building materials and produces a waterproofing barrier. It contains anti-mould and anti-algae preservative to avoid growth on painted areas. Resistant to alkalis. Long lasting, tough and elastic thus allowing to protect and renew any kind of roof submitted to rough weather conditions. Paint schemes finished with this product can obtain a guarantee, which will depend on the application features and always upon request of prescription and supervision to our sales technical team. See guarantee term according to the system applied in the Directions for Use



High elasticity



Maximum waterproofness



Integral waterproof system

## Technical Data

Product Type	Hybrid polyurethane dispersion
Finish	Semi matt
Colour (UNE EN ISO 11664-4)	White and colour range
Density (UNE EN ISO 2811-1)	1.30 - 1.34 Kg/l
Coverage (UNE 48282)	Approx 0.7 Kg/m <sup>2</sup> per coat
Drying at 23°C 60 % RH (UNE 48301)	6 - 8 hours
Recoat time at 23°C 60% RH (UNE 48283)	18 - 24 hours. Walkable: 2 - 3 days
Methods of Application	Brush and roller
Thinner	Water
Equipment Cleaning	Water. Clean tools immediatly after use
Recommended Thickness (UNE EN ISO 2808)	0.6 - 1.00 mm. dry film depending on application conditions
Application Temperature, RH<80%	+10°C - +30°C
Volume Solids (UNE EN ISO 3233-3)	39.5 - 40.5 %
VOC (UNE EN ISO 11890-2)	2.004/42IIA (c) (75/40) Max. VOC 15 g/l.
Pack sizes	20 Kg and 5 Kg

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

## Certificates

### Directions for use

#### GENERAL REMARKS:

Carefully stir the contents in the pack with a manual mixer or a low speed mechanical mixer. The surfaces to be painted have to be clean, dry and in good condition. Do not apply on hot surfaces or under strong wind.

A good prescription and surface preparation are a basic condition 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 following application.

Otherwise, the application result may not be satisfactory. Industrias TITAN will not accept any claim if these instructions are not observed.

If there are more than 1 mm wide cracks, it is advisable to repair them and/or to reinforce them with a strip of waterproofing elastic material, between the applied coats of I12 Polyurethane Film.

To thoroughly waterproof horizontal enclosed surfaces, the application of I1 Polyurethane Film has to be extended until the adjoining vertical walls up to a certain height, and the angles between horizontal and vertical surfaces have to be reinforced, if necessary.

In order to improve the resistance against breakage of the applied film, a reinforcing layer of continuous fibre can be added between the applied coats of I12 Polyurethane Film. This addition is especially convenient on areas to be walked on more often.

While the paint is not thoroughly dry, it may be damaged by water.

#### BARE SURFACES:

New concrete has to be allowed to dry for at least 28 days. In mineral or concrete substrates, the surface grout has to be removed and the pore has to be opened.

Check humidity, trapped air, and consistency.

Surface conditions:

Temperature + 8°C - + 35°C

RH <6% moisture content

Clean, get rid of loose residues, smooth and level slopes or unevenness of the surface to be painted, to avoid possible puddles.

Surface preparation:

Concrete substrates, brick, ceramic tile (unglazed): apply a coat thinned with 10% water (approx coverage 0.4 kg / m<sup>2</sup>). Let to dry for 2 hours.

Work steps:

1º.- Apply on a surface of 1 m<sup>2</sup> a 1st layer (approx. 0.7 kg / m<sup>2</sup>).

2º.- Apply the mesh while the 1st layer is fresh. Overlap the rolls along a minimum of 5 cm,

3º.- Apply a 2nd layer on the mesh (approx. 0.7 kg / m<sup>2</sup>)

Repeat steps 1 - 3 until the total surface of the roof is coated.

4º.- When the roof is dry, finish the waterproofing with 1 or 2 coats of I12 Polyurethane Membrane according to the requested durability term (0.7 kg / m<sup>2</sup> per layer)

8 year guarantee: apply 3 unthinned coats. Thickness approx. 0.8 mm (total consumption: 2.1 kg / m<sup>2</sup>)

10 year guarantee: apply 1 unthinned coat + mesh + 2 unthinned coat. Total thickness 0.8mm. (total coverage: 2.1 kg / m<sup>2</sup>)

12 year guarantee: apply 1 unthinned coat + mesh + 3 coat. Total thickness 1.0mm. (total coverage: 2.8 kg / m<sup>2</sup>)

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

Directly apply the paint after having washed or brushed the surface. Thin the first coat with 10% water. Apply a second coat of pure product.

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

Thoroughly remove old paint coats and proceed as for non-prepared 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.

Contains: BCM, IPU, IPBC, Terbutryn to protect the initial properties of the treated article.

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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.*