

TITAN WATER BASED MULTI PURPOSE PRIMER

Indoor - Outdoor



Product Code: ----

Description

Anticorrosive quick-drying water-based primer for all kinds of surfaces. Excellent adhesion primer coat for a great variety of previously painted or bare surfaces.

Total guarantee against corrosion (according to UNE EN ISO 9227), as certified by external laboratory test.

Fields of Application

Protection against rust on iron surfaces. Adhesion primer for surfaces such as: galvanised (zinc plating), aluminium, steel, brass, copper, hard PVC, methacrylate, expanded polyurethane, melamine and tile. Excellent sealer for wood and MDF, for obtaining lacquered finishes.

Good sealer for stains on walls and ceilings indoors. It fixes the stains and prevents them from migrating to the top coat surface. Effective treatment for stains of markers, pencils, coffee, grease and nicotine.

Technical Data

Product Type	Acrylic
Finish	Matt
Colour (UNE EN ISO 11664-4)	White
Density (UNE EN ISO 2811-1)	1.25 - 1.30 Kg/l
Coverage	8 - 12 m ² /l
Drying at 23°C 60 % RH (UNE 48301)	30 - 60 minutes
Recoat time at 23°C 60% RH (UNE 48283)	6 - 8 hours / 24 hours if overcoated with two-component epoxy and polyurethane products.
Methods of Application	Brush, roller and spray-gun
Equipment Cleaning	Water
Recommended Thickness (UNE EN ISO 2808)	Non ferrous metals: 30 - 35 μ (1 coat) Ferrous metals: 70 - 80 μ (2 coats)
Application Temperature, RH<80%	+10°C - +30°C
Tinting	TITAN Universal Tinting Colours. However, for high anticorrosive performance, it is recommended not to stain it.
Volume Solids (UNE EN ISO 3233-3)	42 - 46 %
VOC (UNE EN ISO 11890-2)	2.004/42IIA (i) (140/140) Max. COV 100 g/l
Pack sizes	4 l, 750 ml

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

Certificates

UNE EN ISO 9227: 2012: Excellent performance against corrosion in a salt spray chamber, on steel, after 250 hours of testing. Blistering degree: 0 (S0) Corrosion degree: Ri 0 Cracking degree: 0 (S0) Flaking degree: 0 (S0)
Reaction to Fire UNE EN 13501-1: B-s1, d0 / on substrate A1

Directions for use

GENERAL REMARKS:

Thoroughly stir the contents in the pack. The surfaces to be primed have to be clean and dry, as well as free from grease and rust.

BARE SURFACES:

Steel: Remove rust by means of a wire brush or sandpaper. Remove grease, dust and rust residue. Indoors: Apply 1 coat of TITAN Water-Based Multi-Purpose Primer. Outdoors: 2 coats.

Galvanised (zinc plating), PVC, brass, aluminium, copper and tile: Wash with water and ammonia detergent. Softly sand to improve adhesion. Apply 1 coat of primer. In humid environments and outdoor surfaces: apply 2 coats of primer.

Wood: Sand wood following the wood grain, thoroughly clean the surface, remove all resins or resin secretion on the surface and smooth up sharp edges. Apply 1 or 2 coats, depending on absorption or if the surface is submitted to weathering. Softly sand between every two coats if a smooth finish is required. For wood outdoors, previously apply TITANXYL Lasur Water-Based Undercoat.

MDF: Apply 2 coats. Softly sand between them. Finish with any TITAN enamel. It allows obtaining lacquered finishes, with no fibre roughness.

Previously coated surfaces: If old coats are in good condition, degrease and apply TITAN Water-Based Multi-Purpose Primer. Softly sand to improve adhesion.

In all cases, if TITAN Water-Based Multi-Purpose Primer is not overcoated by 7 days, it is advisable to softly sand to enhance the topcoat adhesion.

As a stain sealer: Apply a first coat onto the affected area to fix the stain. For persistent stains, apply a second coat. Please note that these coats fix the stain but do not hide it. The full opacity is achieved with the finishing paint. If the stained area is very large, it is preferable to use our A17 Water Based Aislisol.

MAINTENANCE OF PREVIOUSLY COATED SURFACES IN POOR CONDITION:

Thoroughly remove all previous coats 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.

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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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