

# TITANLUX WATER-BASED ECO-FRIENDLY ENAMEL

Indoor - Outdoor. Matt



Product Code: 02T

## Description

Multi-surface enamel. Premium quality and universal use. Decorates and protects the surface with one single coat. Contains anti-mould preservative. Permanent non-yellowing white. Pure lightfast colours. Non-damaging for people and the environment. Easy to apply, non-smell, very fast drying and overcoating with professional finishes. This allows using the surface just a few hours after application. Great resistance to household cleaning products, to stains (coffee, wine, sauces, oil ...), wear and tear, impacts and weathering. Does not leave brush marks. 0% aliphatic and aromatic solvents, 0% methyl ethyl ketoxime and 0% heavy metals.

Writing board effect for traditional soft chalk. Hard chalk (also called anti-dust) can scratch the surface. The best cleaning of the surface is achieved with a slightly damp cloth.

New technology that guarantees premium performance of resistance, hardness, durability, flexibility and washability of the product.

## Fields of Application

For the protection and decoration of any surface in your home both indoors and outdoors (metal, wood, PVC, melamine, porous ceramics, surfaces previously painted ...) Furniture, doors, windows, radiators, garden furniture, machinery...

Ideal for DIY because of its easy and excellent results.

Writing board effect for traditional soft chalk. Hard chalk (also called anti-dust) can scratch the surface. The best cleaning of the surface is achieved with a slightly damp cloth.

TITANLUX Water-Based Eco-Friendly Satin Enamel meets the requirements of the ECOLABEL standard, A+ Quality of the Air and Reaction to the Fire. Furthermore, it fulfils the Safety of toys UNE EN 71-3 Standard that allows its application in toys and children furniture.

Therefore, its use is recommended in health centres, nurseries, hotels and all those areas or furniture submitted to heavy use.

## Technical Data

<b>Product Type</b>	Acrylic
<b>Finish</b>	Matt
<b>Colour (UNE EN ISO 11664-4)</b>	Black and colours
<b>Density (UNE EN ISO 2811-1)</b>	White: 1.31 - 1.33 Kg/l, Colours: 1.10 - 1.32 Kg/l
<b>Coverage</b>	10 - 14 m <sup>2</sup> /l
<b>Drying at 23°C 60 % RH (UNE 48301)</b>	Touch dry: 15 - 30 minutes
<b>Recoat time at 23°C 60% RH (UNE 48283)</b>	2 - 4 hours
<b>Methods of Application</b>	Brush, microfibre/foam roller (*) and spray-gun
<b>Thinner</b>	Water
<b>Application Temperature, RH&lt;80%</b>	+10°C - +30°C. Do not apply if rain is foreseen in the next hours.
<b>Tinting</b>	TITAN Universal Tinting Colours
<b>Volume Solids (UNE EN ISO 3233-3)</b>	36 - 40 %
<b>VOC (UNE EN ISO 11890-2)</b>	2.004/42IIA (d) (150/130) Max. COV 75 g/l.

**Pack sizes**

White: 4 l, 2,5 l, 750 ml and 250 ml / colours: 2,5 l (Black), 750 ml and 250 ml (depending on colour)

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

## Certificates

Reaction to Fire UNE EN 13501-1: B-s1, d0

Determination of the covering power UNE EN ISO 6504/3: 11.81 m<sup>2</sup> / l (98% Covering power)

VOC emission ISO 16000-6: A +

Cross cut test ISO 2409: Carbon steel: 0 / Galvanized: 0 / PVC: 0 / Aluminum: 0 (100% adhesion)

Permeability to liquid water UNE EN 1062-3: W3 (Low) Waterproof

Permeability to water vapor UNE EN ISO 7783: V2 (Medium)

Safety of toys. Migration of certain elements UNE-EN 71-3: Compliant.

## Directions for use

### GENERAL REMARKS:

Thoroughly stir the contents in the pack. The surfaces to be painted have to be clean, dry and suitably primed.

Remove all existing rests of dirt, grease, poorly adhered rust and previous coatings by using thinner or paint stripper, depending on requirements.

(\*)To obtain a perfect finish in roller application, firstly use a microfibre roller to discharge the paint on the surface and get a good covering. Immediately afterwards, go over with a "0" foam roller to obtain a smooth and very uniform surface.

### BARE SURFACES:

Wood: Sand following the wood grain, thoroughly clean the surface, remove all resins or resin secretion and smooth up sharp edges. Apply a base coat of TITAN Water-Based Multi-Purpose Primer or Water-Based Sealing Primer (outdoors). In wood with knots or with high

content in tannins, use TITAN Water-Based Multi-Purpose Primer, to avoid colour irregularities in the subsequent layers. In woods outdoors, previously apply Titanxyl Lasur Fondo Ultra.

Steel: For indoor application, if there is no moist, directly apply TITANLUX Water-Based Eco-Friendly Matt Enamel. For outdoor application, previously prime the surface with two coats of TITAN Water-Based Multi-Purpose Primer. For indoor application, one single coat of primer will be enough.

Non-ferrous metals (aluminium, galvanized, etc.), on clean and suitably primed surfaces, directly apply TITANLUX Water-Based Eco-Friendly Matt Enamel.

Melamine: Apply directly. The light sanding of these surfaces improves adhesion.

Porous tile, hard PVC, expanded polystyrene, methacrylate and cork: Directly apply TITANLUX Water-Based Eco-Friendly Matt Enamel.

Plaster: It is advisable to homogenize the surface absorption with Hidrolin Water-Based Fixative or TITAN Water-Based Multi-Purpose Primer.

Painted surfaces: Excellent adhesion on 2-component or alkyd enamels. The light sanding of these surfaces improves the adherence.

Other surfaces: Please seek advice.

In all cases, apply a full coat of TITANLUX Water-Based Eco-Friendly Matt Enamel. The light sanding of these surfaces improves the adherence. Depending on the previous surface colour tonality of the background or the chosen shade, a second coat of enamel may be required.

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

Wash, lightly sand and directly apply 1 or 2 coats of TITAN Water-Based Eco-Friendly Matt Enamel.

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

Completely 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.

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

Issue date: 2021-04

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.



Akzo Nobel Coatings, S.L.U – Carrer Feixa Llarga, 14-20 - Pol. Ind. Zona Franca 08040 Barcelona  
(Espanya)  
Teléfono 934 842 500  
Ins. Reg. Mer. de Barcelona T. 47631, F- 95, H. nº B-45052, Inscrp. 210  
N.I.F. B-08218158



02T - TITANLUX WATER-BASED ECO-FRIENDLY ENAMEL