

# DECORATION SYNTHETIC VARNISH SATIN

Indoor - Outdoor



Product Code: M11

## Description

Alkyd satin varnish for wood. Based on a high solid technology. Quick drying. Exceptional transparency that does not alter the tones and contrasts of the wood graining. High elasticity. High wear and wash resistance.

## Fields of Application

For the decoration and protection of all kinds of natural or stained wood structures: furniture, doors, cupboards and panelling.

## Technical Data

<b>Product Type</b>	Modified alkyd with high solid content
<b>Finish</b>	Satin
<b>Colour (UNE EN ISO 11664-4)</b>	Clear and colour range
<b>Density (UNE EN ISO 2811-1)</b>	0.92 - 0.97 Kg/l
<b>Coverage (UNE 48282)</b>	11 - 15 m <sup>2</sup> /l
<b>Drying at 23°C 60 % RH (UNE 48301)</b>	4 - 6 hours
<b>Recoat time at 23°C 60% RH (UNE 48283)</b>	18 - 24 hours
<b>Methods of Application</b>	Brush, roller and spray-gun
<b>Equipment Cleaning</b>	White Spirit or Odourless Thinner
<b>Application Temperature, RH&lt;80%</b>	+10 °C - +30 °C
<b>Flash Point (UNE EN ISO 3679)</b>	40 °C
<b>Volume Solids (UNE EN ISO 3233-3)</b>	49 - 51 %
<b>VOC (UNE EN ISO 11890-2)</b>	2.004/42IIA (e) (500/400) Max. VOC 400 g/l.
<b>Pack sizes</b>	4 l, 750 ml and 250 ml

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: C-s1, d0 / On MDF substrate B-s1, d0

## Directions for use

### GENERAL REMARKS:

Thoroughly stir the contents in the pack. The surfaces have to be smooth (sanded), degreased, clean and dry.

Apply by thin coats. Lightly sand between every two coats.

The wood moisture content must not exceed 12% in hard wood and 15% in soft wood.

Do not varnish under strong sunlight or with dew drops.

#### **BARE SURFACES:**

Sand the wood following the wood grain. Clean the surface, remove resin or resin secretion and smooth up sharp edges.

Old bare Wood: It is essential to entirely remove the dried out, greyed surface by sanding or surfacing thoroughly until the wood in good condition is exposed.

Indoor wood: Apply 2 coats.

Outdoor wood: For improving the wood protection, apply one coat of Titanxyl Total Protection Ultra or Titanxyl Lasur Undercoat Ultra. Finish with 2 coats of Decoration Synthetic Varnish.

For restoring indoor wood with woodworm problems, apply one coat of Titanxyl Woodworm Treatment Plus, in case of mould apply a base coat of Titanxyl Total Protection Ultra or Titanxyl Lasur Undercoat Ultra.

The shade and intensity of the topcoat look depend on the wood type, original colour and thickness as well as on the number of applied varnish coats. If the required shade is obtained with the first stained coat, finish with further clear coats.

Resinous and tropical wood: Drying can be difficult. Thoroughly degrease the wooden surface with TITAN Yate Thinner to remove resin.. Apply one varnish coat on a small area. Check if there is resin exudation. If this is the case, please refer to the Technical Service. If there is no resin exudation, finish with 2 - 3 coats of Decoration Synthetic Varnish.

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

Softly sand, dust off and apply 1 or 2 coats depending on the surface condition.

When old varnish coats are catalyzable or polyurethane-based, it is necessary to thoroughly sand the surface for removing them.

#### **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.

Issue date: 2020-11

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**

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