

# POLYURETHANE+ACRYLIC VARNISH

Indoors - Outdoors. Gloss

**TITAN**



Product Code: 07A

## Description

Two-component gloss varnish, formulated with acrylic polyol with a high cross-linking degree and aliphatic isocyanate with UV filters. Resistant to the action of chemical agents, such as grease, petrol and gas-oil, especially in marine environments. Hard-wearing. High elasticity. Gloss retention. High resistance to wear and washes. Non-yellowing.

## Fields of Application

In- and outdoor use, for the protection of wooden surfaces such as teak, pinewood or fibreboard, in marine environments and over the waterline.

## Technical Data

<b>Product Type</b>	Acrylic polyol catalyzed with aliphatic isocyanate
<b>Finish</b>	Gloss
<b>Colour (UNE EN ISO 11664-4)</b>	Clear
<b>Density (UNE EN ISO 2811-1)</b>	0.97 - 0.99 Kg/l
<b>Coverage</b>	14 - 16 m <sup>2</sup> /l
<b>Drying at 23°C 60 % RH (UNE 48301)</b>	3 - 4 hours
<b>Recoat time at 23°C 60% RH (UNE 48283)</b>	12 - 24 hours
<b>Mixing Rate</b>	Base: 4, Hardener: 1
<b>Pot Life at 23°C</b>	4 - 8 hours
<b>Methods of Application</b>	Air Spray-gun, Roller, Brush
<b>Thinning</b>	Air Spray-gun: 10 - 20%. Brush and roller 3 - 5%.
<b>Thinner</b>	TITAN YATE Thinner
<b>Recommended Thickness (UNE EN ISO 2808)</b>	75 - 110 µ dry film
<b>Flash Point (UNE EN ISO 3679)</b>	35 °C
<b>Volume Solids (UNE EN ISO 3233-3)</b>	45 - 47 %
<b>Pack sizes</b>	750 ml.

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

## Directions for use

### GENERAL REMARKS:

The surface has to be sanded, clean, dry and free from salt (wash it). Do not varnish either with direct sunlight or with dew.

## BARE SURFACES:

Thin the first coat with 20 - 30% TITAN YATE Thinner.

Hard wood, teak, iroko, or tropical wood: Thoroughly wash the surface with TITAN YATE Thinner (to remove resin). Wait 24 hours to see if there is any resin exudation or delay in the varnish drying. If this is the case, wash again with TITAN YATE Thinner. Sand between coats. Finish with 2 - 3 unthinned coats of TITAN YATE Polyurethane Varnish.

## MAINTENANCE OF PREVIOUSLY COATED SURFACES IN GOOD CONDITION:

Thoroughly remove old varnish in poor condition. Sand to matt old but well adhered varnish and apply 2 - 3 unthinned coats of TITAN YATE Polyurethane + Acrylic Varnish.

## MAINTENANCE OF PREVIOUSLY COATED SURFACES IN POOR CONDITION:

Thoroughly remove old varnish in poor condition by sanding, brushing or with TITAN Plus Paint-Stripper until obtaining a wooden surface in good condition. After that, 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.

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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.



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

