

POLYURETHANE VARNISH FOR FURNITURE AND WOODEN FLOORS

Indoor - Outdoor. Gloss



Product Code: M18

Description

Two-component varnish. Very hard and elastic. Excellent gloss retention and resistance to weathering, wearing, washes and chemicals (grease, petrol, gas-oil, etc.). Non yellowing.

Fields of Application

Indoors and outdoors. Ideal for protection of surfaces made of noble and exotic wood (pine, teck...), cork, in high wearing conditions or where an excellent appearance must be kept (bar counters, wood floors, worktops, balconies, chairs, doors, ...) It can also be used on glass-fibre, stone and porous tiles.

Technical Data

Product Type	Acrylic polyol and aliphatic isocyanate
Finish	Gloss
Colour (UNE EN ISO 11664-4)	Clear
Density (UNE EN ISO 2811-1)	0.95 - 1.00 Kg/l
Coverage (UNE 48282)	11 - 15 m ² /l
Drying at 23°C 60 % RH (UNE 48301)	5 - 7 hours
Recoat time at 23°C 60% RH (UNE 48283)	18 - 24 hours
Mixing Rate	Base: 4 parts. Hardener: 1 part
Pot Life at 23°C	4 - 8 hours
Methods of Application	Brush, roller and spray-gun
Equipment Cleaning	TITAN Yate Thinner
Application Temperature, RH<80%	+10°C - +30°C
Flash Point (UNE EN ISO 3679)	38.5 °C
Volume Solids (UNE EN ISO 3233-3)	43 - 45 %
VOC (UNE EN ISO 11890-2)	2.004/42IIA (j) (550/500) Max. VOC 500 g/l
Pack sizes	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

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.
Wait 24 hours before stepping on the surface.

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. The drying interval between every two coats has to be 12 - 24 hours. Sand to matt between every two coats.

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 Polyurethane Varnish for Furniture and Wooden Floors.

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.

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 Polyurethane Varnish for Furniture and Wooden Floors.

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: 2020-10

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

INDUSTRIAS TITAN S.A.U.
España: P. I. Pratenc, c/ 114, 17-19 - 08820 El Prat de Llobregat- T. +34 93 479 74 94
Portugal: Rua Fonte Cova, 51 - 4475-031 Maia
Endereço Postal: Apartado 2020 - 4476-909 Castelo da Maia
T. +351 229 865 450 - F. +351 229 810 764



M18 - POLYURETHANE VARNISH FOR FURNITURE AND WOODEN FLOORS