

DESCRIPTION

High quality varnish, based on hydroxylated alkyd resins that polymerizes and cross-links with isocyanates, especially suitable for levelling wood. It has high gloss, hardness, resistance to moderately aggressive agents (hot water, alcohol, detergents, etc.) and filling power, which allows to obtain excellent finishes. Usually indicated for indoors. Due to its excellent gloss characteristics, hardness and physicochemical resistance, this varnish is indicated on the varnishing of furniture in general and wood such as, doors, panelling, counters, kitchen furniture, etc. Great resistance to water, alcohol, wine. It is also resistant to hot water until 100°C, and to dry temperatures until 100°C, without yellowing. Allows for wet cleaning, with non-abrasive neutral detergent without deterioration of film appearance. However, it is not suitable for the varnishing of floors and pavements.

SUPPLY FORM

2

RECOMMENDED THINNER

THINNING

Diluyente PU Timilac or **Diluyente PU Retardador**

Conventional Spray – until 5 % if necessary

Airless Spray – until 5% if necessary

PHYSICAL DATA

COLOUR

Colourless

FILM ASPECT

Gloss

Gloss / Semi-Gloss / Matt

SPECIFIC GRAVITY

0.960 ± 0.050 g/cm³

VISCOSITY

85 - 95 KU

SOLIDS BY WEIGHT

43 % - Theoretical value

DRYING TIME

Touch dry

1 to 2 hours

Total dry

24 hours

APPLICATION DATA

SURFACE PREPARATION

The wood surfaces where it is intended to be applied this varnish, must be prepared with two or three coats of **Tapa Poros Timilac** and sanded with P-320 grit sandpaper. Remove all dust, grease and other contaminants in order to that the surface to be varnished is clean and dry.

MIXING FORMULATION

This product is formed by two components, which must be mixed in the volume ratio of 2 parts of **Timilac Varnish** with 1 part of **Endurecedor P/ Timilac Varnish**, immediately before application. The mixture must be suitably homogenised and then thinned with **Diluyente PU Timilac**, according to the application process. After mixing the components wait about 5 – 10 minutes, for the release of foam and reaction products. Only after start its application. The mixture has a pot-life of 3 to 4 hours.

APPLICATION METHOD

Conventional spray, airless spray and brush

RECOMMENDED FILM THICKNESS

Apply a weight of 130 to 150g/ m² per coat

THEORETICAL COVERAGE

8 to 10 m²/L/Per coat. Theoretical coverage may vary, depending on the type, absorption and porosity of the wood.

INTERVAL BETWEEN COATS (repainting)

Minimum – 4 to 5 hours

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UTENSILS/TOOLS CLEANING

The utensils/tools must be cleaned with **Diluyente PU Timilac** or **Diluyente Celuloso** immediately after the application.

ENVIRONMENTAL CONDITIONS DURING APPLICATION

Ambient Temperature	≥ 5 °C
Relative Humidity	≤ 90 %
Surface Temperature	2 to 3 °C above dew point

SHELF LIFE

When stored inside in original containers and sheltered from sunlight and cold at temperatures between 5 and 40 °C, the product has a shelf life of 3 years after its date of manufacture.

The leftovers of hardener contained in incomplete packs have a very short shelf life, because they react with the moisture present in the air.

OBSERVATIONS

As this product is a reactive varnish, the hardening in depth and the maximum hardness are only achieved after 3 to 4 days, since the last coat.

Do not apply the **Timilac Varnish** without the **Tapa Poros PU Timilac** being completely dry and properly sanded.

Do not apply **Timilac Varnish** on very humid or cold days. Humidity may cause "peeling" and the cold can cause delays in the hardening time of the film, weakening it.

To avoid waste of product, prepare, each time, only the amount of mixing required to work at maximum 1 to 2 hours.

HEALTH, SAFETY AND ENVIRONMENT

In general, avoid contact with eyes and skin; gloves, goggles and appropriate clothing must be worn. Keep out of the reach of children. Use only in well ventilated areas. Do not empty into drains. Keep the container properly sealed and stored in the correct place. Take correct measures when transporting the product; Prevent any accident or incident that may occur during transportation, in particular the rupture or deterioration of the packaging. Ensure that the container is correctly stacked in a safe area. Do not store or use the product in extreme temperature conditions always between 5 and 40 °C. Always take account of the appropriate legislation relating to the Environment, Hygiene, Health and Safety at Work. For more information, it is essential to read the label on the container and the product Material Safe Data Sheet.

Under the terms of the Directives 2010/75/EU and 2004/42/EC, this product can be used without restriction in processes carried out in a registered or authorised plant. Small plants are not able to apply this product for the coating of any building components.

NOTE: RESERVED FOR PROFESSIONAL USERS

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