



TIMISOALHOS – Gloss Floors Varnish (1C)

DESCRIPTION

Verniz Timisoalhos is a varnish based on a single component polyurethane resin which hardens by action of air humidity. It is a product with balanced properties, providing a good quality finish with high hardness and chemical resistance. It is recommended as a varnish for the protection and decoration of wood floors, in varnishing or re-varnishing indoor wood floors. It has excellent chemical resistance (namely to some organic solvents) and resistance to high temperatures around 100°C.

PROPERTIES

- Great ease of application and levelling
- Good gloss retention
- Good abrasion resistance and chemical
- Good hardness

PHYSICAL DATA

COLOUR		Colourless
FILM ASPECT	Gloss	Gloss
SPECIFIC GRAVITY		0.985 ± 0.030 g/cm ³
VISCOSITY		85 ± 15" Ford IV
SOLIDS BY WEIGHT		40 % – Theoretical Value

APPLICATION DATA

SURFACE PREPARATION

Since the varnish does not cover imperfections, on the contrary, it emphasizes them, it is important the attention given to the preparation of the surface, depending on that, the good results of the final finish.

The floors to be varnished must be suitably scraped and cleaned of all contamination and, in the case of floors which have been previously waxed, ensure a complete removal of wax, since any trace remaining will affect the adherence and the final appearance of **Verniz Timisoalhos**.

New woods – The surface must be clean, dry, free of dust, grease, and other contaminants. Sand the wood in the direction of the fibers with medium grain paper sandpaper (120 to 180).

Previously varnished woods – Scrape carefully if the previous varnish is degraded. Proceed as for “new woods”. In cases where there is no visible breakdown of the previous varnish, the surface must be carefully sanded to ensure a better adherence, followed by the removal of dust, grease and other contaminants that may exist.

APPLICATION METHOD

Brush or short-pile roller

THINNING

Thin with 5% of **Diluyente Timisoalhos**

THEORETICAL COVERAGE

8 to 10 m²/L/Per Coat

DRYING TIME

Touch dry – 6 to 8 hours
Overpainting – At least 12 hours

APPLICATION

Apply 3 coats of **Verniz Timisoalhos**, sanding between coats with 220 grit sandpaper to improve the final appearance of the varnish.

UTENSILS/TOOLS CLEANING

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

This technical data sheet is merely of an advisory nature, based on current technical know-how, for guidance, and may be changed without prior notice. As the conditions are beyond our control, the company cannot under any circumstances be held responsible for the obtained final results in its use.



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ENVIRONMENTAL CONDITIONS DURING APPLICATION

Ambient Temperature	≥ 5 °C
Relative Humidity	≤ 70 %
Surface Temperature	2 to 3 °C above dew point
Surface Humidity	Between 8 and 12 %

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.

OBSERVATIONS

The hardness and abrasion resistance of this varnish is only revealed on the film after about 5 days of drying.

Over resinous (oily) woods such as Cambala, Teak, Cedar, etc., there may be delay or total impediment in the drying of the varnish. In such cases, a pre-test must be carried out prior to the application of “**VERNIZ TIMISOALHOS**”.

Floating floors with original varnishing have very reduced wood thickness and are coated with very high hardness varnishes. In this case it is necessary to make a very efficient but precise sanding to guarantee perfect adherence between coats without damaging the floor. Due to the difficulty in making a surface preparation of this kind, the **Verniz Timisoalhos** is not recommended for varnishing of floating floors.

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.

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