



# COPAL VARNISH

## PRODUCT DESCRIPTION

A quality long oil alkyd based varnish.

## PRODUCT FEATURES

Varnish is formulated to provide years of beauty & protection to all wood surfaces. It can be converted to exterior application with the incorporation of U.V. protection agents & active agents to prevent the destructive growth of fungi e.g. woodrot, blue stain etc.

## TECHNICAL INFORMATION

Colour: Clear, see standard range of colours  
Appearance: Gloss surface finish  
Generic type: Long oil alkyd  
Volume solids:  $\pm 35\%$   
Viscosity: 35 seconds (Ford cup no. 4)  
DFT: 25 – 35 microns  
Spreading rate: 9 – 12 m<sup>2</sup> per litre  
Solvent: Mineral Turpentine  
Mix ratio: Single pack ready for use  
Packaging: 1, 5 & 20 litre & 200 litre on request

## SURFACE PREPARATION

Wood surfaces must be firm, dry, clean & free of polish, wax & oils, etc. Degrease to remove wax, oils, etc. For general cleaning, wipe down with Lacquer Thinners. Remove paint & varnish with Paint Stripper, then wash down with Lacquer Thinners.

## APPLICATION

Stir contents thoroughly prior to using. If pigmented, ensure colour is suitable. Dilute the first coat with 20% Mineral Turpentine. Allow to dry for 24 hours at 25°C, sand lightly & apply 2 further coats diluted with 10% Mineral Turpentine. Allow 12 hours drying time between coats.

Conventional spray: 20% dilution recommended. Use Mineral Turpentine.  
Air pressure: 2 – 3 bar  
Nozzle orifice: 1.5 – 2mm

Brush and Roller: Use as recommended

Clean up: Use Mineral Turpentine or Lacquer Thinners

## ENVIRONMENT

It is recommended that application be confined to the following:

Surface temperature: Min. 5°C Max. 45°C

Ambient temperature: Min. 5°C Max. 45°C

Relative humidity: Min. 0% Max. 85%

Or at least 3°C above Dew point

Pot life: Infinite. Air drying after evaporation of thinners. Do not leave container open.

## DRYING TIME

The drying time is dependent on temperature & ventilation. The higher the temperature & the better the ventilation, the shorter the touch dry & hard dry times.

<i>Substrate Temperature</i>	<i>Touch Dry</i>	<i>Hard dry</i>
25°C	3 hours	16 hours

## OVERCOATING TIMES

10°C: 24 hours

15°C: 20 hours

20°C: 16 hours

25°C: 12 hours

All of the above are given as guidelines only & can not be assumed to be absolute, as variances will result from different film thickness, environment & temperature.

## STORAGE AND HANDLING

Store away from direct sunlight, open flames and severe cold.

Shelf life: 1 year in original sealed containers.

Flash point: 24°C

## LIMITATIONS

Application in excess of 35 microns DFT should be avoided to prevent wrinkling.

## SAFETY PRECAUTIONS

Work with PVC gloves & safety glasses. Ensure good ventilation. When spraying with varnish, work in well ventilated area & wear a suitable respirator. This product contains flammable materials. Keep away from sparks, open flames & no smoking should be permitted in the area.

KEEP OUT OF REACH OF CHILDREN.

Information Provided is based on Laboratory evaluations and data believed to be reliable.  
Recommendations are given in good faith but without warranty. It is the user's responsibility to determine the suitability for their own use.  
It is not to be considered a guarantee of the products properties.

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