

ISSUE: EXPORT PRODUCT - 144 / 0310

**QUICK DRYING
OIL BASED VARNISH****WATER-REPELLENT
CLEAR FINISH****PROTECTS AGAINST
WATER INGRESS****Description:**

LANGLOW COPAL VARNISH is an oil-based, water repellent wood treatment suitable for use on all types of soft and hardwood timber structures and such as doors, frames, sills, chairs, tables, window boxes and stair rails, improving appearance and imparting refreshing soft-sheen finish, which can be readily cleaned and maintained for years after treatment. With added UV light absorbers, LANGLOW COPAL VARNISH will provide optimum performance and protection to preserve the natural beauty and features of the timber in areas of high sun exposure.

Preparation:

Ensure all timbers are structurally sound, dry and free from surface deposits and old worn coatings. Children and pets should also be kept away from treated timbers until they are completely dry. To get the full benefit of this treatment, timbers previously treated with polish, varnish or a surface sealer should be weathered and stripped back to bare wood before applying with this product. Prior to applying LANGLOW COPAL VARNISH timbers should be completely dry and free from absorbed moisture. (The moisture content should not exceed 18% prior to coating). Resinous deposits should be removed. Application should only proceed in a dry environment where the wood can be protected from rainfall within 24 hours after application. As with all translucent coatings, the final colour and sheen are dependent on a number of factors, including the timber species, colour and cut, and the presence of any existing coating. A trial application is recommended prior to the commencement of work.

Application:

LANGLOW COPAL VARNISH can be applied by brush, working with an even coating action over all areas of the timber to achieve a regular consistent finish. The application of repeat consecutive coats, building up in thin layers to achieve a more pronounced sheen finish can be used, however ensure each previous coat is dry before applying the next treatment. Avoid over applying the product in a single coat as this will cause surface saturation and may lead to prolonged drying. Excess varnish should be wiped clear to ensure a thin even layer is applied with each coat. Drying times will depend greatly upon timber porosity, temperature and humidity and care should be taken to avoid contact with treated surfaces until they are thoroughly dry to the touch. Generally on a hardwood teak smooth finish at a temperature of about 20°C, one coat of Teak oil evenly applied will take about 6-8 hours to be touch dry and will be re-coatable after 12-18 hours.

Note: Drying times are dependent upon absorption of substrate and drying conditions. At low temperatures and / or conditions of high relative humidity, drying times will be extended. Do not apply if there is a risk of rain, or when air / substrate temperatures are below 5°C or above 30°C, or if the relative humidity is above 65% during application or drying periods. Protect from frost and rain until dry. Failure to meet these requirements may adversely affect the drying, visual quality and durability of the finish.

LANGLOW COPAL VARNISH can be removed from brushes or surrounding surfaces by washing with WHITE SPIRIT, or LANGLOW BRUSH CLEANER.

Coverage:

Depending upon the texture and porosity of the timber, LANGLOW COPAL VARNISH when applied as a thin single coat on a smooth hardwood surface will cover at the rate of about 1 litre per 12-15m² per litre on smooth planed timber. This figure is intended as a guide. The actual coverage will depend on a number of factors, including timber species, surface condition, moisture content, method of application and climatic conditions during application.

HEALTH & SAFETY:

This product is classified as FLAMMABLE; HARMFUL and DANGEROUS FOR THE MARINE ENVIRONMENT

Toxic to aquatic organisms, may cause long term adverse affects in the aquatic environment;

Keep out of reach of children

Keep away from food, drink and animal feeding stuffs;

Wash hands and exposed skin, before meals and after use.

Wash splashes from skin and eyes immediately; Keep in original container tightly closed, in a safe place.

NOTE: Repeated exposure may cause skin dryness and cracking.

Wear suitable rubber or PVC gloves and overalls at all times when handling and applying this product.



**DANGEROUS FOR
THE ENVIRONMENT**

Storage & Packaging:

LANGLOW COPAL VARNISH is available in 1 litre, 2.5 litre, 1 US Gallon, 5 litre, 25 litre & 205 litre drums.

Store in cool, well-ventilated conditions and do not expose to extreme temperatures or sources of ignition.

Should further more specific technical information be required, contact the Palace Technical help-line on 0151 486 6101.

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