



POLYURETHANE VARNISH

PRODUCT DATA SHEET

A good quality polyurethane modified alkyd resin based varnish for wood, available in GLOSS and SATIN finish.

POLYURETHANE VARNISH is a single pack, general purpose decorative and protective coating with a high degree of performance on all types of wooden surfaces. It is easy to apply, has excellent flow properties and dries rapidly to give a durable washable dry film which enhances the natural appearance of the wood.

USAGE

- On interior wood such as beams, panels doors, windows frames, skirting, hand rails, furniture, decorative objects, etc.
- On exterior wood not permanently exposed to direct sunlight. It is recommended to use the tinted varnish for exterior wood.
- For varnishing parquet in areas such as living rooms, bedrooms where hard wear and tear properties are not required.

PHYSICAL DATA

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|-----------------------------|-----------------------|--------------|
| • Product Code : | 2313 (Gloss) | 2314 (Satin) |
| • Finish : | Gloss, Satin. | |
| • Colour : | Clear. | |
| • Consistency : | Low viscosity liquid. | |
| • Specific Gravity : | 0.90 | |
| • Volume Solids : | 42% (approx.) | |
| • Flash Point : | 38 ° C (Closed cup) | |
| • Shelf Life : | 12 months | |
| • Packing : | 20 L, 5 L, 2 L, 1 L | |

Paints should be stirred before use and occasionally whilst in use.
Contact your supplier for further information

APPLICATION

- **Surface preparation** : See method SP 002.
- **Application method** : Apply two to three coats by roller or brush onto clean, dry surface. Conventional spray application is possible after dilution to required viscosity.
- **Dilution** : Thin down with **TEST BENZIN** as required. On new wood the first coat should be well diluted to ensure good penetration.
- **Spreading rate / Film thickness** : One litre of **POLYURETHANE VARNISH** will cover between 8 and 10 m² of surface in one coat ; at this spreading rate the dry film thickness will vary between 52.5 and 42 microns on a completely smooth, non absorbent surface.
- **Drying time** : Approximately 1 hour to touch dry, **POLYURETHANE VARNISH** can be over-coated after approximately 16 hours.

Note: Certain types of wood contain natural antioxidants, which may retard considerably the drying time of **POLYURETHANE VARNISH**. A typical example is palissander. Applicator is recommended to ensure that **POLYURETHANE VARNISH** dries satisfactorily on the wood onto which it is being applied.

- **Cleaning solvent** : **TEST BENZIN**.
- **Preceding coat** : On new surfaces dilute 4 parts of **POLYURETHANE VARNISH** with 1 part of **TEST BENZIN** for use as a penetrating sealer.
- **Subsequent coat** : Not required.

SAFETY

- **POLYURETHANE VARNISH** is flammable, keep away from ignition source. Do not smoke whilst using.
- Wear adequate protective equipment during application, remove splashes from skin with soap and water. In case of contact with eyes, rinse with ample water and seek medical advice if necessary.
- Ensure good ventilation during application and drying.
- Keep containers tightly closed and away from children.
- A complete Material Safety Data Sheet is available on request.

MAINTENANCE

When exposed to direct sunlight **POLYURETHANE VARNISH** will require regular maintenance; to avoid film deterioration and loss of adhesion, sand down lightly each 8 to 12 months and apply an additional coat.

Surfaces prepared and painted according to specification will provide lasting protection and will facilitate maintenance. Carry out repairs as and when required and wash the surface occasionally; use mild detergent and light scrubbing to remove stains.

These recommendations are meant as a guide, no guarantee is implied since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

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JAN 2002