



BERGER PRODUCT SPECIFICATIONS

BERGER POLYURETHANE VARNISH

Polyurethane Clear Wood Varnish

PRODUCT DESCRIPTION

A single pack, air dry modified polyurethane varnish with clear finish.

- Taint Free.
- Dries to form a hard and tough film.
- Good water and moisture resistance.
- Good flow and levelling properties.
- Resistant to mild chemicals spillage.
- Resistant to hot water spillage.

DESIGN USE

- Designed for painting on wood surfaces such as wood, banisters and etc.
- Recommended for interior and exterior (only for gloss finish) applications.

PHYSICAL DATA

VOLUME SOLIDS	46%
DRY FILM THICKNESS (DFT)	25 µm per coat
WET FILM THICKNESS (WFT)	65 µm per coat
NUMBER OF COATS	1
THEORETICAL COVERAGE	18.4 m ² / litre per coat @ 25 µm dft
FINISH	Gloss / Matt
COLOUR RANGE	Clear
NO. OF COMPONENTS	One
STANDARD PACKING SIZE	1 Litre & 5 Litres

APPLICATION METHOD

Roller	Recommended method of application
Brush	May be used for small areas, inaccessible areas and touch up.

Stir contents of the can thoroughly before use. Thinning is not usually required. However, if thinning is desired, do not exceed the recommended thinning ratio.

DRYING TIME

Substrate Temperature	Touch Dry	Hard Dry	Overcoating Interval	
			Minimum	Maximum
15 °C	45 minutes	7 hours	7 hours	Indefinite
25 °C	30 minutes	4 hours	4 hours	Indefinite
35 °C	20 minutes	3 hours	3 hours	Indefinite

ADDITIONAL INFORMATION

Thinner	Solvalux 7-9
Thinning Ratio	10 % maximum
Cleaning Solvent	Solvalux 7-9
Flash Point	> 32°C
Storage Requirements	Store in a cool, dry area away from direct sunlight.



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SURFACE PREPARATION

The service life span and the service performance of this product are directly related to the degree of surface preparation.

- The surface to be overcoated must be dry and free from surface contaminants.
- Remove grease and stain contaminations by degreasing with a suitable solvent. Allow sufficient time for the solvent to evaporate completely.
- Seal all wood fissures and cracks with a suitable wood sealer to produce a smooth finish.
- Sand down the surface thoroughly to ensure a smooth finish. Remove all dust and residues completely before commencing painting.
- Do not apply this product if the relative humidity exceeds 85% or if the substrate temperature is within 3°C of the dew point temperature.

PRODUCT USE RESTRICTIONS

- This product is designed for use on wooden substrates only.

SAFETY PRECAUTIONS

Avoid contact with eyes and skin. Wear suitable protective clothing such as overalls, gloves and goggles. Use a dust mask if applying by spray.

Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe vapour or spray.

This product is flammable. Keep away from sources of ignition. Do not smoke. Take precautionary measures against static discharge. In case of fire, blanket flames with foam, carbon dioxide or dry chemicals.

FIRST AID

- Eyes** : In the event of accidental splashes, flush eyes with warm water immediately and seek medical advice.
- Skin** : Wash skin thoroughly with soap and water or approved industrial cleaner. Do Not Use solvents or thinners.
- Inhalation** : Remove to fresh air, loosen collar and keep patient rested.
- Ingestion** : In case of accidental ingestion, DO NOT INDUCE VOMITING. Obtain immediate medical attention.

For further safety information, please refer to our **Material Safety Data Sheet (MSDS)**

DISCLAIMER

The information provided on this data sheet is not intended to be complete and is provided as general advice only. It is the responsibility of the user to ensure that the product is suitable for the purpose for which he wishes to use it. As we have no control over the treatment of the product, the standard of surface preparation of the substrate, or other factors affecting the use of this product, we are not responsible for its performance nor would we accept any liability whatsoever or howsoever arising from the use of this product unless specifically agreed to in writing by us. The information contained in this data sheet may be modified by us from time to time, and without notice, in the light of our experience and continuous product development.