

POLYURETHANE VARNISH

PRODUCT DESCRIPTION

A polyurethane modified alkyd based varnish which is hard and tough. For use on interior woodwork to provide a wear resistant finish with good resistance to oil, grease and domestic chemicals. Available in gloss or satin finish.

USES

Excellent for interior areas such as doors and natural wood furniture.

TECHNICAL PROPERTIES

	<u>Gloss</u>	<u>Satin</u>	
Colour	Clear	Clear	
Finish	Full Gloss	Satin	
Curing Agent	n/a	n/a	
Mix Ratio	n/a	n/a	
Specific Gravity	0.89	0.90	
Volume Solids	41%	40%	
Recommended Film Thickness	73µ WFT / 30µ DFT	75µ WFT / 30µ DFT	
Theoretical Spreading Rate	14 m ² /litre	13 m ² /litre	
Application Method	Brush, Roller	Brush, Roller	
Flash Point	39°C	39°C	
VOC	455 g/litre	465 g/litre	
Drying Times	10°C	20°C	30°C
Touch Dry	4 hours	2 hours	1½ hours
Hard Dry	6 hours	4 hours	3 hours
Minimum Overcoat	16 hours	12 hours	10 hours
Maximum Overcoat	Best within 24 hours	Best within 24 hours	Best within 24 hours

CERTIFICATION/APPROVALS

RECOMMENDED SYSTEMS

SURFACE PREPARATION

Ensure surfaces are clean, dry and free from dirt, grease and other contamination.

On new wood, sand surface and dust off.

Apply one coat of varnish thinned 10% with Thinner No.3 and allow to dry.

Lightly sand and dust off before applying 1 or 2 full coats.

Old varnished areas should be stripped well back then treated as new wood.

Re-coat within 24 hours for best adhesion.

PRODUCT APPLICATION

Mixing	Gloss – ready for use. Satin – mix thoroughly before use and periodically during application cycle.
Thinners	Thinner No.3
Brush	Thin with up to 10% Thinner No.3 for application onto new wood. Apply two coats to prepared wood and one coat to previously varnished but sound surfaces.
Roller	Thin with up to 10% Thinner No.3 for application onto new wood. Apply two coats to prepared wood and one coat to previously varnished but sound surfaces.
Conventional Spray	-
Airless Spray	-
Air Assisted Airless Spray	-
Cleaner	Thinner No.3
Cleanup Considerations	All equipment should be cleaned immediately after use with Thinner No.3 It is advisable that equipment should be cleaned/flushed during the course of application, the frequency of which will depend on the volume of material used and timescale over which applied. Ensure all waste materials (including packaging) are disposed of in accordance with local regulations.

HEALTH, SAFETY & ENVIRONMENTAL

This product must be used in accordance with the Material Safety Data Sheet supplied by Spencer Coatings Limited. The user must observe local health, safety and environmental regulations when using this product. Consult Spencer Coatings Limited if there are any concerns over the suitability of this product.

PACK SIZES

1, 2½ and 5 litre

PACK WEIGHTS

Gloss 1 litre : 0.89 kg.
2½ litre : 2.23 kg.
5 litre : 4.4 kg.

Satin 1 litre : 0.9 kg.
2½ litre : 2.25 kg.
5 litre : 4.5 kg.

STORAGE CONDITIONS

Store away from extremes of temperature.

LIMITATIONS

Not suitable in general for external use.
When used in areas of prolonged sunshine, the coating may show signs of darkening.

DISCLAIMER

The information given in these specifications and technical advice - whether verbal, or in writing or by way of trials is for guidance only and is given in good faith, but without warranty. This also applies where proprietary rights or third parties are involved. Any person using Spencer products without first making further enquiries as to the suitability of the products for the intended purpose and testing the products to assess their fitness for the purpose does so at their own risk. The application, use and processing of the products are beyond our control and are therefore your own responsibility, and we can accept no liability for the performance of the products arising out of such use, beyond the value of the goods delivered by us. The information contained in these data sheets is liable to modification from time to time in the light of experience and our policy of continuous development.

It is the user's responsibility to ensure that this sheet is current prior to using the product.