

GENERAL PURPOSE VARNISH

PRODUCT DESCRIPTION

Traditional alkyd based varnish with good weather resistance and flexibility both internally and externally. Product is lead free, non toxic and produces a glossy, durable finish.

USES

On all interior and exterior woodwork either domestic or industrial. Ideal for stained timber, wall boards and maintenance of previously varnished surfaces, and most general varnishing situations.

TECHNICAL PROPERTIES

Colour	Clear		
Finish	Full Gloss		
Curing Agent	-		
Mix Ratio	-		
Specific Gravity	0.88		
Volume Solids	43%		
Recommended Film Thickness	70 μ WFT / 30 μ DFT		
Theoretical Spreading Rate	14 m ² /litre		
Application Method	Brush, Roller, Spray		
Flash Point	39°C		
VOC	445 g/litre		
Drying Times	10°C	20°C	30°C
Touch Dry	5 hours	3 hours	2 hours
Hard Dry	7 hours	5 hours	4 hours
Minimum Overcoat	18 hours	16 hours	14 hours
Maximum Overcoat	Indefinite	Indefinite	Indefinite

CERTIFICATION/APPROVALS

RECOMMENDED SYSTEMS Microflex Range

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. Apply one or two coats unthinned.

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

For maximum protection externally, a pre-coat of either Microflex Transparent or Microflex Opaque can be used to provide a U.V. barrier against the damaging effects of sunlight.

PRODUCT APPLICATION

Mixing	Ready for use.
Thinners	Thinner No.3
Brush	Thin up to 10% with Thinner No.3 for application onto new wood. Apply two coats to prepared wood depending on durability required. Apply one coat to previously varnished but sound surfaces.
Roller	Thin up to 5% with Thinner No.3 for application onto new wood. Apply two coats to prepared wood depending on durability required. Apply one coat to previously varnished but sound surfaces.
Conventional Spray	Thin with up to 5% Thinner No.3 Use 25-35 psi pressure and 1.4-1.8mm diameter nozzle.
Airless Spray	Do not thin. Use tip 0.28-0.38mm, 50-65° angle and 2000 psi pressure.
Air Assisted Airless Spray	Thin with up to 5% Thinner No.3 Use 1000-1500 psi pressure and 1.4-1.8mm diameter nozzle.
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, 5 litre

PACK WEIGHTS

1 litre: 0.88 kg.

2.5 litre: 2.2 kg.

5 litre: 4.4 kg.

STORAGE CONDITIONS

Store away from extremes of temperatures.

LIMITATIONS

Do not apply when RH exceeds 88% or the surface is less than 2°C above dew point.

Drying will be affected in cold conditions.

DISCLAIMER

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