

Perfection Plus Varnish

Varnishes



PRODUCT DESCRIPTION

The ultimate in varnish performance, combining excellent chemical and abrasion resistance with superb gloss. The improved formulation of Perfection Plus Varnish contains UV filters to give it the longest possible life.

- * Up to four times longer service life than conventional 1-part varnishes
- * Fully compatible with oily woods like teak and iroko after adequate degreasing and substrate preparation
- * Chemical cure gives resistance to fuels, oil and mild acids and alkalis

PRODUCT INFORMATION

Colour	YVA950
Finish	High Gloss
Specific Gravity	1.065
Volume Solids	45.30%
Mix Ratio	2:1 by volume (as supplied)
Converter/Curing Agent	YVA951
Typical Shelf Life	2 yrs
VOC (As Supplied)	520 g/lit
VOC (EU Solvent)	488 g/kg EU Solvent Emissions Directive (Council Directive 1999/13/EC)
Unit Size	750 ml

DRYING/OVERCOATING INFORMATION

	Drying			
	10°C (50°F)	15°C (59°F)	23°C (73°F)	35°C (95°F)
Touch Dry	10 hrs	7 hrs	4 hrs	3 hrs
Hard Dry	24 hrs	24 hrs	16 hrs	12 hrs
Pot Life	4 hrs	3 hrs	2 hrs	1 hrs

	Overcoating							
	Substrate Temperature							
	10°C (50°F)		15°C (59°F)		23°C (73°F)		35°C (95°F)	
Overcoated By	Min	Max	Min	Max	Min	Max	Min	Max
Perfection Plus Varnish/Glazecoat (Professional)	24 hrs	4 days	14 hrs	3 days	6 hrs	2 days	4 hrs	1 days

Note: If maximum overcoating interval is exceeded the coating must be sanded with 320-400 grade paper prior to application of Perfection Plus Varnish.

APPLICATION AND USE

Preparation	<p>PREVIOUSLY PAINTED SURFACES</p> <p>In Good Condition Wash down with a suitable detergent, rinse with fresh water and allow to dry. Abrade with 320-400 grade (grit) paper.</p> <p>In Poor Condition Remove all previous coatings and prime the substrate.</p> <p>BARE WOOD Sand smooth with 120 grade paper, followed by 240 and finally 320 grade paper. Remove sanding dust by brushing, dusting and wiping. If wiping with solvent then allow to dry completely before applying the first coat. Prime, if required, with Clear Wood Sealer Fast Dry.</p> <p>If Clear Wood Sealer has been omitted thin the first coat by 20-25% with Thinner No.9.</p> <p>OILY WOODS e.g. Teak Must be adequately degreased (Thinners No.9 is recommended) and prepared prior to application of Perfection Plus Varnish. Ensure the surface is completely dry before applying the first coat. Sand areas that are loose or flaking with 320 grade (grit) paper.</p>
Method	<p>It is recommended that sanding residue is removed prior to overcoating. The use of tack rags and a reputable Wipe Down Solvent can help achieve the required level of cleanliness.</p> <p>BARE WOOD: Thin the first coat by 25% using recommended thinner. Then apply a minimum of 4 full coats.</p> <p>Alternatively apply a minimum of 4 coats of Clear Wood Sealer (first coat thinned by 25%). Then apply a minimum 2 coats of Perfection Plus Varnish.</p>
Hints	<p>Mixing Stir individual products prior to mixing. Mix the base and curing agents of Perfection Plus Varnish together at the</p>

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specified mix ratio. Add curing agent to the base, stir and leave for 10 minutes to allow bubbles to disperse. Avoid using direct from the can. Mix the amount you expect to use in a separate container.

Note: Any initial cloudiness will disappear upon thorough mixing.

Thinner YTA006 Thinners No.9

Thinning Mix base and curing agent first and then thin as required. Thin first coat 20-25% when applied direct to bare wood. Thin other coats as required.

Cleaner YTA006 Thinners No.9

Conventional Spray Do not spray.

Roller Use foam rollers. For best results when applying by roller, smooth off with a pad or brush.

Other When applying Perfection Plus Varnish by brush or roller, it may be necessary to apply multiple coats to achieve the total specified system dry film thickness.

Some Important Points

Apply in dry, well ventilated conditions. Best applied at ambient temperatures of between 15°C and 20°C. Sensitive to moisture during application. Avoid relative humidity levels above 80%. Avoid applying late in the evening as condensation can cause a loss of gloss during overnight cure. Do not apply in direct sunlight. Use above the waterline only.

Compatibility/Substrates

Apply over bare wood or Clear Wood Sealer Fast Dry. Ensure all sanding residues are removed before application of the Perfection Plus Varnish. Will crack on carvel and clinker/lapstrake hulls. Do not use Perfection Plus Varnish on flexible constructions. Do not apply over any conventional, one pack products.

Number of Coats

2 - 5 (First coat thinned). Over bare wood apply 1 thinned coat (25%) + minimum 4 full coats, apply 2 full coats over Clear Wood Sealer Fast Dry.

The number of coats should be increased if applied by roller.

Coverage

(Theoretical) - 13.3 m²/lt

(Practical) - 12.0 m²/lt

Recommended DFT per coat

37 microns dry by brush/roller

Recommended WFT per coat

75 microns wet by brush/roller

Application Methods

Brush, Roller, DO NOT SPRAY

TRANSPORTATION, STORAGE AND SAFETY INFORMATION

Storage

GENERAL INFORMATION:

Exposure to air and extremes of temperature should be avoided. For the full shelf life of this product to be realised ensure that between use the container is firmly closed and the temperature is between 5°C/41°F and 35°C/95°F. Keep out of direct sunlight.

TRANSPORTATION:

Perfection Plus Varnish should be kept in securely closed containers during transport and storage.

Safety

GENERAL: Always use gloves and goggles and keep skin protected with overalls. Users should ensure they have a copy of the Material Safety Datasheet for this product and that they are familiar with all the safety directions before use. Read the label safety section for Health and Safety Information, also available from our Technical Help Line.

DISPOSAL: Do not discard tins or pour paint into water courses, use the facilities provided. It is best to allow paints to harden before disposal.

IMPORTANT NOTES

The information given in this sheet is not intended to be exhaustive. Any person using the product without first making further written enquiries as to the suitability of the product for the intended purpose does so at their own risk and we can accept no responsibility for the performance of the product or for any loss or damage (other than death or personal injury resulting from negligence) arising out of such use. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.