

PRODUCT DESCRIPTION

Fast-drying, high durability polyurethane yacht varnish, with a high gloss finish. Light amber colour allows the natural appearance of the wood to show through.

- * Tough, durable, polyurethane finish is resistant to surface scratches, oil, mild acid/alkali and alcohol spills
- * Fast-drying formulation minimises dust contamination
- * Reduced work-time; apply two-coats per day, sanding every 2-3 coats
- * Contains HALS and UV absorbers to protect the wood and prolong the lifespan of the coating
- * Superior flow and application characteristics ensure a smooth, professional finish
- * Optimised for use in cool or moderate climates
- * Suitable for all internal and external woods, including oily timbers such as Teak and Iroko

PRODUCT INFORMATION

Colour	YVA501
Finish	High Gloss
Specific Gravity	0.9
Volume Solids	42%
Typical Shelf Life	2 yrs
VOC (As Supplied)	453 g/ltr
VOC (EU Solvent)	500.6 g/kg EU Solvent Emissions Directive (Council Directive 1999/13/EC)
Unit Size	375 ml , 750 ml , 2.5 Lt , 5 Lt

DRYING/OVERCOATING INFORMATION

	Drying			
	10°C	15°C	23°C	30°C
Hard Dry [ISO]	6hrs	3hrs	2.5hrs	2hrs
Touch Dry [ISO]	2hrs	45mins	40mins	30mins

	Overcoating Substrate Temperature							
	10°C		15°C		23°C		30°C	
Overcoated By	Min	Max	Min	Max	Min	Max	Min	Max
Compass	10hrs	1mths	8hrs	1mths	6hrs	1mths	4hrs	1mths
Goldspar	10hrs	1mths	8hrs	1mths	6hrs	1mths	4hrs	1mths
Goldspar Satin	10hrs	1mths	8hrs	1mths	6hrs	1mths	4hrs	1mths
Original	10hrs	1mths	8hrs	1mths	6hrs	1mths	4hrs	1mths
Schooner	10hrs	1mths	8hrs	1mths	6hrs	1mths	4hrs	1mths
Schooner Gold	10hrs	1mths	8hrs	1mths	6hrs	1mths	4hrs	1mths

APPLICATION AND USE

Preparation

PREVIOUSLY VARNISHED WOOD:

In Good Condition: Clean with thinners. Sand smooth with 280-320 grade paper. Remove sanding dust with thinners.

In Poor Condition: Remove all previous coatings.

Apply a minimum of 3 unthinned coats, more if using a roller. Sand every 2-3 coats, using 320-400 grade paper.* Remove sanding dust with a dust wipe.

BARE WOOD: Sand smooth with 80-180 grade paper and then 280 grade paper. Remove sanding dust by brushing, dusting and wiping. If wiping with solvent then allow to dry completely before applying the first coat.

OILY WOODS e.g. Teak: Must be adequately degreased (Thinners No.1 is recommended) and prepared prior to application of Compass. Please ensure the surface is completely dry before applying the first coat.

Prime, if required, with Clear Wood Sealer/Clear Wood Sealer Fast Dry.

Brush/Roller: If Clear Wood Sealer/Clear Wood Sealer Fast Dry has been omitted, thin the first coat 10% with Thinner No. 1. 4-6 coats on bare wood, until a satisfactory finish is achieved. Sand every 2-3 coats, using 320-400 grade paper.* Remove sanding dust with a dust wipe.

* Initial aesthetics may be further improved by sanding between every coat.

Method	Pour the amount you expect to use in a separate container. Avoid using direct from the can. Strain it through a paint strainer to ensure there is no contamination. Do not apply too thickly.
Hints	<p>Thinner Brush - YTA800 Thinner No. 1. Spray - YTA085 Thinner No. 3.</p> <p>Thinning Thin first coat 10% with Thinner No.1. When temperature <15°C, thinning each coat 10% can be recommended to allow best finish.</p> <p>Cleaner Thinners No.1 (YTA800)</p> <p>Airless Spray Pressure: 176-210 bar/2500-3050 psi. Tip Size: 1365-1580.</p> <p>Conventional Spray Pressure Pot: 1-2 bar</p> <p>14.5-29 psi (gun pressure), 8-10 psi (air pressure) Tip Size: 1.8 mm. Thin 20-25% with Thinners No.3.</p> <p>Brush Always use a clean brush that is kept specifically for varnishing. Clean brushes before use.</p> <p>Roller If rolling, use a thin nap roller and "tip-off" with a clean natural bristle brush or pad otherwise air bubbles may become trapped in the film.</p> <p>Other Stir thoroughly before use.</p> <p>Spray pressures listed are recommendations only. The applicator may use any settings which yield the best results for the individual spraying technique and current weather conditions. Avoid using direct from the can. Pour the amount you expect to use in a separate container.</p> <p>When applying Compass by brush or roller, it may be necessary to adjust the number of coats applied to ensure the total specified system dry film thickness is achieved.</p>
Some Important Points	<p>Never leave bare wood exposed for long periods of time as it will absorb moisture.</p> <p>Avoid using Compass straight from the can as this will cause it to age prematurely and may introduce contamination to the can. Failure to follow proper dry times carefully will cause improper drying, wrinkling and loss of adhesion.</p> <p>Avoid painting in direct sunlight. Use above the waterline only.</p> <p>Only use recommended thinners.</p> <p>If maximum overcoating times are exceeded, sand with 280-320 grade paper.</p> <p>Product temperature should be minimum 15°C/60°F and maximum 30°C/86°F.</p> <p>Ambient temperature should be minimum 5°C/41°F and maximum 35°C/95°F.</p> <p>Substrate temperature should be minimum 5°C/41°F and maximum 35°C/95°F.</p>
Compatibility/Substrates	Suitable for use on all types of wood including oily timbers such as Teak and Iroko. Do not apply two part varnishes over one part varnishes.
Number of Coats	Previously varnished wood: minimum 3 full coats. Bare wood: 1 thinned coat, then 3-5 full coats
Coverage	(Theoretical) - 14.30 (m ² /lt) (Practical) - 12.90 (m ² /lt)
Recommended DFT	30 microns dry by spray / 30 microns dry by brush/roller
Recommended WFT	70 microns wet by spray / 70 microns wet by brush/roller
Application Methods	Airless Spray, Brush, Conventional Spray, Roller


TRANSPORTATION, STORAGE AND SAFETY INFORMATION

Storage	<p>GENERAL INFORMATION:</p> <p>Exposure to air and extremes of temperature should be avoided. For the full shelf life of Compass to be realised ensure that between use the container is firmly closed and the temperature is between 5°C/40°F and 35°C/95°F. Keep out of direct sunlight.</p> <p>TRANSPORTATION:</p> <p>Compass should be kept in securely closed containers during transport and storage.</p>
Safety	<p>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.</p> <p>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.</p>

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 or 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.

Please refer to your local representative or visit www.yachtpaint.com for further information.

®, International®, the AkzoNobel logo and other products mentioned in this publication are trademarks of, or licensed to Akzo Nobel. ©Akzo Nobel 2009.

Ref: 00004175
Issue Date: 16-Oct-2009
Supersedes: 14-Sep-2009
