

# Compass Varnishes

Fast-Drying, High-Durability Polyurethane Gloss Varnish



## 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
- \* Suitable for use on all types of wood including oily timbers such as Teak and Iroko.

## PRODUCT INFORMATION

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

## DRYING/OVERCOATING INFORMATION

	Drying							
	10°C (50°F)		15°C (59°F)		23°C (73°F)		30°C (86°F)	
Hard Dry	6 hrs		3 hrs		2.5 hrs		2 hrs	
Touch Dry	2 hrs		45 mins		40 mins		30 mins	

  

	Overcoating							
	Substrate Temperature							
	10°C (50°F)		15°C (59°F)		23°C (73°F)		30°C (86°F)	
Overcoated By	Min	Max	Min	Max	Min	Max	Min	Max
Compass	10 hrs	1 mths	8 hrs	1 mths	6 hrs	1 mths	4 hrs	1 mths
Goldspar	10 hrs	1 mths	8 hrs	1 mths	6 hrs	1 mths	4 hrs	1 mths
Goldspar Satin	10 hrs	1 mths	8 hrs	1 mths	6 hrs	1 mths	4 hrs	1 mths
Original	10 hrs	1 mths	8 hrs	1 mths	6 hrs	1 mths	4 hrs	1 mths
Schooner	10 hrs	1 mths	8 hrs	1 mths	6 hrs	1 mths	4 hrs	1 mths
Schooner Gold	10 hrs	1 mths	8 hrs	1 mths	6 hrs	1 mths	4 hrs	1 mths

## 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 3-5 coats. 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. Ensure the surface is completely dry before applying the first coat. Prime, if required, with an International Primer.

**Brush/Roller** If no primer has been applied, thin the first coat 30% with Thinner No.1. Subsequent coats can be thinned up to 15% dependent upon ambient temperature, application conditions and personal preference. Apply a further 3-5 coats (brush)/ 4-6 coats (roller), until 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.

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<b>Method</b>	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.
<b>Hints</b>	<p><b>Mixing</b> Stir thoroughly before use.</p> <p><b>Thinner</b> Brush - YTA800 Thinner No. 1. Spray - Thinner 910 or Thinner 920</p> <p><b>Thinning</b> Thin the first coat by 30% using recommended thinner. Subsequent coats can be thinned up to 15% dependent upon ambient temperature, application conditions and personal preference to allow best finish.</p> <p><b>Cleaner</b> Thinners No.1 (YTA800)</p> <p><b>Conventional Spray (Professional spray application only)</b> Pressure Pot: 1-2 bar 14.5-29 psi (gun pressure), 8-10 psi (air pressure) Tip Size: 1.2-1.4 mm. Thin 20-25% with Thinner 910 or Thinner 920.</p> <p><b>Brush</b> Always use a clean brush that is kept specifically for varnishing. Clean brushes before use.</p> <p><b>Roller</b> 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><b>Other</b> 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>
<b>Some Important Points</b>	<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>Formulated for exterior use.</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>
<b>Compatibility/Substrates</b>	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.
<b>Number of Coats</b>	Previously varnished wood: minimum 3 unthinned coats (5 coats if thinned). Bare wood: 1 thinned coat, then 3-5 unthinned coats (5-7 coats if thinned).
<b>Coverage</b>	(Theoretical) - 14.3 m <sup>2</sup> /lt (Practical) - 12.9 m <sup>2</sup> /lt
<b>Recommended DFT per coat</b>	30 microns dry.
<b>Recommended WFT per coat</b>	71 microns wet.
<b>Application Methods</b>	Brush, Roller, Conventional Spray (Professional spray application only).

## TRANSPORTATION, STORAGE AND SAFETY INFORMATION

<b>Storage</b>	<p><b>GENERAL INFORMATION:</b></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/41°F and 35°C/95°F. Keep out of direct sunlight.</p> <p><b>TRANSPORTATION:</b></p> <p>Compass should be kept in securely closed containers during transport and storage.</p>
<b>Safety</b>	<p><b>GENERAL:</b></p> <p>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><b>DISPOSAL:</b></p> <p>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>
<b>IMPORTANT NOTES</b>	<p><i>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.</i></p>

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