

Compass Clear

Varnishes

High Gloss Polyurethane Varnish with UV Filters



PRODUCT DESCRIPTION

Compass Clear is a highly durable one-part polyurethane gloss varnish that contains a unique combination of ultra-violet additives, HALS, surface stabilizers and antioxidants, to ensure long term gloss and clarity. Polyurethane resin adds incredible abrasion, chemical and water resistance. Superior leveling properties along with silky application allows you to achieve a professional, long lasting finish. Compass Clear is suitable for all internal and external woods, and can be applied directly to oily wood such as Teak. A bright, clear, high gloss finish lets the natural colour of the wood show through.

PRODUCT INFORMATION

Colour	YVA502
Finish	High Gloss
Specific Gravity	0.9
Volume Solids	41%
Typical Shelf Life	2 yrs
VOC (As Supplied)	471 g/lit (3.86 lb/gal)
Unit Size	1 US Quart

DRYING/OVERCOATING INFORMATION

	Drying					
	10°C (50°F)		23°C (73°F)		35°C (95°F)	
Touch Dry	3 hrs		2 hrs		1 hrs	

	Overcoating					
	Substrate Temperature					
Overcoated By	10°C (50°F)		23°C (73°F)		35°C (95°F)	
	Min	Max	Min	Max	Min	Max
Compass Clear	16 hrs	ext	12 hrs	ext	8 hrs	ext

Note: Compass Clear must be sanded prior to overcoating

APPLICATION AND USE

Preparation

BARE WOOD:

It is essential to remove all contaminants from the surface prior to sanding and overcoating. Sand surface smooth with 80-grit production sandpaper. Wipe clean. To enhance the appearance of the wood and fill porous, open grain, apply Interstain paste wood filler and stain according to label directions. Apply a sealer coat of varnish reduced 10-15% with the appropriate thinner.

PREVIOUSLY VARNISHED SURFACES:

In Good Condition Sand old finish thoroughly with 120-150 grit production sandpaper, being sure not to sand through the paste wood filler stain. Wipe clean and finish with at least 2 coats of varnish. Sand between each coat and wipe clean.

In Poor Condition Remove finish to bare wood with Interlux Interstrip 299E. Follow directions for varnishing bare wood.

BARE PLYWOOD:

Seal with one or two coats of Inter-Prime Wood Sealer Clear 1026 or Clear Wood Sealer YVA327/YVA328.

Method

After sealer coat - apply 4-6 coats of full-bodied varnish until a satisfactory finish is obtained. Sand the surface lightly between each coat with 220-320 grit sandpaper. Remove sanding residue.

Hints

Thinner

Brush - Brushing Liquid 333

Spray - Special Thinner 216

Thinning

Thin 10-15% on first coat and 10% maximum on subsequent coats.

Airless Spray

Pressure: 170 bar/2500 psi. Tip Size: 0.33-0.41 mm/13-16 thou.

Conventional Spray

Pressure Pot: Pressure: 3.44-4.47 bar/50-65 psi (gun pressure); 8-10 psi (pot pressure). Tip Size: 0.89-1.4 mm/35-50 thou.

Siphon Cup: Pressure: 3.44-4.47 bar/50-65 psi - gun pressure. Tip Size: 1.5-1.8 mm/60-70 thou.

Some Important Points

Product temperature should be minimum 10°C/50°F and maximum 35°C/95°F.

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Ambient temperature should be minimum 10°C/50°F and maximum 35°C/95°F.
Substrate temperature should be minimum 10°C/50°F and maximum 35°C/95°F.
Do not use below 10°C/50°F.

Compatibility/Substrates	Apply to clean, dry, properly prepared surfaces only. Compass Clear can be applied over any varnish as long as it is adhered well and has been cleaned and sanded. Do not apply two part varnishes over Compass Clear.
Number of Coats	Bare wood: At least 5-6 coats. Thin first coat 10-15%. Previously Coated Wood: 3-4
Coverage	(Theoretical) - 14.556 m ² /lt
Recommended DFT per coat	27.50 microns dry by brush
Recommended WFT per coat	68 microns wet by brush
Application Methods	Brush, Roller, Air Spray, Conventional Spray DO NOT SPRAY without following proper safety procedures for spray application.

TRANSPORTATION, STORAGE AND SAFETY INFORMATION

Storage	TRANSPORTATION: Compass Clear should be kept in securely closed containers during transport and storage. STORAGE: Exposure to air and extremes of temperature should be avoided. For the full shelf life of this product to be realized 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.
Safety	DISPOSAL: Container Disposal: Triple Rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by state or local authorities. Pesticide Disposal: Open dumping is prohibited. Pesticide, spray mixture or rinsate that cannot be used or chemically reprocessed should be disposed of according to procedures approved by Federal, state, or local disposal authorities. GENERAL: Read the label safety section for Health and Safety Information, also available from our Technical Help Line.
IMPORTANT NOTES	<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>

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