

Marine Varnish

Product Description	A phenolic-modified, alkyd based varnish for marine environments.				
Features & Use	<ul style="list-style-type: none"> • For use on all interior and exterior woodwork, either domestic, industrial or marine • Ideal for boats, stain-treated exposed doors, wall boards and maintenance of previously varnished surfaces • Superb weather resistance, gloss and flexibility both internally and externally • Gives tougher and more waterproof films than normal varnishes 				
Approvals/ Certification	Conforms to Category (e) of Directive 2004/42/EC which carries a VOC limit of 400g/l				
Finish	Gloss				
Volume Solids	46 ± 2%				
VOC Content	400 ± 20 g/litre				
Film Thickness Range And Coverage		Dry Film Thickness	Wet Film Thickness	Theoretical Coverage	
	Typical	35 µm	76 µm	13.1 m ² /litre	
Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated					
Drying Times	Applied to 35 microns DFT		+10°C	+23°C	+35°C
	Dust Free		10 hr	6 hr	4 hr
	Hard Dry		16 hr	12 hr	9 hr
	Overcoating	Minimum	24 hr	16 hr	12 hr
		Maximum	Indefinite if surface is clean and sound		
Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation					
Colours	Clear				
Product Code	05MAV-				
SG	0.93 kg/lt				
Storage Conditions	Store in dry, cool conditions and protect from frost				
Shelf Life	Minimum 12 months if stored as above in unopened containers				
Flash Point	23-60°C				

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Surface Preparation	<ul style="list-style-type: none"> • Ensure surfaces are clean, dry and free from dirt, grease and other contamination • On new wood, sand surface and dust off • Old varnished areas should be stripped well back then treated as new wood 														
Mixing	Must be mixed thoroughly before use. Agitate periodically to ensure paint remains homogeneous														
Thinner	No.3 Thinner		Equipment Cleaner No.3 Thinner												
Application Conditions	Only apply in conditions of good ventilation which must be maintained during drying and curing. Do not apply when rain, mist, sleet or snow are imminent. During application and drying time of the paint coating, the surface should be dry, the Relative Humidity should not exceed 85% and the surface temperature should remain at least 3°C above the dew point. Paint temperature should ideally be at a minimum of 15°C.														
Application Methods	<table border="1"> <thead> <tr> <th data-bbox="448 808 675 887">Method</th> <th data-bbox="675 808 922 887">Airless Spray</th> <th data-bbox="922 808 1169 887">Conventional Spray</th> <th data-bbox="1169 808 1342 887">Brush</th> <th data-bbox="1342 808 1490 887">Roller</th> </tr> </thead> <tbody> <tr> <td data-bbox="448 887 675 943"></td> <td data-bbox="675 887 922 943">Yes</td> <td data-bbox="922 887 1169 943">Yes</td> <td data-bbox="1169 887 1342 943">Yes</td> <td data-bbox="1342 887 1490 943">No</td> </tr> </tbody> </table>					Method	Airless Spray	Conventional Spray	Brush	Roller		Yes	Yes	Yes	No
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<ul style="list-style-type: none"> • Airless Spray: Output fluid pressure at tip 1800-2500 psi min., Tip Size 11-15 thou (0.28-0.38 mm). Do not thin • Conventional spray – thin up to 5% • Application by brush/roller – thin up to 5% • Avoid exceeding dry film thickness or drying problems may result 															
Product Notes	<ul style="list-style-type: none"> • New wood - apply one coat of varnish thinned 10% with No.3 Thinner and allow to dry. Lightly sand and dust off before applying a further 1 or 2 coats • For maximum protection externally, a pre-coat of Microflex Wood Treatment can be used to provide a UV barrier against the damaging effects of sunlight 														
Health & Safety	Containers are provided with safety labels which should be observed. Further information about hazardous influences and protection are detailed in individual Product Safety Data Sheets. A Safety Data Sheet for this product is available on request from Axalta Coating Systems.														

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