



POLYURETHANE GLOSS VARNISH

Product Description	A high performance polyurethane varnish, which seals and protects a variety of surfaces. Protects your wood work from knocks, heat, scratches and chemical spills. Use to brighten up colours and protect previously coated surfaces.			
Recommended Uses	For high traffic areas. As well as new or bare wood, it can be used on: concrete; stone; slate; metal and other composite materials. Excellent for marine boats as it does not fade or yellow.			
VOC Content & Compliance	430 + 20 g/litre 2004/42/EC (2012)* sub-category (i) - VOC level below 500 g/l.			
Finish	Gloss			
Volume Solids	50 ± 2%			
Pack Sizes Available	1L, 2.5L, 5L, 20L, 205L.			
Film Thickness & Coverage		Dry Film Thickness	Wet Film Thickness	Theoretical Coverage
	Minimum	40 µm	80 µm	12.5 m ² /litre
	Actual coverage varies considerably with factors including surface porosity, roughness, application methods and conditions.			
Minimum Application Temperature	Air temperature 15°C		Substrate temperature 10°C	
Drying & Overcoating Times	Applied to 30 microns DFT	+10°C	+20°C	+30°C
	Touch Dry	16 hr	4hr	3 hr
	Hard Dry	48 hr	20 hr	16 hr
	Full Hardness	Minimum	7 Days	5 Days
	Overcoating	Maximum	24 hr	20 hr
	Drying and re-coating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.			
Colour Range	Clear.			
Product Code	1L - P271, 2.5L - P272, 5L - P273, 20L - P274, 205L - P275.			
Specific Gravity	0.84 – 1.06 kg/lt			
Storage Conditions	Between 15°C - 25°C for at least 12 hours prior to use. Do not allow to freeze.			
Shelf Life	Minimum 2 years if stored as above in unopened containers			
Flash Point	Above 38°C (closed cup)			
Surface Preparation	On previously painted surfaces, ensure it is sound and non-flaking. Abrade the surface preferably by mechanical abrasion to provide a "key" and maximise adhesion of the subsequent coating.			
Typical Viscosity	3.3 - 5.2 Poise @ 25 °C			



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Mixing	Stir the paint with a drill stirrer or wooden baton at least 2" wide. Continue to stir during application.				
Thinner	White Spirit		Equipment Cleaner: White Spirit		
Application	Apply by brush or roller and work well into the surface. Use a paint brush for cutting in. Avoid applying the paint too thickly to avoid delaying drying times. The second coat can be applied as soon as the first coat is dry after 12-24 hours, and should be applied within 5 days. If more than 5 days elapse, the first coat should be lightly abraded before the second coat is applied. Avoid washing the surface for 7 days.				
Preceding Coat	Not Required				
Subsequent Coat	Recommended 2-3 coats.				
Application Methods	Method	Airless Spray	Conventional Spray	Brush	Roller
		Yes	Yes	Yes	Yes
	<ul style="list-style-type: none"> Airless Spray: Output fluid pressure at tip 1800-2000 psi, Tip Size 0.017" - 0.021" (0.43-0.53 mm) Application by brush can achieve up to 75 microns dft When applying by roller, use a solvent resistant sleeve. Avoid excessive film thickness as this will cause through-drying problems 				
Product Notes	As dictated by normal good painting practice. Care must be taken during application that the temperature is above the dew point to avoid any contamination. In confined spaces, provide adequate ventilation during application and drying.				
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				

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