



Carbosil Marine Satin

Product Description	Carbosil Marine Satin is a premium grade one pack alkyd coating. It contains silicone and urethane resin for outstanding weather resistance, coupled with increased hardness for surfaces requiring a more durable protection finish. Provides a high covering satin finish.				
Recommended Uses	Suitable for all aspects of marine surfaces such as boat and yacht structures, deck surfaces, bridges, cargo and storage areas, along with tanks and super structures.				
VOC Content	380 ± 20 g/litre				
Finish	Satin				
Volume Solids	55 ± 2% - Varies with colour				
Pack Sizes Available	1L - 2.5L - 5L				
Film Thickness & Coverage		Dry Film Thickness	Wet Film Thickness	Theoretical Coverage	
	Minimum	44 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		8 hr	3 hr	2 hr
	Hard Dry		48 hr	24 hr	24 hr
	Full Hardness	Minimum	7 Days	5 Days	5 Days
	Overcoating	Maximum	24 hr	16 hr	12 hr
	Drying and re-coating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.				
Colour Range	A range of ready mixed colours, Ral Classic, BS 4800 and BS 381C.				
Product Code	1L - PPMS1L - 2.5L - PPMS2.5L - 5L - PPMS5L				
Specific Gravity	0.9 - 1.2 kg/lit				
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. For metal surfaces the standard grades of cleanliness for abrasive blast cleaning in accordance with BS EN ISO 8501-1[1] are: Sa 1 – Light blast cleaning Sa 2 – Thorough blast cleaning Sa 2½ – Very thorough blast cleaning Sa 3 – Blast cleaning to visually clean steel				
Typical Viscosity	5 Poise @ 20 °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 to avoid thickening of the product.				
Thinner	White Spirit		Equipment Cleaner: White Spirit		
Application	Apply by brush, roller or spray and work well into the surface. Avoid applying the paint to thickly to avoid delaying drying times. The second and subsequent coats can be applied as soon as the first / preceding coat is dry usually 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 power washing the surface for 7 days.				
Preceding Coat	For a high performance system apply one coat of Palatine Marine Primer followed by a coat of Palatine High Build Primer. For Galvanized or Aluminium surfaces, pre-treat with Carbowash Mordant solution as per application instructions.				
Subsequent Coat	Applied in coats, until desired film thickness is achieved. Two undiluted coats are the minimum recommendation. Consult our technical team for more details.				
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 2000-3000 psi, .013 - .015 - Gun Filter: Yellow • Application by brush can achieve up to 55 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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