



ALKALI RESISTING PRIMER

Product Description	Palatine Professional Alkali Resisting Primer is a high quality low odour solvent based primer particularly suitable for use on interior and exterior masonry surfaces that may contain alkalis which can attack conventional decorative coatings. It is used to seal stains, stabilise powdery chalky surfaces and resists alkali attack.			
Recommended Uses	Ideal for priming, sealing and stabilising dry alkaline surfaces such as new lime plaster, cement rendering, concrete brick, stone and blockwork. Binds powdery surfaces and resists alkali attack. It is also highly recommended for its outstanding stain sealing properties, as it helps combat surfaces with varying degrees of porosity. Will help seal fire damaged surfaces after very thorough cleaning and rinsing. Can also be used to prime surfaces treated with fire retardant chemicals.			
VOC Content	380 ± 20 g/litre			
Finish	Matt			
Volume Solids	56 ± 2% - Varies with colour			
Pack Sizes Available	1L - 2.5L - 5L.			
Film Thickness & Coverage		Dry Film Thickness	Wet Film Thickness	Theoretical Coverage
	Minimum	48 µm	85 µm	11.6 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
	Touch Dry		8 hr	3 hr
	Hard Dry		48 hr	24 hr
	Full Hardness	Minimum	7 Days	5 Days
	Overcoating	Maximum	24 hr	16 hr
	Drying and re-coating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.			
Colour Range	White and Pastel shades.			
Product Code	1L - P146 - 2.5L P147 5L - P148.			
Specific Gravity	1.15 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.			
Typical Viscosity	6 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 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	Apply direct to dry stable surfaces.				
Subsequent Coat	A wide range of Palatine Top coats can be applied dependent on the final finish. Contact our Technical department to discuss the most suitable for your project.				
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, 7-11 thou tip (0.38-0.53 mm). Application by brush can achieve up to 85 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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