



CarboGalv Zinc Rich Primer

Product Description	Zinc rich primer is a cold galvanising paint for iron and steel; use as a self-finish coating or a durable rust inhibiting primer beneath many of our top coats. Suitable for all ferrous metals, such as carbon steel, stainless steel, mild steel, cast iron and wrought iron.																												
Recommended Uses	<p>Suitable for mild steel, carbon steel, stainless steel, cast and wrought iron. To Achieve Standard systems for C2 Interior– low risk environment category - System number IV-C2-A.</p> <p>Site applied coatings i) Zinc phosphate alkyd primer 40µm. ii) High build zinc phosphate alkyd primer 80µm iii) Alkyd finish 60µm</p>																												
VOC Content	500 ± 20 g/litre																												
Finish	Matt																												
Volume Solids	35 ± 5% -																												
Pack Sizes Available	0.5L - 1L - 2.5L - 5L																												
Film Thickness & Coverage	<table border="1"> <thead> <tr> <th></th> <th>Dry Film Thickness</th> <th>Wet Film Thickness</th> <th>Theoretical Coverage</th> </tr> </thead> <tbody> <tr> <td>Minimum</td> <td>40 µm</td> <td>100 µm</td> <td>8.75 m²/litre</td> </tr> </tbody> </table> <p style="text-align: center;">Actual coverage varies considerably with factors including surface porosity, roughness, application methods and conditions.</p>					Dry Film Thickness	Wet Film Thickness	Theoretical Coverage	Minimum	40 µm	100 µm	8.75 m ² /litre																	
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Minimum Application Temperature	Air temperature 15°C		Substrate temperature 10°C																										
Drying & Overcoating Times	<table border="1"> <thead> <tr> <th colspan="2">Applied to 30 microns DFT</th> <th>+10°C</th> <th>+20°C</th> <th>+30°C</th> </tr> </thead> <tbody> <tr> <td>Touch Dry</td> <td></td> <td>4hr</td> <td>3 hr</td> <td>2 hr</td> </tr> <tr> <td>Hard Dry</td> <td></td> <td>24hr</td> <td>24 hr</td> <td>24 hr</td> </tr> <tr> <td>Full Hardness</td> <td>Minimum</td> <td>5 Days</td> <td>5 Days</td> <td>5 Days</td> </tr> <tr> <td>Overcoating</td> <td>Minimum</td> <td>24 hr</td> <td>24 hr</td> <td>24 hr</td> </tr> </tbody> </table> <p style="text-align: center;">Drying and re-coating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.</p>				Applied to 30 microns DFT		+10°C	+20°C	+30°C	Touch Dry		4hr	3 hr	2 hr	Hard Dry		24hr	24 hr	24 hr	Full Hardness	Minimum	5 Days	5 Days	5 Days	Overcoating	Minimum	24 hr	24 hr	24 hr
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Colour Range	Grey																												
Product Code	0.5L - P115 1L - P116. 2.5L - P117. 5L - P118																												
Specific Gravity	2.02 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	<p>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. 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</p>																												
Typical Viscosity	10 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 settling of the product.				
Thinner	White Spirit		Equipment Cleaner: Multi Purpose Thinner		
Application	Apply by brush or roller without an attempt to spread out. The second and subsequent coats can be applied after 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. For Galvanized or Aluminium surfaces, pre-treat with Carbowash Mordant solution as per application instructions.				
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
		Not Recommended	Not Recommended	Yes	Yes
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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