

# PLASCOPRIME ZINC PHOSPHATE ALKYD PRIMER

PRODUCT CODE: UC 207

## TECHNICAL DATA SHEET

Product Description	A high build alkyd zinc phosphate primer for mild steel.																													
Intended Uses	A general purpose anti-corrosive primer for mild steel where a high film build is required.																													
Features & Benefits	<ul style="list-style-type: none"><li>• Very good corrosion resistance.</li><li>• High film builds achievable.</li><li>• Suitable for application where a primer with slow drying properties is required.</li><li>• Particularly suitable as a primer for structural steel.</li></ul>																													
Product Information	Appearance	Matt																												
	Colour	Red Oxide																												
	Solids	48 % by volume																												
	Recommended DFT	Min: 60 µm Max: 100 µm																												
	Recommended WFT	Min: 125µm Max: 208 µm																												
	Spreading rate	5 m²/ℓ at 60 µm DFT at stated volume solids																												
	VOC	253 g/ℓ																												
	Flash Point	6 °C																												
Application Details	Mixing	Stir well with a flat paddle until completely homogeneous.																												
	Method	Airless or conventional spray, brush or roller. <u>Airless spray</u> : Recommended Tip Size: 0.017” – 0.019” Nozzle pressure: 172 bar (2500 p.s.i.) <u>Conventional Spray (Pressure Pot)</u> : Gun: DeVilbiss MBC or J. Air Cap 704 OR 765 Fluid Tip: E <u>Brush</u> : Min 50 µm, Max 60 µm DFT can be achieved <u>Roller</u> : Min 50 µm, Max 60 µm DFT can be achieved For spray application, thin with <b>PLASCON FAST DRYING SOLVENT (PYY 1)</b> or <b>PLASCON UNIVERSAL REDUCER (PUR 1)</b> . Not normally required for brush or roller application. If required thin with a minimum amount of <b>PLASCON MINERAL TURPENTINE (AZH 1)</b> or <b>PLASCON UNIVERSAL REDUCER (PUR 1)</b> .																												
	Thinning																													
	Cleaning																													
	Application Environment	<table><tr><td>Surface Temperature</td><td>Ambient Temperature</td><td>Relative Humidity</td></tr><tr><td>Min.: 5 °C</td><td>Min.: 5 °C</td><td>Min 10%</td></tr><tr><td>Max.: 40 °C</td><td>Max.: 40 °C</td><td>Max.: 85%</td></tr><tr><td colspan="3">or 3 °C min. above dew point</td></tr></table>				Surface Temperature	Ambient Temperature	Relative Humidity	Min.: 5 °C	Min.: 5 °C	Min 10%	Max.: 40 °C	Max.: 40 °C	Max.: 85%	or 3 °C min. above dew point															
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Storage and Packaging	Store away from direct sun, heat and severe cold. Shelf life: 12 Months Packaging: 5 ℓ and 25 ℓ.																													

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<b>Surface Preparation</b>	<p>The surface to be coated should be clean, dry and free from contamination. All surfaces before painting should be assessed and treated in accordance to ISO 8504:1992</p> <p><b>MILD STEEL:</b></p> <ul style="list-style-type: none"> <li>The surfaces to be over coated must be clean, dry and free from contamination.</li> <li>Oil and grease should be removed using <b>PLASCON AQUASOLV DEGREASER (GR1)</b> followed by clean water rinses.</li> <li>Soluble chloride content may not exceed 75mg per m<sup>2</sup>.</li> <li>Dust and debris not to exceed 0, 3% when tested in accordance with SANS test method 769.</li> <li>Areas of breakdown, damage or weld seams should be prepared to the specified standard and patch primed prior to application of <b>PLASCOPRIME ZINC PHOSPHATE PRIMER (UC 207)</b></li> <li>Preferred surface preparation is abrasive blast clean to Sa 2½ of the International standard ISO8501-1:1988 to achieve an angular blast profile 50 – 75 µm or if abrasive blasting is impossible, mechanically abrade to Grade St 3 ISO 8501-1:1988 – this is not as effective as abrasive blasting and will reduce the life expectancy of the coating system.</li> <li>The primer must be applied before oxidation of the steel occurs. If oxidation does occur the entire oxidised area should be re-blasted to the standard specified above.</li> </ul>
<b>Caution</b>	<ul style="list-style-type: none"> <li>Ensure product is mixed well and completely homogenous prior to use.</li> <li>Before overcoating <b>ZINC PHOSPHATE PRIMER (UC 207)</b> ensure that the primer surface is thoroughly clean, use <b>POLYCELL SUGAR SOAP SOLUTION</b> and abrasive pads if necessary and rinse well with water.</li> <li>Substrate preparation is a deciding factor in product performance.</li> </ul>
<b>Safety Precautions</b>	<ul style="list-style-type: none"> <li>Always keep paint out of reach of children.</li> <li>Ensure good ventilation during application and drying.</li> <li>If accidental contact with skin should occur, wash immediately with soap and water or a recognised skin cleaner.</li> <li>Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical attention.</li> <li>Harmful if swallowed. Seek medical attention and do not induce vomiting.</li> <li>Do not smoke while painting.</li> <li>Flammable. Store in a cool dry place away from heat and sparks.</li> <li>Refer to Material Safety Data Sheet for complete information.</li> </ul>
<b>Shipping Weight</b>	<p>UN Shipping No: 1263</p> <p>25 ℓ - 37,556 kg</p> <p>5 ℓ - 7,586 kg</p>

## **DISCLAIMER:**

The recommendations contained herein are given in good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

**NB:** Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used.

**NB: TO ORDER:** Quote product name, product code number, packaging and colour.

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