

# HS ZINC PHOSPHATE ALKYD PRIMER

PRODUCT CODE: QDP 2 & QDP 3

## TECHNICAL DATA SHEET

<b>Product Description</b>	An alkyd primer for mild steel.													
<b>Intended Uses</b>	<ul style="list-style-type: none"> <li>For use as primer/ shop coat for steel windows, structural steel, door frames, steel garage doors etc.</li> <li>As a general-purpose primer under alkyd topcoats.</li> </ul>													
<b>Features &amp; Benefits</b>	<ul style="list-style-type: none"> <li>High solids giving excellent spreading rates</li> <li>Good adhesion to mild steel substrates</li> <li>General purpose primer under alkyd topcoats</li> <li>Quick Drying</li> <li>Suitable for flow coating (QDP 3 only)</li> <li>Suitable primer for coating of static machinery</li> </ul>													
<b>Product Information</b>	Appearance	Matt												
	Colours	Red Oxide (QDP 2), Light Grey (QDP 3)												
	Generic type	Alkyd												
	Solids	Mass 60 %, Volume 31 %												
	Recommended DFT	Min: 25 µm Max: 50 µm per coat												
	Recommended WFT	Min: 80 µm Max: 160 µm per coat												
	Theoretical spreading rate	8.27 m²/L at 37.5 µm DFT per coat												
	Viscosity at 23 °C	35-40 seconds Ford Cup No. 4												
	S G @ 23 °C	1.31 kg/ L												
	VOC	(QDP 2): 520 g/L, (QDP 3): 536 g/L												
	Flash Point	23 °C												
<b>Application Details</b>	Mixing	Stir thoroughly with a flat paddle until homogeneous.												
	Substrate	Thoroughly cleaned and prepared mild steel surfaces.												
	Method	Recommended spray application due to the fast-drying nature of the product. Brush and roller application are not recommended.												
	Thinning	For conventional spray application thin with <b>PLASCON ENAMEL THINNER (TH 77)</b> 16" – 18" Ford Cup No. 4. at 23 °C												
	Cleaning	<b>PLASCON FAST DRYING SOLVENT (PYY 1)</b> or <b>PLASCON ENAMEL THINNER (TH 77)</b> .												
	Drying time	Touch dry: 30 min @ 23 °C Hard dry: 1 h 15 min @ 23 °C Overcoating time: Before 2 h or overnight.												
	Application Environment	<table border="1"> <tr> <th>Surface Temperature</th><th>Ambient Temperature</th><th>Relative Humidity</th></tr> <tr> <td>Min: 10 °C</td><td>Min: 10 °C</td><td>Min: 10%</td></tr> <tr> <td colspan="3">Or 3 °C min. above dew point</td></tr> <tr> <td>Max: 40 °C</td><td>Max: 40 °C</td><td>Max: 85%</td></tr> </table>	Surface Temperature	Ambient Temperature	Relative Humidity	Min: 10 °C	Min: 10 °C	Min: 10%	Or 3 °C min. above dew point			Max: 40 °C	Max: 40 °C	Max: 85%
Surface Temperature	Ambient Temperature	Relative Humidity												
Min: 10 °C	Min: 10 °C	Min: 10%												
Or 3 °C min. above dew point														
Max: 40 °C	Max: 40 °C	Max: 85%												
<b>Storage and Packaging</b>	Store away from direct sun, heat and severe cold. Packaging: 5 L, 25 L and 200 L													

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<b>Surface Preparation</b>	<ul style="list-style-type: none"> <li>• All mild steel surfaces must be clean, dry and free from dust, dirt, oil, grease or any other contaminants.</li> <li>• Remove oil, grease and dirt and any other contaminants with <b>PLASCON AQUASOLV DEGREASER (GR 1)</b>. Rinse <b>thoroughly</b> with clean water.</li> <li>• Sand off any rust back to bright metal.</li> </ul>
<b>Application</b>	<ul style="list-style-type: none"> <li>• Thin as recommended and apply to achieve the required DFT.</li> </ul>
<b>Caution</b>	<ul style="list-style-type: none"> <li>• Application under high humidity conditions may cause solvent blooming.</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 Safety Data Sheet for complete information.</li> </ul>

### **DISCLAIMER:**

The recommendations contained herein are given in all 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.

**N.B:** 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.

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

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