

METALCARE METAL WB PRIMER

PRODUCT CODE: MWP 1

TECHNICAL DATA SHEET

Product Description	<ul style="list-style-type: none"> A single pack waterborne, anti-corrosive primer for mild and galvanised steel. 													
Intended Uses	<ul style="list-style-type: none"> METALCARE METAL WB PRIMER (MWP 1) is a universal primer A good anti-corrosive primer for abrasive blast cleaned steel. Provides protection to surfaces in coastal, humid and generally corrosive environments. 													
Features	<ul style="list-style-type: none"> Anti-corrosive properties Accepts a wide range of topcoats, both solvent borne and waterborne. Non-toxic pigmentation. 													
Product Information	Appearance	Matt												
	Colour	Red Oxide												
	Volume solids	35 – 39 %												
	Recommended DFT	Min: 50 µm Max: 60 µm D.F.T.												
	Theoretical Spreading Rate	7.8 m ² /ℓ at 50 µm D.F.T.												
	Calculated max VOC	26 g/ℓ												
	Flash point	Non flammable												
Application Details	Mixing	Stir thoroughly with a flat paddle until homogeneous.												
	Method	Spray or Brush												
	Thinner	Not normally recommended												
	Cleaner	For conventional spray application thin 5% Maximum with water.												
	Substrate	Water – Clean immediately after use before product dries.												
	Application Environment	Mild steel and Galvanised steel												
		<table border="1"> <thead> <tr> <th>Surface Temperature</th> <th>Ambient Temperature</th> <th>Relative Humidity</th> </tr> </thead> <tbody> <tr> <td>Min: 10 °C</td> <td>Min: 10 °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 2°C min above dew point</td> </tr> </tbody> </table>	Surface Temperature	Ambient Temperature	Relative Humidity	Min: 10 °C	Min: 10 °C	Min: 10 %	Max: 40 °C	Max: 40 °C	Max: 85 %	Or 2°C min above dew point		
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	Drying time	Touch dry 1h at 23 °C Dry to handle 4 h at 23 °C												
	Overcoating	Water-based topcoats 8 h at 23 °C Solvent-based topcoats 16 h at 23 °C Max: 48 h												
Storage and Packaging	Store away from direct sun, heat and severe cold.													
	Packaging:	5L.												

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Surface Preparation	<ol style="list-style-type: none"> MILD STEEL: The surfaces to be over coated must be clean, dry and free from contamination. Remove oil and grease by using PLASCON AQUASOLV DEGREASER (GR 1) followed by clean water rinses. Remove soluble chloride content. Remove rust by coarse sanding, wire brushing, etc. or with the appropriate REMOVAL RUST REMOVER product. Apply METALCARE METAL WB PRIMER (MWP 1) before oxidation of the steel occurs. GALVANISED STEEL: The surfaces to be over coated must be clean, dry and free from contamination. Remove oil and grease by using PLASCON AQUASOLV DEGREASER (GR 1) followed by clean water rinses. Remove soluble chloride content. Remove rust by coarse sanding, wire brushing etc. back to clean bright metal. Clean surface area using METALCARE GALVANISED IRON CLEANER (GIC 1) and rinse thoroughly to obtain a water break-free surface.
Application	<ul style="list-style-type: none"> Apply METALCARE METAL WB PRIMER (MWP 1) by spray or brush to the required D.F.T. Allow recommended drying times before overcoating.
Cautions	<ul style="list-style-type: none"> Do not apply at temperatures below 10 °C or if the temperature is liable to fall below 10 °C during the 4 hours following application or during wet weather conditions. In cool weather conditions allow additional drying time before overcoating. Not suitable for use on aluminium surfaces.
Safety Precautions	<ul style="list-style-type: none"> Always keep paint out of reach of children. Ensure good ventilation during application and drying. If accidental contact with skin should occur, wash immediately with soap and water or a recognised skin cleaner. Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical attention. Harmful if swallowed. Seek medical attention and do not induce vomiting. Do not smoke while painting. Flammable. Store in a cool dry place away from heat and sparks. Refer to Safety Data Sheet for complete information.

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.

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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