

METALCARE METAL WB PRIMER

PRODUCT CODE: MWP 1

TECHNICAL DATA SHEET NO: PL-36-A

DATE: NOVEMBER 2012

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

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> </tbody> </table>	Surface Temperature	Ambient Temperature	Relative Humidity	Min: 10 °C	Min: 10 °C	Min: 10 %	Max: 40 °C	Max: 40 °C	Max: 85 %
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									
	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: 1 ℓ and 5 ℓ.										

METALCARE METAL WB PRIMER

PRODUCT CODE: MWP 1

TECHNICAL DATA SHEET NO: PL-36-A

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 METALCARE 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 METALCARE 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 Material 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.

KANSAI PLASCON (PTY) LIMITED

CAPE TOWN:

P O Box 42
Eppindust 7475
Tel: (021) 505-2400
Fax: (021) 534-3791

DURBAN:

Private Bag X16
Mobeni 4060
Tel: (031) 451-3200
Fax: (031) 451-3411

GAUTENG

P.O. Box 4010
Luipaardsvlei 1743
Tel: (011) 951-4500
Fax: (011) 955-2841

PORT ELIZABETH:

P O Box 1594
Port Elizabeth 6000
Tel: (041) 401-1400
Fax: (041) 453-4606

PLASCON ADVISORY SERVICE: 0860 20 40 60