

PLASCOSAFE ANTI CORROSIVE PRIMER RED OXIDE

PRODUCT CODE: SAT 514

TECHNICAL DATA SHEET

Product Description	A single pack waterborne, anti-corrosive primer													
Intended Uses	<ul style="list-style-type: none"> An excellent anti-corrosive primer for abrasive blast cleaned steel. A "travel" primer for structural steel. Provides excellent adhesion to galvanised steel. An excellent barrier coat between incompatible coating systems. 													
Features & Benefits	<ul style="list-style-type: none"> PLASCOSAFE PRIMER (SAT 514) is one of the most universal primers available. Excellent anti-corrosive properties. Can be welded at lower DFT without porosity and excessive burn back. Quick drying. Accepts a wide range of topcoats, both solvent borne and water borne. Non-toxic pigmentation. It exhibits excellent resistance to under film corrosion creep and outstanding adhesion properties. This product also has excellent weathering and abrasion resistance. 													
Product Information	Colour	Red Oxide												
	Generic type	Pure acrylic												
	Volume solids	35 – 39 %												
	Recommended DFT	Min: 15 µm Max: 45 µm per coat												
	Recommended WFT	Min: 38 µm Max: 129 µm per coat												
	Viscosity at 23 °C	85 – 90 KU												
	Theoretical Spreading Rate	8,2 m²/L per coat at 45 µm DFT at stated volume solids												
	Flash point	Non-flammable												
Application Details	Mixing	Stir thoroughly with a flat paddle until homogeneous.												
	Method	Spray. Brush for touch up on small areas only.												
	Thinning	Not normally recommended												
	Cleaning	For conventional spray application thin 5% maximum with water Water – Clean immediately after use before product dries.												
	Application Environment	<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 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> </tbody> </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 %
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	Drying time	Touch dry: 1 h @ 23 °C Recoating: 4 h @ 23 °C for waterborne topcoats 16 h @ 23 °C for solvent borne topcoats. Dry to handle: 4 h @ 23 °C												
Storage and Packaging	Store away from direct sun, heat and severe cold. Packaging: 20 L													

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Surface Preparation	<p>All surfaces to be painted must be clean, sound and dry.</p> <ol style="list-style-type: none"> 1. NEW WORK: <ol style="list-style-type: none"> 1.1 Steel: Degrease with PLASCON AQUASOLV DEGREASER (GR 1) followed by fresh water rinses to achieve a water break-free surface. Abrasive blast-clean to grade SA 2 ½ of the ISO 8501-1:2007 with a blast profile of 30 – 50 µm. Alternatively prepare steel by wire brushing to grade St 3 of the above standard. This is not as effective and results in a shorter maintenance-free life. 1.2 Galvanised Iron: Clean thoroughly with PLASCON GALVANISED IRON CLEANER (GIC 1) followed by clean water rinses until a water break-free surface is obtained. Repeat cleaning if necessary. Allow surface to dry before applying of PLASCOSAFE PRIMER (SAT 514). 1.3 Concrete: Remove grease, oil, shutter release agents, mould oils and other foreign materials using PLASCON AQUASOLV DEGREASER (GR 1). Rinse thoroughly with fresh water to a water break-free surface. Remove laitance by mechanical grinding, light blasting and remove all dust. 1.4 PREVIOUSLY PAINTED SURFACES: Remove loose and flaking paint and rust. Degrease with PLASCON AQUASOLV DEGREASER (GR 1). Sand glossy paint to a matt finish to provide a key. Dust off.
Application	<ul style="list-style-type: none"> • Apply PLASCOSAFE PRIMER by appropriate method (see Application Details) to required DFT • Apply a second coat if necessary. Allow recommended drying times before overcoating.
Cautions	<ul style="list-style-type: none"> • This primer is suitable as a weld-able primer at lower film thicknesses; however, the wearing of air-fed masks is necessary. • 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"> • Keep out of reach of children. • Ensure good ventilation during application and drying. • In case of skin contact, wash with soap and water or a recognised skin cleaner. • Avoid contact with eyes – In case of contact, rinse eyes immediately with plenty of water and seek medical advice if symptoms persist. • Harmful if swallowed. Do not induce vomiting. Seek medical attention. • Refer to Safety Data Sheet for complete information.

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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