

# PLASCOSAFE HIGH BUILD ANTI CORROSIVE PRIMER

PRODUCT CODE: SAT 248

## TECHNICAL DATA SHEET

<b>Product Description</b>	A waterborne anti-corrosive primer													
<b>Features and Benefits</b>	<ul style="list-style-type: none"> <li>A high-performance primer which provides excellent corrosion protection.</li> <li>It has excellent resistance to under film corrosion creep.</li> <li>Has low odour during application.</li> </ul>													
<b>Intended Uses</b>	<ul style="list-style-type: none"> <li>Painting of Railway rolling stock</li> <li>A quick drying primer that can be overcoated with a wide range of finishing coats.</li> </ul>													
<b>Product Information</b>	Colours	Afrox Mid Buff												
	Volume solids	40 – 45 %												
	Recommended DFT	Min: 40 µm Max: 75 µm												
	Viscosity at 23 °C	95 - 100 KU												
	Theoretical Spreading Rate	9 m <sup>2</sup> /L at 45 µm												
	Flash point	Non-flammable												
<b>Application Details</b>	Mixing Ratio	Ready for use.												
	Method	<p>Stir until homogeneous, thinning is not recommended</p> <p><b>Airless Spray:</b> Suitable nozzle orifice 20 - 28 Thou</p> <p><b>Conventional spray:</b> Suitable nozzle orifice 1 - 1,5 mm;</p> <p>Nozzle pressure 40 - 60 psi</p> <p><b>NOTE:</b> Conventional spray could result in low applied DFT and two coats may be required to obtain specified thickness.</p> <p>Thinning Cleaning</p> <p>Water – Thin up to 5 % by volume for conventional spray application. Water - Equipment can be cleaned with water if product is not left to dry for extended periods.</p>												
	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 %
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	Drying time	<p>Touch dry 30 min @ 23 °C</p> <p>Overcoating With waterborne finishes: 1 h – 1 h 30 min With solvent based finishes: 12 h</p> <p>Dry to handle 4 h @ 23 °C</p>												
<b>Storage and Packaging</b>	<p>Store away from direct sun, heat and severe cold.</p> <p>Packaging: 5 L and 25 L</p>													

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## Surface Preparation

Surfaces may be damp but not wet, clean, free from oil, grease or any other contaminants.

### STEEL:

- Remove oil, grease and other contaminants using **PLASCON AQUASOLV DEGREASER (GR 1)** followed by clean water rinses, to a water break-free surface.
- For best performance the preferred treatment is to abrasive blast clean steel surfaces to grade SA 2 ½ of the Standard ISO 8501-1:2007 with a blast profile of 30 – 35 µm. Alternatively prepare steel by wire brushing to grade St 3 of the above standards or St 2 (i.e. remove loose rust and all other contaminants). This treatment, however, is not as effective and results in a short maintenance-free life.

### GALVANISED STEEL SURFACES:

- Clean thoroughly with **PLASCON GALVANISED IRON CLEANER (GIC 1)** followed by clean water rinses until a water break-free surface is obtained.

### PREVIOUSLY PAINTED SURFACES:

- Remove any loose paint, rust and other contaminants.
- Sand old paint thoroughly to provide a key.

## Cautions

- Low temperatures and high humidity retard drying.
- Must not be used at air / substrate temperature below 10 °C.

## Safety Precautions

- Always keep paint out of reach of children.
- Ensure good ventilation during application and drying.
- In case of skin contact, 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.
- 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.

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

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