

RUST INHIBITIVE EPOXY PRIMER

PRODUCT CODE: SAT 356

TECHNICAL DATA SHEET

Product Description	A two-pack corrosion resistant epoxy primer for metals.													
Intended Uses	Recommended as a primer for suitably prepared mild steel, stainless steel and galvanised steel.													
Features & Benefits	<ul style="list-style-type: none"> Excellent corrosion resistance, adhesion and mechanical properties. Quick drying. NOT to be applied over acid-containing wash primers. 													
Product Information	Quality specification Appearance Colour (mixed) Type Solids (mixed) S G (mixed) Viscosity (mixed) Pot life (mixed) at 23 °C Recommended DFT Theoretical spreading rate Flash Point	Complies to Transnet specification CSS.183/5.14 Low sheen Pastel Yellow Epoxy 38 % by volume (typical) 1,34 (typical) 60 – 75 KU Approx. 8 h Min: 25 µm, Max: 50 µm 9 m ² /L @ 40 µm DFT 24 °C												
Application Details	Mixing Method Thinning Cleaning Substrate Application Environment Drying time	Stir Base and Catalyst separately until completely homogeneous. Then mix Base and Catalyst 1:1 by volume as supplied and stir thoroughly. Allow 20 minutes induction period before thinning and use. Conventional and airless spray application. Thin to 20 - 25 seconds Ford Cup No. 4 with EPOXY THINNER (SAT 355) to CSS.183/2.70 or EPIWASH EPOXY THINNER (TH 128) . EPOXY THINNER (SAT 355) to CSS.183/2.70 or EPIWASH EPOXY THINNER (TH 128) . Well prepared, primed mild steel, stainless 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 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> Touch dry Dry to handle Overcoating by itself Overcoating (top coats)	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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Storage and Packaging	Store away from direct sun, heat and severe cold. Packaging: 10 L dual pack: 5 L BASE (SAT 356) 5 L CATALYST (KAT 549)													

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Surface Preparation	<p>All surfaces must be thoroughly clean and dry.</p> <p>MILD STEEL:</p> <ul style="list-style-type: none"> Degrease with PLASCON AQUASOLV DEGREASER (GR 1) and rinse thoroughly with fresh water. To remove rust, mill scale and other contaminants abrasive blast clean to Grade SA 2 ½ of ISO 8501-1:2007 with a blast profile of 30 – 50 µm. Alternatively wire brush to Grade St 3 of the same standard. This is not as effective and may result in a shorter maintenance free period. <p>GALVANISED IRON:</p> <ul style="list-style-type: none"> Clean with METALCARE GALVANISED IRON CLEANER (GIC 1) Rinse with clean water to a water break free surface.
Application	<ul style="list-style-type: none"> Thin as recommended and apply a full wet coat. If necessary, apply a second coat to achieve the specified DFT.
Cautions	<ul style="list-style-type: none"> If metals have been phosphated all traces of acid must be washed off thoroughly before applying RUST INHIBITIVE EPOXY PRIMER BASE (SAT 356). Use only KAT 549 CATALYST with RUST INHIBITIVE EPOXY PRIMER BASE (SAT 356).
Safety Precautions	<ul style="list-style-type: none"> Always keep paint out of reach of children. Ensure good ventilation during application and drying. Avoid skin contact. 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 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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