

ELECTROSTATIC ETCH COAT WHITE-ZINC PHOSPHATE

PRODUCT CODE: ES 101

TECHNICAL DATA SHEET

Product Description	A single pack white anti-corrosive etch coat.													
Intended Uses	This product is designed as a fast-drying coating for metal surfaces. It is specified for use on shock absorbers. Suitably prepared mild steel, galvanised iron and abraded aluminium.													
Features & Benefits	<ul style="list-style-type: none"> • Fast drying. • Resistant to oil spills and splashes. • Good corrosion protection 													
Product Information	<p>Colour</p> <p>Appearance</p> <p>Resistivity</p> <p>Recommended DFT</p> <p>Recommended WFT</p> <p>Viscosity at 23 °C</p> <p>Volume solids</p> <p>Theoretical Spreading Rate</p> <p>Density</p> <p>Flash point</p> <p>VOC</p>	<p>White</p> <p>Gloss: 30 -70 % gloss units @ 60° Head</p> <p>80-150 K Ohms</p> <p>30-35 µm</p> <p>167-195 µm</p> <p>18-24 Sec Ford Cup No. 4</p> <p>17-21 %</p> <p>6 m²/L @ 30 µm DFT</p> <p>1.00 kg/L</p> <p><23 °C</p> <p>672.90 g/L</p>												
Application Details	<p>Mixing</p> <p>Method</p> <p>Thinning</p> <p>Cleaning</p> <p>Drying time</p> <p>Stoving schedule</p> <p>Application Environment</p>	<p>Stir with a flat paddle until completely homogeneous. Stir occasionally during use.</p> <p>Airless spray, conventional spray or electrostatic spray.</p> <p>ES 101 is supplied at correct spraying viscosity and conductivity for electrostatic application.</p> <p>COASTCOTE THINNER (SNK 7).</p> <p>Touch dry: 15 mins @ 23 °C, 65% Relative Humidity</p> <p>Dry to handle: 30 mins @ 23 °C</p> <p>Overcoating: 1 h @ 23 °C</p> <p>Flash off: 5 mins @ 23 °C</p> <p>Stoving: 25 – 30 mins @ 75-90 °C</p> <p>Cool: 30 – 40 mins @ 23 °C</p> <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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Storage & Packaging	<p>Store away from direct sun, heat, flames, sparks and severe cold.</p> <p>Pack size: 25 L</p>													

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Surface Preparation	<p>All surfaces must be firm, dry and clean, free from oil, grease or any other contaminants.</p> <p>MILD STEEL:</p> <p><u>General Applications</u></p> <ul style="list-style-type: none"> Degrease with AQUASOLV DEGREASER (GR 1) and rinse thoroughly with fresh water. Allow to dry. Prepare steel by wire brushing to grade St 3 of ISO 8501-1:2007 <p><u>Component and OEM Aftermarket</u></p> <ul style="list-style-type: none"> For optimum anti-corrosion properties, a 5-stage pre-treatment/phosphating process is advised. This would consist of: degreasing, followed by rinse. Then phosphating process/rinse and passivation. <p>GALVANISED IRON:</p> <ul style="list-style-type: none"> Clean with GALVANISED IRON CLEANER (GIC 1) to a water break-free surface. Rinse thoroughly with fresh water and allow to dry. <p>ALUMINIUM:</p> <ul style="list-style-type: none"> Degrease with AQUASOLV DEGREASER (GR 1) followed by fresh water rinses. Abrade with scouring pads to remove oxide layer. Overcoat within 4 hours.
Application	<ul style="list-style-type: none"> Thin and apply as recommended. The gloss and resistance properties are dependant on the correct film build.
Safety Precautions	<ul style="list-style-type: none"> Keep out of reach of children. Flammable. Ensure good ventilation and do not smoke during application and drying. Avoid skin contact. In case of contact, wash immediately 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. If inhaled remove from further exposure. Seek medical attention immediately if adverse symptoms occur. 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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