

EPIWASH STRONTIUM CHROMATE PRIMER

PRODUCT CODE: AW 255

TECHNICAL DATA SHEET

Product Description	A premium quality dual pack strontium chromate epoxy primer.													
Intended Uses	<ul style="list-style-type: none"> Recommended as a primer for mild steel, galvanised iron, aluminium, fibreglass, stainless steel and various alloys. Ideal for earth moving equipment, military vehicles, truck and bus bodies (particularly where both mild steel and aluminium components are used), fibre glass canopies. Suitable as a primer over Electro-coat. 													
Features & Benefits	<ul style="list-style-type: none"> Excellent corrosion protection. Outstanding adhesion and mechanical properties. Quick drying. Overcoatable with air drying and baking enamels, polyurethanes, acrylics and various epoxy finishes. 													
Product Information	Quality specification	Complies to military specification DTD 5567 A												
	Appearance	Semi matt												
	Colour	Base: White (AW 255). Curing agent: Yellow (KAT 508). Mixed : Pale Yellow												
	Generic type	Epoxy-polyamide												
	Solids (mixed)	24 % by volume												
	Viscosity (mixed)	54- 56 KU												
	Pot life (mixed)	Min: 6 h @ 23 °C												
	Recommended DFT	20 – 30 µm												
	Recommended WFT	83 – 125 µm												
	Theoretical spreading rate	9,6 m ² /L @ 25 µm DFT												
	Flash Point	<23 °C												
	VOC	618 g/L												
Application Details	Mixing	Stir Base and Curing Agent separately until completely homogeneous. Then mix Base and Curing Agent together 1:1 by volume and stir thoroughly. Allow 20 minutes induction period before thinning and use.												
	Method	Conventional and airless spray applications. Roller or brush (small areas only).												
	Thinning	For conventional spraying thin to 16 - 18 seconds Ford Cup No. 4 with EPIWASH THINNER (TH 128) . For brush and roller thin up to 5% using PLASCON AUTOMOTIVE RETARDER THINNER (ATH 301) EPIWASH THINNER (TH 128) .												
	Cleaning	EPIWASH THINNER (TH 128) .												
	Drying time	Touch dry: 20 mins. @ 23 °C and 65% relative humidity Over coating: Min: 4 h @ 23 °C or bake 10 mins. @ 120 °C Max: 7 days @ 23 °C Full cure: 7 days @ 23 °C												
	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: 35 °C</td> <td>Max: 35 °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: 35 °C	Max: 35 °C	Max: 85%
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Storage & Packaging	Store away from direct sun, heat and severe cold. Packaging: 10L dual pack : 5L BASE (AW 255) 5L CURING AGENT (KAT 508)
Surface Preparation	All surfaces must be thoroughly clean dry and sound. MILD STEEL: <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 grade A,B,C & D steel to Grade Sa 2 ½ of ISO 8501-1:2007 with a blast profile of 20 – 30 µm. Alternatively wire brush grade B, C & D steel to Grade St 3 of the same standard, this is not as effective and may result in a shorter maintenance free period. GALVANISED STEEL: <ul style="list-style-type: none"> Clean with METALCARE GALVANISED IRON CLEANER (GIC 1) Rinse thoroughly with fresh water until a water break-free surface is achieved. ALUMINIUM, STAINLESS STEEL AND OTHER ALLOYS: <ul style="list-style-type: none"> Degrease with PLASCON AQUASOLV DEGREASER (GR 1) and rinse thoroughly with fresh water. Abrade surfaces with a scouring pad (e.g. Scotch Brite) to remove oxidised layers and provide a key.
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"> NOT to be applied over acid-containing wash primers. If metals have been phosphated all traces of acid must be washed off thoroughly. Use only KAT 508 CURING AGENT with EPIWASH STRONTIUM CHROMATE PRIMER BASE (AW 255). When spraying ensure a moisture trap has been installed between gun and compressor.
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, especially with BASE component. 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 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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