EPIWASH STRONTIUM CHROMATE PRIMER

PRODUCT CODE: AW 255

TECHNICAL DATA SHEET

Product Description
A premium quality dual pack strontium chromate epoxy primer.

Intended Uses
- Recommended as a primer for mild steel, galvanised steel, aluminium, fibre-glass, 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, etc.

Features & Benefits
- Excellent corrosion protection.
- Outstanding adhesion and mechanical properties.
- Quick drying.
- Overcoatable with air drying and baking enamels, polyurethanes, acrylics and various epoxy finishes.
- NOT to be applied over acid-containing wash primers.

Product Information

<table>
<thead>
<tr>
<th>Quality specification</th>
<th>Complies to military specification DTD 5567 A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Semi matt</td>
</tr>
<tr>
<td></td>
<td>Mixed : Pale Yellow</td>
</tr>
<tr>
<td>Generic type</td>
<td>Epoxy-polyamide</td>
</tr>
<tr>
<td>Solvent type</td>
<td>Aromatic hydrocarbons, alcohols and ketones</td>
</tr>
<tr>
<td>Solids (mixed)</td>
<td>40 % (typical) by mass; 22 – 24 % by volume</td>
</tr>
<tr>
<td>Viscosity (mixed)</td>
<td>1,05 (typical)</td>
</tr>
<tr>
<td>Pot life (mixed) at 23 °C</td>
<td>Min: 6 h @ 23 °C</td>
</tr>
<tr>
<td>Recommended DFT</td>
<td>Min.: 20 µm , Max.: 30 µm</td>
</tr>
<tr>
<td>Theoretical spreading rate</td>
<td>9,6 m²/ @ 25 µm DFT</td>
</tr>
<tr>
<td>Flash Point</td>
<td>&lt;23 °C</td>
</tr>
</tbody>
</table>

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) (approx. 2 parts mixed paint to 1 part TH 128 by volume).

Cleaning
- EPIWASH THINNER (TH 128).

Application Environment

<table>
<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>or 2 °C min. above dew point</td>
<td>Max: 40 °C</td>
<td>Max: 85%</td>
</tr>
</tbody>
</table>

Drying time

| Touch dry | 20 min. @ 23 °C and 65% relative humidity |
| Dry to handle | 4 h @ 23 °C or bake 10 min. @ 120 °C |
| Overcoating | Min: 4 h @ 23 °C or bake 10 min. @ 120 °C |
| Max : two weeks @ 23 °C |
| Full cure  | 7 days @ 23 °C                          |
EPIWASH STRONTIUM CHROMATE PRIMER

PRODUCT CODE: AW 255

Storage & Packaging

Store away from direct sun, heat and severe cold
Packaging: 10 l dual pack : 5 l BASE (AW 255)
5 l CURING AGENT (KAT 508)

Surface Preparation

All surfaces must be thoroughly clean and dry.

MILD STEEL:
• 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 2½ of ISO 8501-1:1988 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.

GALVANISED STEEL:
• Clean with PLASCON GALVANISED IRON CLEANER (GIC 1) to achieve a water break-free surface. Rinse thoroughly with fresh water.

ALUMINIUM, STAINLESS STEEL AND OTHER ALLOYS:
• 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

• Thin as recommended and apply a full wet coat.
• If necessary, apply a second coat to achieve the specified DFT.

Cautions

• DO NOT use acid-curing wash primers under EPIWASH PRIMER.
• 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).

Safety Precautions

• 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 Material 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.

KANSAI PLASCON (PTY) LIMITED

CAPE TOWN:
P O Box 42
Eppindust 7475
Tel: (021) 505-2400
Fax: (021) 534-3791

DURBAN:
Private Bag X16
Mbeni 4060
Tel: (031) 451-3200
Fax: (031) 451-3411

GAUTENG:
P O Box 4010
Luipaardsvlei 1743
Tel: (011) 951-4500
Fax: (011) 955-2841

PORT ELIZABETH:
P O Box 1594
Port Elizabeth 6000
Tel: (041) 401-1400
Fax: (041) 453-4606