

COASTCOTE ETCH PRIMER SERIES

PRODUCT CODE: SNK Series

TECHNICAL DATA SHEET

| Product Description | A premium quality range of fast drying, single pack polyvinyl butyral pre-treatment primers. | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|---|---|---------------------------|---------------------|---------------------|-------------------|---------------------------|-------------|-----------|------------|------------|-----------|------------|-------|---------|---------|------|------------|-------|--------|---------|---------|------------|
| Intended Uses | <ul style="list-style-type: none"> • Pre-treatment primer for mild steel and galvanised iron prior to applying the full paint system. • Used as a self-priming finish in a variety of applications. Ideal for use on vehicle chassis and under body components, engine parts, metal fireplaces, burglar bars, security gates, wrought iron, etc. • For application to abraded aluminium. | | | | | | | | | | | | | | | | | | | | | | |
| Features & Benefits | <ul style="list-style-type: none"> • Can be used as a weld-through primer at lower DFT's • Fast drying • Good adhesion and flexibility • Provides limited corrosion protection. • Resistant to oil spills and splashes. • Can be overcoated by general industrial topcoats and decorative enamels, but not nitrocellulose based coatings. | | | | | | | | | | | | | | | | | | | | | | |
| Product Information | Colours | Red Oxide (SNK 2), Matt black (SNK 10), Blue Grey (SNK 12) and Ivory(SNK 5) | | | | | | | | | | | | | | | | | | | | | |
| | Appearance | Matt | | | | | | | | | | | | | | | | | | | | | |
| | Volume solids | 11-13% depending on colour | | | | | | | | | | | | | | | | | | | | | |
| | Recommended DFT | Min: 10 µm, Max: 25 µm. Apply at least 25 µm DFT when using as a self-priming finish. | | | | | | | | | | | | | | | | | | | | | |
| | Recommended WFT | Min: 100 µm, Max: 250 µm | | | | | | | | | | | | | | | | | | | | | |
| | Theoretical Spreading Rate | SNK 2 : 8-9 m ² /ℓ @ 15 µm DFT; other colours : 6-7 m ² /ℓ | | | | | | | | | | | | | | | | | | | | | |
| | Flash point | < 23 °C | | | | | | | | | | | | | | | | | | | | | |
| Application Details | Mixing | Stir with a flat paddle until completely homogeneous. | | | | | | | | | | | | | | | | | | | | | |
| | Method of application | Airless spray: Tip size 0.015-0.017 Nozzle pressure 172 Bar (2500 psi) Conventional spray: Suitable nozzle orifice 1,0 - 1,5 mm. Nozzle pressure 40 - 60 p.s.i. Dipping: suitable. Brush: (small areas only). | | | | | | | | | | | | | | | | | | | | | |
| | Substrate | Suitably prepared mild steel galvanised steel and abraded aluminium. | | | | | | | | | | | | | | | | | | | | | |
| | Thinner | For spray application thin up to 1:1 by volume with COASTCOTE THINNER (SNK 7) . For brush and roller application thin with a minimum amount of COASTCOTE THINNER (SNK 7) . For dipping thin with COASTCOTE DIPPING THINNER (TH 258) to suitable viscosity. | | | | | | | | | | | | | | | | | | | | | |
| | Cleaning | COASTCOTE THINNER (SNK 7) or NO 40 LACQUER THINNER (ILS 1) | | | | | | | | | | | | | | | | | | | | | |
| | 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>Max: 40 °C</td> <td>Max: 40 °C</td> <td>Max: 85 %</td> </tr> </tbody> </table> <p>or 2 °C min. above dew point</p> | | Surface Temperature | Ambient Temperature | Relative Humidity | Min: 10 °C | Min.: 10 °C | Min: 10 % | Max: 40 °C | Max: 40 °C | Max: 85 % | | | | | | | | | | | |
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| | Drying Time | <table border="1"> <thead> <tr> <th>Temp</th> <th>Touch Dry</th> <th>Hard Dry</th> <th>Overcoating Interval Min:</th> <th>Max:</th> </tr> </thead> <tbody> <tr> <td>10 °C</td> <td>20 Mins</td> <td>50 Mins</td> <td>2 Hrs</td> <td>Indefinite</td> </tr> <tr> <td>23 °C</td> <td>10 Mins</td> <td>30 Mins</td> <td>1 Hr</td> <td>Indefinite</td> </tr> <tr> <td>40 °C</td> <td>5 Mins</td> <td>15 Mins</td> <td>45 Mins</td> <td>Indefinite</td> </tr> </tbody> </table> | | Temp | Touch Dry | Hard Dry | Overcoating Interval Min: | Max: | 10 °C | 20 Mins | 50 Mins | 2 Hrs | Indefinite | 23 °C | 10 Mins | 30 Mins | 1 Hr | Indefinite | 40 °C | 5 Mins | 15 Mins | 45 Mins | Indefinite |
| Temp | Touch Dry | Hard Dry | Overcoating Interval Min: | Max: | | | | | | | | | | | | | | | | | | | |
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| Storage and Packaging | Store away from direct sun, heat, flames, sparks and severe cold. Packaging range : 1 ℓ, 5 ℓ, 25 ℓ and 200 ℓ (varies for the different colours) |
| Surface Preparation | All surfaces must be firm, dry and clean, free from oil, grease or any other contaminants. MILD STEEL: <ul style="list-style-type: none"> Degrease with PLASCON AQUASOLV DEGREASER (GR 1) and rinse thoroughly with fresh water. Allow to dry. Prepare steel by wire brushing to grade Sa 2½. of ISO 8501-1:1998 GALVANISED STEEL: <ul style="list-style-type: none"> Clean with PLASCON GALVANISED IRON CLEANER (GIC 1) to a water break-free surface. Rinse thoroughly with fresh water and allow to dry. ALUMINIUM: <ul style="list-style-type: none"> Degrease with PLASCON AQUASOLV DEGREASER (GR 1) followed by fresh water rinses. Abrade with Scotchbrite pads to remove oxide layer. Overcoat within 4 hours. |
| Caution | <ul style="list-style-type: none"> Before overcoating COASTCOTE ETCH PRIMER ensure that the primer surface is thoroughly clean, use POLYCELL SUGAR SOAP POWDER solution and abrasive pads if necessary and rinse well with water. Nitrocellulose based coatings are not recommended for the overcoating of this etch primer. |
| Shipping Weight | UN Shipping number 1263 1 ℓ - 1,013 Kg 25 ℓ - 25,33 Kg 5 ℓ - 5,07 Kg 200 ℓ - 202,6 Kg |
| Safety Precautions | <ul style="list-style-type: none"> Keep out of reach of children. 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. Give plenty of water. DO NOT induce vomiting. Seek medical attention. 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.

NB: 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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