

PLASCOPRIME SELF ETCH PRIMER

PRODUCT CODE: SNS 1

TECHNICAL DATA SHEET

Product Description	A dual pack polyvinyl butyral based etching primer.													
Intended Uses	This product is used as a key coat to ensure good adhesion onto difficult substrates such as aluminium, galvanised steel, various alloys and fibre glass.													
Features & Benefits	<ul style="list-style-type: none"> • Quick drying. • Excellent adhesion to metal surfaces and fibre-glass. • Overcoatable with most types of coatings. (N.B: Not recommended under epoxies.) • This is not a true primer but a pre-treatment 													
Product Information	Appearance Colour Generic type Solids S G Recommended DFT Practical spreading rate Viscosity at 23 °C Pot life (mixed) Flash Point VOC	Semi matt Semi-Transparent Polyvinyl butyral Approx. 5 - 7 % by volume 0,88 (mixed) (typical) Min.: 10 µm Max.: 15 µm 6 m ² /L at 10 µm 30 – 35 seconds FC4 6 h min. at 23 °C < 23 °C 793 g/L												
Application Details	Mixing Method Thinner Cleaning Application Environment Drying time	Stir base with a flat paddle until homogeneous. Then empty the entire content of the hardener container into the base container and stir until thoroughly mixed. Mix in ratio as supplied, viz. BASE (SNS 1) 1:1 CATALYST (KAT 505) by volume. Brush or spray. No thinning normally required for brush application. For spraying add a minimum quantity of NO. 40 LACQUER THINNERS (ILS 1) NO. 40 LACQUER THINNERS (ILS 1). <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: 5 min @ 23 °C Overcoating: Min: 15 min @ 23 °C Max: 4 h @ 23 °C Dry to handle: 4 h @ 23 °C N.B. Do not expose to water (e.g. rain or dew) before overcoating.	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, open flames, sparks and severe cold. Packaging: 5 L dual packs.													

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Surface Preparation	<p>All surfaces to be painted must be thoroughly degreased using PLASCON AQUASOLV DEGREASER (GR 1) followed by clean water rinses.</p> <ul style="list-style-type: none"> • MILD STEEL Abrasive blast clean to Grade Sa 2½. of ISO 8501-1:2007 or prepare steel mechanically so that the surface has a pronounced metallic sheen (Grade St3). Mechanical cleaning is not as effective and results in a shorter maintenance-free life. • STAINLESS STEEL Degrease with PLASCON AQUASOLV DEGREASER (GR 1) followed by clean water rinses. Repeat this cleaning procedure if necessary until a water break-free surface has been achieved. Then abrade the surface lightly to provide a key. • GALVANISED STEEL Clean with METALCARE GALVANISED IRON CLEANER (GIC 1) followed by clean water rinses. Repeat this cleaning procedure if necessary until a water break-free surface has been achieved. • ALUMINIUM AND OTHER ALLOYS Degrease with PLASCON AQUASOLV DEGREASER (GR 1) followed by clean water rinses. Repeat this cleaning procedure if necessary until a water break-free surface has been achieved. Abrade lightly with abrasive pads or fine sand paper (e.g. 400 grit) to remove oxide layers. Dust off. • FIBRE GLASS Degrease thoroughly with NO. 40 LACQUER THINNERS (ILS 1), then abrade with 150 – 220 grit paper to provide a key. Wipe down again with NO 40 LACQUER THINNERS.
Application	<ul style="list-style-type: none"> • Suitable as supplied for application by brush. • For spraying thin as recommended. • Apply one semi-transparent coat.
Cautions	<ul style="list-style-type: none"> • Not recommended for use under dual pack epoxy coatings since residual acid from the ETCH PRIMER may inhibit the cure of the epoxy and cause lifting of subsequent coats. • Discard any mixed material left over from the previous day. • Do not expose to high humidity, moisture or rain before overcoating.
Safety Precautions	<ul style="list-style-type: none"> • Always keep paint out of reach of children. • Ensure good ventilation during application and drying. • 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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