

ANTI STRESS CORROSION LACQUER

PRODUCT CODE: UP 13

TECHNICAL DATA SHEET

Product Description	Dual pack Polyurethane acrylic anti stress corrosion lacquer.	
Intended Uses	For use as an anti-stress corrosion lacquer on stainless steel	
Features & Benefits	<ul style="list-style-type: none"> • Quick drying - touch dry in less than 30 minutes. • Good chemical resistance (excluding strong acids and alkalis) 	
Product Information	<p>Appearance</p> <p>Colours</p> <p>Tinting</p> <p>Generic type</p> <p>Solids (mixed)</p> <p>Recommended DFT</p> <p>Theoretical spreading rate</p> <p>Viscosity at 23 °C (mixed)</p> <p>Pot life (mixed)</p> <p>Resistance to Temperature</p> <p>Flash Point</p>	<p>High gloss</p> <p>Clear (UP13)</p> <p>Tint with 2.5 % Plascothane UP Yellow oxide if required</p> <p>Polyurethane acrylic resin</p> <p>Approx. 37 % by volume</p> <p>15-25um</p> <p>18.5 m²/L @ 20 µm</p> <p>28-32 seconds Ford Cup No. 4</p> <p>6 h @ 23 °C</p> <p>Intermittent up to 160 °C (slight discolouration will occur at 160 °C)</p> <p>23 °C</p>
Application Details	<p>Mixing</p> <p>Method</p> <p>Thinner</p> <p>Cleaning</p> <p>Drying time</p>	<p>Stir base with a flat paddle until homogeneous. Mix in ratio supplied, viz. 9 parts BASE: 1 part CATALYST (KAT 518) by volume.</p> <p>Conventional spraying.</p> <p>Thin with UNIVERSAL REDUCER (PUR 1) to required spraying viscosity.</p> <p>UNIVERSAL REDUCER (PUR 1) or NO. 40 LACQUER THINNER (ILS 1).</p> <p>Touch dry 20 min @ 23 °C</p> <p>Overcoating interval Min: 30 min @ 23 °C Max: 48 h @ 23 °C</p> <p>Dry to handle 4 h @ 23 °C</p> <p>Full cure 7 days @ 23 °C</p>
Storage and Packaging	<p>Store away from direct sun, heat and severe cold.</p> <p>Packaging: Base: 4,5 L Catalyst : (KAT 518) 500 ml</p>	
Surface Preparation	<p>All surfaces must be clean, sound and dry.</p> <p>ALUMINIUM, STAINLESS STEEL AND OTHER ALLOYS:</p> <ul style="list-style-type: none"> • Degrease with PLASCON AQUASOLV DEGREASER (GR 1) and rinse thoroughly with fresh water until a water break free surface is obtained. • Abrade surfaces with abrasive scouring pads to remove oxidised layers and provide a key. 	
Application	<ul style="list-style-type: none"> • Thin as recommended and apply wet-on-wet coats to achieve the required DFT. 	

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Cautions	<ul style="list-style-type: none"> In certain chemical environments stainless steel can fail through stress corrosion cracking in the presence of Ammonia Nitrate or Chlorides. Stress corrosion cracking occurs frequently in lagged stainless steel vessels and piping. <p>Methods of control:</p> <ol style="list-style-type: none"> Design Impervious membrane on the outside of the lagging, where possible. As a last resort, an anti-stress corrosion lacquer is used as a firmly adhering, low permeability barrier on suitably prepared stainless steel <ul style="list-style-type: none"> Do not apply PLASCOTHANE POLYURETHANE directly to acrylic lacquers and synthetic alkyd enamels.
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. CATALYST contains isocyanate – use suitable respirator, particularly during spray application of the mixed material. 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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