

GLETEX 8 UNDERCOAT

PRODUCT CODE: PL 2

TECHNICAL DATA SHEET

Product Description	<ul style="list-style-type: none"> A two pack epoxy polyamide undercoat for GLETEX 8 POLYURETHANE ENAMEL (PL RANGE). 													
Intended Uses	<ul style="list-style-type: none"> Used as an undercoat for GLETEX 8 POLYURETHANE ENAMEL (PL RANGE) on mild steel, timber, glass fibre, non-ferrous metals and masonry surfaces. The GLETEX 8 system is a high quality durable system used on boats, chemical plants, food factories, etc. 													
Features & Benefits	<ul style="list-style-type: none"> A fast drying undercoat with good adhesion to a variety of surfaces. Enhances the protective qualities of the full system. 													
Product Information	<p>Appearance</p> <p>Colour</p> <p>Generic type</p> <p>Solids</p> <p>Viscosity @ 23 °C</p> <p>Pot life (after mixing)</p> <p>Recommended DFT</p> <p>Recommended WFT</p> <p>Theoretical spreading rate</p> <p>Practical spreading rate</p> <p>VOC</p>	<p>Semi matt</p> <p>White</p> <p>Epoxy polyamide</p> <p>44 % by volume</p> <p>63 KU (typical)</p> <p>6 h min @ 23 °C</p> <p>30 – 40 µm per coat</p> <p>68 – 91 µm per coat</p> <p>12.6 m²/L per coat @ 35 µm</p> <p>The practical spreading rate will vary depending on the profile of the substrate, as well as the application technique and tools used.</p> <p>335 g/L</p>												
Application Details	<p>Mixing</p> <p>Method</p> <p>Thinner</p> <p>Cleaning</p> <p>Drying time</p> <p>Application Environment</p>	<p>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, i.e. 3 parts BASE to 1 part HARDENER by volume. Allow 30 min. induction time before use.</p> <p>Brush or spray.</p> <p>No thinning required for brush application. For spraying, thin with a minimum amount of G.P. EPOXY REDUCER (EPT 1) to achieve optimum atomisation.</p> <p>G.P. EPOXY REDUCER (EPT 1)</p> <p>Touch dry: 1 h min @ 23 °C</p> <p>Over coating: Min: 8 h @ 23 °C</p> <p>Max: 48 h @ 23 °C - If this time is exceeded, ensure that surface is thoroughly clean and then abrade with 220 grit paper to provide a key before recoating</p> <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 2 °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 2 °C min. above dew point			Max.: 35 °C	Max.: 35 °C	Max.: 85%
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Storage and Packaging	<p>Store away from direct sun, heat and severe cold.</p> <p>Packaging: 1 L</p>													

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Surface Preparation	<p>All surfaces must be clean, dry, and free from oil, grease or any other contaminants.</p> <ul style="list-style-type: none"> MILD STEEL: All surfaces to be painted should be thoroughly degreased using AQUASOLV DEGREASER (GR 1) followed by clean water rinses. Mill Scale: Abrasive blast clean to Grade Sa 2 ½. of ISO 8501-1:2007 (bright metal) with a blast profile not exceeding 20-30 µm using Garnet Mica. Rusted Mild Steel: Mechanical wire brush to Grade St 3 of the same standard (bright metal), this is not as effective and may result in a shorter maintenance free period. Apply 1 coat of AQUANOVA PRIMER (WHP 1) followed by 1 coat of GLATEX 8 UNDERCOAT (PL 2). GALVANISED STEEL: Clean with METALCARE GALVANISED IRON CLEANER (GIC 1) to achieve water break-free surface and rinse thoroughly with water. Abrade lightly with fine grit paper and dust off. Then apply EPIWASH STRONTIUM CHROMATE PRIMER (AW 255) followed by GLATEX 8 UNDERCOAT (PL 2). ALUMINIUM: Degrease with AQUASOLV DEGREASER (GR 1) and rinse thoroughly with water. Abrade with 220 grit sandpaper to provide a key and dust off. Then apply EPIWASH STRONTIUM CHROMATE PRIMER (AW 255) followed by GLATEX 8 UNDERCOAT (PL 2). FIBRE-GLASS: Remove oil/wax with NO. 40 LACQUER THINNER (ILS 1). Then sandpaper to an overall matt finish with 220 grit paper and wipe down again with LACQUER THINNER. Apply GLATEX 8 UNDERCOAT (PL 2). WOOD: Surface must be clean and well sanded. Apply 1 coat of GLATEX 8 UNDERCOAT (PL 2) if finishing off with a pigmented enamel finish. For a clear finish no undercoat is required CEMENT OR CONCRETE: Ensure that the surface is completely dry, firm, and free from dirt and grease. Then apply 1 coat of GLATEX 8 UNDERCOAT (PL 2).
Application	<ul style="list-style-type: none"> Ready for use after mixing for application by brush. Thin as recommended for spray application.
Cautions	<ul style="list-style-type: none"> Ensure that recommended mixing ratio is adhered to. Discard any mixed material left over from the previous day. Use only the recommended thinner. Keep equipment free of water at all times. Tends to yellow on exterior exposure if left without a topcoat. Keep containers tightly closed when not in use.
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.

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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