



Barloworld
Plascon South Africa

GLATEX 8 UNDERCOAT

TECHNICAL DATA SHEET NO.: U-2-M
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PRODUCT CODE: PL 2

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

Product Description	<ul style="list-style-type: none"> A two pack epoxy polyamide undercoat for industrial coating systems. 		
Intended Uses	<ul style="list-style-type: none"> Used as an undercoat for GLATEX 8 POLYURETHANE ENAMEL (PL-RANGE) on mild steel, timber, glass fibre, non-ferrous metals and masonry surfaces. The GLATEX 8 system is a high quality durable system used on boats, chemical plants, food factories, etc. 		
Features	<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	Appearance	Semi matt	
	Colour	White	
	Generic type	Epoxy polyamide	
	Solids	Approx. 44 % by volume	
	S G at 23°C	1,20 kg/ℓ (mixed) (typical)	
	Recommended DFT	Min.: 25 µm	Max.: 40 µm
	Theoretical spreading rate	14,7 m²/ ℓ at 30 µm DFT	
	Typical spreading rate	Please apply appropriate correction factors	
	Viscosity at 23 °C	63 KU (typical)	
	Flash Point	25 °C	
	Pot life (after mixing)	6 h min. at 23 °C	
Application Details	Substrate	Well prepared and primed mild steel and non-ferrous metals and for direct application to well prepared timber, fibre-glass and masonry surfaces.	
	Mixing	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. 3 BASE: 1 HARDENER (KAT 513) by volume. Allow 30 min. induction time before use.	
	Method	Brush or spray.	
	Thinner	G.P. EPOXY REDUCER (EPT 1) - Thinning not normally required for brush application. For spraying, thin with minimum amount of thinner to achieve optimum atomisation.	
	Cleaning	G.P. EPOXY REDUCER (EPT 1)	
	Application Environment	Surface Temperature	Ambient Temperature
		Min.: 5 °C	Min.: 5 °C
		or 2 °C min. above dew point	Min.: -
		Max.: 40 °C	Max.: 35 °C
			Max.: 85 %
	Drying time	Touch dry	1 h min at 23 °C
		Recoating	Min.: 8 h at 23 °C
			Max.: 48 h at 23 °C - If this time is exceeded, ensure that surface is thoroughly clean and then abrade using 220 grit sandpaper to provide a key before recoating.
		Dry to handle	24 h at 23 °C
Storage and Packaging	Store away from direct sun, heat and severe cold.		
	Packaging: 500 ml and 1ℓ.		

GLATEX 8 POLYURETHANE UNDERCOAT

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 fresh water rinses. Abrasive blast clean to Grade Sa 2 ½ of the ISO 8501-1:1988 with a blast profile not exceeding 50 µm or prepare steel mechanically so that the surface has a pronounced metallic sheen (Grade St3). Mechanical cleaning is not as effective as abrasive blasting and results in a shorter maintenance-free life. Apply 1 coat of GLATEX 8 METAL PRIMER (PL 3) followed by 1 coat of GLATEX 8 UNDERCOAT (PL 2). GALVANISED STEEL Clean with 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 GLATEX 8 METAL PRIMER (PL 3) 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 GLATEX 8 METAL PRIMER (PL 3) 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, free from dirt and grease. Then apply 1 coat of GLATEX 8 UNDERCOAT (PL 2).
Application	<ul style="list-style-type: none"> Suitable as supplied 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 uncoated. 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 Material Safety Data Sheet for complete information.
Transportation	<p>This product is non-hazardous in accordance with Transportation and Classification of Dangerous Goods Act (1996).</p>

DISCLAIMER:

The recommendations contained herein are given in all 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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