

PLASCOTUFF POLYSILOXANE 8000 SERIES

PRODUCT CODE: PEX 8000 Series & PEH 8 Curing Agent

TECHNICAL DATA SHEET

Product Description	<ul style="list-style-type: none">A high performance two pack product which affords extended lifetime to first maintenance.																										
Intended Uses	<ul style="list-style-type: none">Suitable for sports stadiums, bridges, offshore platforms, chemical plants, pulp and paper mills and power generation.																										
Features & Benefits	<ul style="list-style-type: none">Limited chalkingSuperior gloss retentionExcellent weatherability																										
Product Information	Appearance	High gloss																									
	Colours	White (PEX 8001)																									
	Volume solids	95%																									
	Recommended DFT	75 – 125 µm																									
	Recommended WFT	79 – 132 µm																									
	Theoretical Spreading Rate	9.5 m²/L at 100 µm DFT																									
	Flash Point	> 23 °C for both components and mixed paint																									
Application Details	Mixing Ratio	2,5 parts base (PEX 8000) to 1 part Curing agent (PEH 8) by volume																									
	Mixing	Stir both components separately with a power mixer until homogeneous. Add the curing agent to the base and mix thoroughly together. Mix only in proportions shown above.																									
	Method	<u>Airless spray</u> : Nozzle orifice: 0.013” – 0.017” Nozzle pressure: 152 – 172 bar (2200 - 2500 psi) <u>Brush or roller</u> : Small areas only																									
	Thinner	Use EPOXY POLYSILOXANE (EPT 3) thinner if necessary																									
	Cleaner	EPOXY POLYSILOXANE (EPT 3) thinner																									
	Pot Life	2 h @ 23 °C																									
	Application Environment	<table><tr><td>Surface Temperature</td><td>Ambient Temperature</td><td>Relative Humidity</td></tr><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><tr><td colspan="3">Or 3 °C above dew point</td></tr></table>				Surface Temperature	Ambient Temperature	Relative Humidity	Min.: 10 °C	Min.: 10 °C	Min 10%	Max.: 40 °C	Max.: 40 °C	Max.: 85%	Or 3 °C above dew point												
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Storage and Packaging	Store away from direct sun, heat, open flames, sparks or severe cold. Packaging: Dual Packs: 20L unit : 14,286 L in a 20 L litre container. Base (PEX 8000), 5,714 L in a 10 L container. Curing Agent (PEH 8) 5L unit : 3,571L in a 5 L container. Base (PEX 8000), 1,429 L in a 2 L container. Curing Agent (PEH 8) Shelf life: 12 months																										

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Surface Preparation	<p>The surfaces to be over coated must be clean, dry and free from contamination.</p> <ul style="list-style-type: none"> Oil and grease should be removed using PLASCON AQUASOLV DEGREASER (GR 1) followed by clean water rinses. Soluble chloride content may not exceed 75mg per m². Dust and debris not to exceed 0, 3% when tested in accordance with SANS test method 769. <p>NEW CONSTRUCTION:</p> <ul style="list-style-type: none"> Abrasive blast-clean to SA 2½ of ISO 8501-1:2007 to achieve an angular blast profile of 40 -75 µm. Prime with PLASCOZINC 3 PRIMER (PZO 3/33) or PLASCOZINC INORGANIC ZINC RIMER (PZI 233/LYE 2) Apply PLASCOTUFF EPOXY MIO (PEX 125) as an intermediate coat. <p>MAINTENANCE:</p> <ul style="list-style-type: none"> Previously coated PLASCOTUFF 8000 (PEX 8000 Series) should be degreased & cleaned using AQUASOLV DEGREASER (GR 1) followed with clean water rinses. Light abrasion is required. All corroded areas should be repaired with the specified system. Aged epoxy or non-re-coatable polyurethane systems will require sweep blasting or sanding to a matt finish if PLASCOTUFF 8000 (PEX 8000 Series) is to be directly applied
Application	<ul style="list-style-type: none"> Apply one or more coats to achieve the specified film builds. For optimal performance 100 µm is required.
Caution	<ul style="list-style-type: none"> The level of gloss and surface finish achieved is dependent on application method. If applying PLASCOTUFF 8000 (PEX 8000 Series) by brush or roller or if a bright clean colour is being used, multiple coats may be required to achieve full obliteration and specified DFT. Not Suitable for immersion.
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.
Shipping Weight	<p>UN Shipping No: 1263</p> <p>Dual Pack: 20 L - 20,74 kg (PEX 8000), 5 L - 3,456 kg (PEH 8)</p> <p>Dual Pack: 5 L - 5,276 kg (PEX 8000), 1 L - 0,92 kg (PEH 8)</p>

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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