

EPOXY FLOOR COATING

PRODUCT CODE: EPD 1157, EDP 1158 & EDP 1159

TECHNICAL DATA SHEET

Product Description	A dual pack polyamide cured epoxy finish for concrete floors. Product dries to a tough, hard wearing, and glossy finish.													
Intended Uses	<ul style="list-style-type: none"> A non-skid coating for interior concrete floors. 													
Features & Benefits	<ul style="list-style-type: none"> Resistant to oils, grease and mild chemicals Good adhesion to correctly prepared substrate 													
Product Information	Appearance	Gloss												
	Colours	Green (EPD 1157), Navy light grey (EPD 1158) and Grey (EPD 1159)												
	Generic Type	Epoxy/polyamide												
	Volume solids	42 %												
	Recommended DFT	30 – 50 µm per coat												
	Recommended WFT	71 – 119 µm per coat												
	Theoretical spreading rate	10.5 m²/L at 40 µm												
	Viscosity at 23 °C	50 – 70 seconds Ford Cup No. 4 (mixed)												
	VOC	< 740 g/ L												
Application Details	Mixing	Mix both components, Base and KAT 512 (1:1 by volume). Mix thoroughly with a power mixer for a minimum of 3 minutes until homogeneous. After mixing allow to stand for 10 mins induction time before use.												
	Pot life	3 h @ 23 °C												
	Method	Brush, roller or conventional/airless spray.												
	Thinning	PLASCON G.P. EPOXY REDUCER (EPT 1)												
	Cleaning	PLASCON G.P. EPOXY REDUCER (EPT 1)												
	Substrate	Thoroughly cleaned and prepared concrete												
	Drying time	Touch dry: 2 h @ 23 °C Hard dry: 18 h @ 23 °C												
	Over coating Times	<table border="1"> <thead> <tr> <th>Temp.</th><th>Min.</th><th>Max.</th></tr> </thead> <tbody> <tr> <td>10 °C</td><td>24 h</td><td>96 h</td></tr> <tr> <td>25 °C</td><td>16 h</td><td>72 h</td></tr> <tr> <td>30 °C</td><td>12 h</td><td>48 h</td></tr> </tbody> </table>	Temp.	Min.	Max.	10 °C	24 h	96 h	25 °C	16 h	72 h	30 °C	12 h	48 h
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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 %												
Storage and Packaging	Store away from direct sun, heat and severe cold. Packaging: Dual pack 2.5 L Base, 2.5 Hardener													

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Surface Preparation	<p>All surfaces must be clean, dry and free from contamination.</p> <p>NEW CONCRETE FLOORS:</p> <ul style="list-style-type: none"> Scrub with AQUASOLV DEGREASER (GR 1) to remove all oil grease and contaminants. Rinse thoroughly with clean water and allow to dry completely. High speed vacuum diamond grind to remove laitance. Ensure moisture content is less than 5 % measured on a Doser Hygrometer B4 scale. Seal the floor with PLASCOGUARD GEHOPON SEALER (GW 7). Allow 16 h to dry. Apply 2 coats of EPOXY FLOOR COATING (EPD 1157, 1158 & 1159). <p>PREVIOUSLY PAINTED CONCRETE FLOORS:</p> <ul style="list-style-type: none"> Scrub with AQUASOLV DEGREASER (GR 1). Rinse thoroughly with clean water and allow to dry completely. High speed vacuum diamond grind to remove previous coating and laitance. Ensure that moisture content measured on a suitable moisture meter is less than 5 %, (Max Dozer B4 Scale). Seal the floor with PLASCOGUARD GEHOPON SEALER (GW 7). Allow 16 h to dry. Apply 2 coats of EPOXY FLOOR COATING (EPD 1157, 1158 & 1159).
Application	<ul style="list-style-type: none"> Apply by brush, roller or airless spray to achieve specified WFT.
Caution	<ul style="list-style-type: none"> Application under high humidity conditions may cause solvent blooming.
Safety Precautions	<ul style="list-style-type: none"> Keep out of reach of children. Ensure good ventilation during application and drying. In case of skin contact, wash with soap and water or a recognised skin cleaner. Avoid contact with eyes – In case of contact, rinse eyes immediately with plenty of water and seek medical advice if symptoms persist. Harmful if swallowed. Do not induce vomiting. Seek medical attention. 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 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.

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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