

SPECIFICATION SHEET NO: **RD387**

NEW WORK/REPAINT: REPAINT –INTERIOR
Urban and Industrial Atmospheres
Good chemical resistance. Production areas with high humidity – flooring – moderate traffic areas

SUBSTRATE: Concrete

PAINT FINISH: Plascon Plascoguard Gehopon 7 Sealer **PRODUCT CODE:** EPD 1157/1159
Non-Skid Epoxy Floor Coating
A medium build Epoxy Floor Coating provide good chemical resistance and a non-skid finish

COLOUR: Plascon PC Colour System (SANS; BS & RAL Standards)

ENVIRONMENT: **The Maintenance Cycle is a guide but can vary due to micro-climate changes identified on the site which will affect the longevity of the coating system**

As per ISO 12944: Maintenance Cycle (Years)

C3 - Industrial 4

Plascon Coating System	Application Method	Spreading Rate m ² /ℓ	WFT/DFT μm (min & max)	Reducer/Cleaner	Overcoating time h @ 23 °C	Technical Data Sheet No	TVOC g/ℓ
Spot Sealer Coat Plascon Plascoguard Gehopon 7 Sealer (GW 7) Mixing ratio: 5:1 by mass	B, R (mohair roller)	@ 18 μm Theo: 11.7 Prac: 5.7	WFT 71- 95 DFT 15-20	GP Epoxy Reducer (EPT 1)	12	GW 7	660
1st Final Coat Plascon Epoxy Floor Coating EPD 1157Green EPD 1159 Grey EPD 1158 Navy KAT 512 Hardener) Mixing Ratio: 1:1 by volume	Airless Spray, Conventional Pressure Pot Spray or Brush	5.8 m ² /ℓ @ 50 μm DFT	DFT 30 – 50 WFT 57 – 96	EPT 1	Min 16 hrs Max 72 hrs	EPD 1157 & 1159	
2nd Final Coat Plascon Epoxy Floor Coating EPD 1157Green EPD 1159 Grey EPD 1158 Navy KAT 512 Hardener) Mixing Ratio: 1:1 by volume	Airless Spray, Conventional Pressure Pot Spray or Brush	5.8 m ² /ℓ @ 50 μm DFT	DFT 30 – 50 WFT 57 – 96	EPT 1	Min 16 hrs Max 72 hrs	EPD 1157 & 1159	

SURFACE PREPARATION:

- ^ After a full site assessment has been conducted, select the appropriate surface preparation required from Surface Preparation clauses for remedial procedure.

APPLICATION FOR PRIMER AND FINAL COATS

Sealer Coat

Mix the base and hardener thoroughly in a 5:1 ratio by mass before use.

- ^ Spot prime bare and repaired areas with Plascon Plascoguard Gehopon 7 Sealer (GW 7) by mohair roller at a rate of not more than 7m²/ℓ. Allow 12 hours to dry. Any glossy patches should be sanded to a matt finish.

Finishing Coats

- ^ Premix both components of the Plascon Epoxy Floor Coating (EPD 1157 Green, EPD 1159 Grey or EPD 1158 Navy base/KAT 512 Hardener) using a power mixer for 3 minutes and then apply two coats by mohair roller to a minimum DFT of 30 -50 µm per coat @ a practical spread rate of 7 m²/ℓ @ 50 µm. **(Mixing ratio is 1:1 by volume)**
 - ^ Allow a minimum of 16 hours curing @ 25 °C between coats.
 - ^ Full cure requires 7 days.
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TABLE REFERENCES:

- ^ Technical Data Sheet (TDS): User must always ensure that latest issue is used.
- ^ B = Brush (ready for use), R = Roller (synthetic, min. 10mm pile) (ready for use), S = Airless spray (ready for use).
- ^ Theoretical spreading rate quoted is for smooth non-porous substrates and does not include allowance for surface profile, porosity, wastage and uneven film application. Suitable allowance should be made according to type of work, method and skill of applicator. Practical spreading rate quoted is an average guide only - actual must be determined by user.
- ^ Overcoating times are at 23 °C and 75 % relative humidity. Longer times must be allowed under cooler and moist conditions. DO NOT paint during inclement weather and when temperature is below 10 °C.
- ^ Fading and chalking will occur to a greater or lesser degree depending on pigmentation and generic binder type.
- ^ NB: Life expectancy may vary, depending on environmental conditions and stresses, within the macro/micro climate of the project.

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