

**NEW WORK/REPAINT:** NEW WORK – Internal Gutters

**SUBSTRATE:** Fibre-Cement

**PAINT FINISH:** Plascon Plascoguard Cold Tar Pitch Coating  
(Dual pack epoxy tar waterproofing coating)

**PRODUCT CODE: EPD 100**

**COLOUR:** Black (EPD 100)

**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)

C1 -	Inland	6
C3 -	Industrial	6
C5 -	Coastal / Marine	6

Plascon Coating System	Application Method	Spreading Rate m <sup>2</sup> /ℓ	WFT/DFT μm (min & max)	Reducer/ Cleaner	Overcoating time h @ 23 °C	Technical Data Sheet No	TVOC g/ℓ
<b>Sealer</b> Plascon Plascoguard Gehopon 7 Sealer (GW 7) <b>Mixing ratio:</b> <b>5:1 by mass</b>	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
<b>1<sup>st</sup> Finishing Coat</b> Plascotuff Epoxy Coal Tar - Black (EPD 100/ KAT 518) <b>Mixing Ratio 6:1 by volume</b>	B, R or S	@ 80 μm Theo: 7.4 Prac: 5	WFT 118-153 DFT 70-90	GP Epoxy Reducer (EPT 1)	24 min 4 weeks max	EPD 100	298
<b>2<sup>nd</sup> Finishing Coat</b> Plascoguard Pitch Coating - Black (EPD 100/ KAT 518) <b>Mixing Ratio 6:1 by volume</b>	B, R or S	@ 80 μm Theo: 7.4 Prac: 5	WFT 118-153 DFT 70-90	GP Epoxy Reducer (EPT 1)	24 min 4 weeks max	EPD 100	298

**SURFACE PREPARATION:**

- ^ Ensure that surfaces are clean, dry and sound.
  - ^ Remove dirt and loose particles.
  - ^ Remove fungi and algae by scrubbing with a solution of household bleach (3,5 % sodium hypochlorite) - 1 part bleach to 2 parts water by volume. Leave for 1 hour, brush off with a bristle brush. Rinse thoroughly with tap water to remove all traces of bleach and allow to dry.
  - ^ Moisture content measured with a Doser Hygrometer (or equivalent) must not exceed the following limits before painting:
    - fibre-cement: B 2 scale – 8 %
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**APPLICATION:**

**Sealer Coat**

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

- ^ Apply one coat of Plascon Plascoguard Gehopon 7 Sealer (GW 7) by mohair roller at a rate of not more than 7 m<sup>2</sup>/ℓ to achieve a continuous film. Allow 12 hours to dry. Any glossy patches should be sanded to a matt finish.

**Finishing Coats**

- ^ Always mix a complete unit in the base and curing agent/hardener proportions as supplied. Stir both base and curing agent with a flat paddle until homogenous. Then add curing agent to base and mix thoroughly. Allow to stand for 30 minutes, then use mixed material within 8 hours.
  - ^ Apply one coat of Plascon Plascotuff Epoxy Coal Tar - Black (EPD 100) at a WFT of 118-153 µm to achieve a continuous film. Allow 24 hours, but not more than 4 weeks to dry.
  - ^ Apply a final coat of Plascotuff Epoxy Coal Tar - Black (EPD 100) at a WFT of 118-153 µm.
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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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