

**NEW WORK/REPAINT:** NEW WORK – Waterproofing Inner Gutter Sections

**SUBSTRATE:** Galvanised Steel

**PAINT FINISH:** Plascon Plascotuff 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>Primer</b> Plascon Epiwash Strontium Chromate Primer (AW 255/KAT 508) <b>Mixing ratio 1:1 by volume</b>	B or S	@ 25 μm Theo: 9.6 Prac: 5.1	WFT 83-125 DFT 20-30	GP Epoxy Reducer (EPT 1) Or Epiwash Thinner (TH 128)	4 2 weeks max	AW 255	618
<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:**

**Galvanised iron in good condition:**

- ^ Apply Plascon Galvanized Iron Cleaner (GIC 1) to all bare Galvanized areas by brush, broom or spray.
  - ^ Allow to react for 1 minute. Rinse off with tap water using bristle brooms or brushes or Scotch Brite pads to remove all surface contaminants.
  - ^ Check if surface is water break-free. If not, repeat process. Allow to dry completely.
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**APPLICATION:**

**Primer Coat**

Mix base and hardener thoroughly in a 1:1 ratio by volume before use.

- ^ Apply one coat of Plascon Epiwash Strontium Chromate Primer (AW 255) to achieve a continuous film. Allow minimum 4 hours to dry.

**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  $\mu\text{m}$  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  $\mu\text{m}$ .
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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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