

**NEW WORK/REPAINT:** NEW WORK - EXTERIOR - ROOFS

**SUBSTRATE:** Chromadek/Factory Coated Sheeting

**PAINT FINISH:** Crown Roof Paint  
(Superior quality acrylic roof paint) **PRODUCT CODE: CRP**

**COLOUR:** Standard colours

**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	4
C3 -	Industrial	3
C5 -	Coastal / Marine	3

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> Crown Roof Paint (CRP)	B, R or S	@ 42.5 μm Theo: 5.9 Prac: 3.5	WFT 140-200 DFT 35-50	Water	2	CRP	< 20
<b>2<sup>nd</sup> Finishing Coat</b> Crown Roof Paint (CRP)	B, R or S	@ 42.5 μm Theo: 5.9 Prac: 3.5	WFT 140-200 DFT 35-50	Water	2	CRP	< 20

**SURFACE PREPARATION:**

Chromadek/Factory roof sheeting **older than 5 years** should be assessed and treated as a Redec specification and not New Work

**ADHESION TEST – CROSS HATCH TEST TO ISO STANDARD – ISO 2409: 2013**

- ▲ Conduct random Cross Hatch tests. 90 % pass rate must be achieved. If not the Chromadek/Factory coated sheeting must be stripped.

**CLEANING WITH SUGAR SOAP**

- ▲ Scotch Brite entire area with Polycell Sugar Soap solution – 500 g Polycell Sugar Soap Powder (501703) dissolved in 5 litres water to remove chalkiness and surface contaminants providing a key for painting. Rinse thoroughly with tap water and allow drying.

**SELLOTAPE TEST FOR CLEANLINESS:**

- ▲ Cut a 10-15 cm strip of broad Sellotape (+/-50mm) and using your thumb, press it down firmly onto the dry surface.
  - ▲ Rip the tape off the surface and immediately stick it down on a sheet of clean, white paper.
  - ▲ Check the tape for any discolouration/chalky deposit and if found to be present, the entire cleaning procedure must be repeated.
  - ▲ Contaminant free tape must be evident prior to the application of the coating system.
  - ▲ Ensure that surfaces are clean, dry and sound.
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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**

- ▲ Apply two full coats of Crown Roof Paint (CRP) to achieve complete obliteration, allowing 2 hours drying between coats.
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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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