

**NEW WORK/REPAINT:** NEW WORK – INTERIOR/EXTERIOR

**SUBSTRATE:** Metals - Other: Aluminium, 3CR12, Stainless Steel, Corten Steel, Copper, Brass

**PAINT FINISH:** Plascon Nuroof Cool Acrylic Paint PRODUCT CODE: **TRP 200**  
 (UV resistant waterbased acrylic with infrared reflective technology)

**COLOUR:** White and standard colours as per colour card,

**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 12944-2:1998	Maintenance Cycle (Years)
C1 - Inland	8
C3 - Industrial	8
C5 - Coastal/Marine	8

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> Plascon Nuroof Cool Acrylic Roof Paint (TRP 200)	B, R or S	@ 42.5 μm Theo: 8.5 Prac: 5	WFT 100-140 DFT 35-50	Water	2	TRP 200	40
<b>2<sup>nd</sup> Finishing Coat</b> Plascon Nuroof Cool Acrylic Roof Paint (TRP 200)	B, R or S	@ 42.5 μm Theo: 8.5 Prac: 5	WFT 100-140 DFT 35-50	Water	2	TRP 200	40

**SURFACE PREPARATION:**

- ^ Abrade and clean entire surface using “Scotch Brite” pads in conjunction with Plascon Aquasolv Degreaser (GR 1) to emulsify surface contaminants.
- ^ Rinse thoroughly with tap water to remove all traces of Plascon Aquasolv Degreaser (GR 1).
- ^ Check if surface is water break-free. If not, repeat process.

**POLISHED ALUMINIUM, STAINLESS STEEL AND CR12**

- ^ Roughen using 60 to 80 grit emery paper cloth in conjunction with Plascon Aquasolv Degreaser (GR 1) to provide a key for painting.
  - ^ Rinse thoroughly with tap water and allow to dry.
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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 Plascon Nuroof Cool Acrylic Roof Paint (TRP 200) 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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