

SPECIFICATION NO: **RD327**

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

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

**PAINT FINISH:** Plascothane 9000 Polyurethane (Superior quality acrylic roof paint) **PRODUCT CODE: PRU/PRH9**

**COLOUR:** 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>Spot 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> Plascothane 9000 Polyurethane (PRU/PRH 9) <b>Mixing Ratio 6:1 by volume</b>	B, R or Airless Spray	@ 60 μm Theo: 8.8 Prac: 5.8	WFT 75-141 DFT 40- 75	PT 2	10	PRU	470
<b>2<sup>nd</sup> Finishing Coat</b> Plascothane 9000 Polyurethane (PRU/PRH 9) <b>Mixing Ratio 6:1 by volume</b>	B, R or Airless Spray	@ 60 μm Theo: 8.8 Prac: 5.8	WFT 75-141 DFT 40- 75	PT 2	10	PRU	470

**SURFACE PREPARATION:**

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

**Primer Coat**

**POWER MIX BOTH COMPONENTS UNTIL HOMOGENEOUS**

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

- ^ Spot prime bare and repaired areas with Plascon Epiwash Strontium Chromate Primer (AW 255). Allow minimum 4 hours to dry.

**Finishing Coats**

Mix base and hardener thoroughly in a 6:1 ratio by volume before use.

- ^ Apply two full coat of Plascon Plascothane 9000 Polyurethane Acrylic (PRU 9000/PRH 9) to obtain full obliteration. Allow 10 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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