

SPECIFICATION NO: **RD288t**

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

**SUBSTRATE:** Metals - Mild Steel

**PAINT FINISH:** Plascon Synlac 5000 Enamel  
(Smooth finish – solvent based, premium quality  
quick drying gloss enamel)

**PRODUCT CODE: SL 5000**

**COLOUR:** Standard white, black and range of tinted 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 12944-2:1998 Maintenance Cycle (Years)

C1 -	Inland	3
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>Spot Primer</b> Plascon Plascoprime 170 (UC 170)	B, R or S	@ 45 μm Theo: 11.8 Prac: 7	WFT 76-94 DFT 40-50	Min. Turps (AZH 1)	36	UC 170	388
<b>1<sup>st</sup> Finishing Coat</b> Plascon Synlac 5000 Enamel (SL 5000)	B, R or S	@ 40 μm Theo: 7.5 Prac: 4.4	WFT 100-167 DFT 30-50	Enamel Thinner (TH 77)	2	SL 5000	< 575
<b>2<sup>nd</sup> Finishing Coat</b> Plascon Synlac 5000 Enamel (SL 5000)	B, R or S	@ 40 μm Theo: 7.5 Prac: 4.4	WFT 100-167 DFT 30-50	Enamel Thinner (TH 77)	2	SL 5000	< 575

#### **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**

- ^ Spot prime bare and repaired areas with Plascon Metal Primer (UC 170). Allow 36 hours to dry.

##### **Finishing Coats**

- ^ Apply two full coats of Plascon Synlac 5000 Enamel (SL 5000) to achieve complete obliteration, allowing 2 hours drying between coats.  
NB: if white is applied, three coats might be necessary to achieve obliteration.
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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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