

SPECIFICATION NO: **RD312t**

NEW WORK/REPAINT: REPAINT – EXTERIOR

SUBSTRATE: Metals - Galvanized Iron

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

COLOUR: 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 ² /ℓ	WFT/DFT μm (min & max)	Reducer/Cleaner	Overcoating time h @ 23 °C	Technical Data Sheet No	TVOC g/ℓ
Spot Primer Plascon Plascosafe 18 Primer (EMS 18)	B, R or S	@ 55 μm Theo: 6.7 Prac: 4.4	WFT 135-162 DFT 50-60	Water	WB topcoat: 8 SB topcoat: 16	EMS 18	53.5
1st Finishing Coat 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
2nd Finishing Coat 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 Plascosafe 18 Primer (EMS 18). Allow 8 hours drying time (water based topcoat) or 16 hours drying time (solvent based topcoat).

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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