

SPECIFICATION NO: **RD310t**

NEW WORK/REPAINT: REPAINT – INTERIOR / EXTERIOR

SUBSTRATE: Metals - Galvanized Iron

PAINT FINISH: Professional Brilliant White Gloss Enamel (Smooth finish – solvent based, durable high gloss enamel) **PRODUCT CODE: PSB 1000**

COLOUR: White plus Plascon colour system and other fan decks.
(NOTE: THE TINT BASES IS TGE)

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 Professional Brilliant White Gloss Enamel (PSB 1000/TGE)	B, R or S	@ 30 μm Theo: 16.3 Prac: 9	WFT 51-71 DFT 25-35	Min Turps (AZH 1)	16	PSB 1000	381 white <415 tint bases
2nd Finishing Coat Professional Brilliant White Gloss Enamel (PSB 1000/TGE)	B, R or S	@ 30 μm Theo: 16.3 Prac: 9	WFT 51-71 DFT 25-35	Min Turps (AZH 1)	16	PSB 1000	381 white < 415 tint bases

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 Professional Brilliant White Gloss Enamel (PSB 1000/TGE) to achieve complete obliteration, allowing 16 hours drying between coats.
NB: if white is used, 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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