

SPECIFICATION NO: **RD289t**

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

**SUBSTRATE:** Metals - Mild Steel

**PAINT FINISH:** Professional Eggshell Enamel PRODUCT CODE: **PSB700**  
(Smooth finish – solvent based, durable eggshell enamel finish)

NOTE: TO TINT USE TEG TINT BASE

**COLOUR:** White plus Plascon colour system and other fan decks.

**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           | 5 |
| C3 - | Industrial       | 5 |
| C5 - | Coastal / Marine | 5 |

| Plascon Coating System   | Application Method | Spreading Rate<br>m <sup>2</sup> /ℓ | WFT/DFT<br>μm<br>(min & max) | Reducer/<br>Cleaner      | Overcoating<br>time<br>h @ 23 °C | Technical<br>Data Sheet<br>No | TVOC<br>g/ℓ |
|--|--------------------|-------------------------------------|------------------------------|--------------------------|----------------------------------|-------------------------------|-------------|
| <b>Spot Primer</b><br>Plascon<br>Plascoprime 170<br>(UC 170)                             | B, R or S          | @ 45 μm<br>Theo: 11.8<br>Prac: 7    | WFT 76-94<br>DFT 40-50       | Min.<br>Turps<br>(AZH 1) | 36                               | UC 170                        | 388         |
| <b>1<sup>st</sup> Finishing Coat</b><br>Professional<br>Eggshell Enamel<br>(PSB 700/TEG) | B, R or S          | @ 30 μm<br>Theo: 11.7<br>Prac: 6.4  | WFT 71-100<br>DFT 25-35      | Min<br>Turps<br>(AZH 1)  | 16                               | PSB 700                       | 438         |
| <b>2<sup>nd</sup> Finishing Coat</b><br>Professional<br>Eggshell Enamel<br>(PSB 700/TEG) | B, R or S          | @ 30 μm<br>Theo: 11.7<br>Prac: 6.4  | WFT 71-100<br>DFT 25-35      | Min.<br>Turps<br>(AZH 1) | 16                               | PSB 700                       | 438         |

**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 Professional Eggshell Enamel (PSB 700/TEG) 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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