

SPECIFICATION NO: **RD29t**

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

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

**PAINT FINISH:** Plascon Waterbased Velvagio  
Premium Quality Satin Finish Non Drip Waterbased Enamel

**PRODUCT CODE: VLW**

**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           | 8 |
| C3 - | Industrial       | 7 |
| C5 - | Coastal / Marine | 7 |

| 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 Epiwash<br>Strontium<br>Chromate Primer<br>(AW 255/KAT 508)<br><b>Mixing ratio 1:1<br/>by volume</b> | B or S             | @ 25 μm<br>Theo: 9.6<br>Prac: 5.1   | WFT 83-125<br>DFT 20-30      | GP<br>Epoxy<br>Reducer<br>(EPT 1)<br>Or<br>Epiwash<br>Thinner<br>(TH 128) | 4<br>2 weeks<br>max              | AW 255                        | 618   |
| <b>1<sup>st</sup> Finishing Coat</b><br>Plascon<br>Waterbased<br>Velvagio<br>(VLW/TVW)   | B, R or S          | @ 35 μm<br>Theo: 9.7<br>Prac: 5.5   | WFT 88-118<br>DFT 30-40      | Water   | 4                                | VLW                           | 46-50 white,<br>pastel tinted<br>< 53-60 deep<br>&<br>transparent<br>bases tinted |
| <b>2<sup>nd</sup> Finishing Coat</b><br>Plascon<br>Waterbased<br>Velvagio<br>(VLW/TVW)   | B, R or S          | @ 35 μm<br>Theo: 9.7<br>Prac: 5.5   | WFT 88-118<br>DFT 30-40      | Water   | 4                                | VLW                           | 46-50 white,<br>pastel tinted<br>< 53-60 deep<br>&<br>transparent<br>bases tinted |

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- ^ 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

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

- ^ Apply two full coats of Plascon Waterbased Velvagio (VLW/TVW) to achieve complete obliteration, allowing 4 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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