

SPECIFICATION NO: **RD332r**

NEW WORK/REPAINT: REPAINT – INTERIOR

SUBSTRATE: Metals - Other: Aluminium, galvanized iron

PAINT FINISH: Plascon Velvaglo Satin
(Smooth finish – solvent based, premium non-drip satin polyurethane enamel)

PRODUCT CODE: VLO

COLOUR: White and standard colours as per colour card, 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	7
C3 -	Industrial	7
C5 -	Coastal / Marine	7

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 Prime Plascon Velvaglo Satin (VLO/TVG)	B, R or S	@ 30 μm Theo: 15 Prac: 8.3	WFT 56-89 DFT 25-40	Min Turps (AZH 1)	16	VLO	435 white 403 pastel & transparent 409 deep
2 Finishing Coats Plascon Velvaglo Satin (VLO/TVG)	B, R or S	@ 30 μm Theo: 15 Prac: 8.3	WFT 56-89 DFT 25-40	Min Turps (AZH 1)	16	VLO	435 white 403 pastel & transparent 409 deep

SURFACE PREPARATION:

ALUMINIUM

- ^ Abrade and clean entire surface using “Scotch Brite” pads in conjunction with Plascon Aquasolv Degreaser (GR 1) to emulsify surface contaminants.
- ^ Rinse thoroughly with tap water to remove all traces of Plascon Aquasolv Degreaser (GR 1).
- ^ Check if surface is water break-free. If not, repeat process.

POLISHED ALUMINIUM

- ^ Roughen using 60-80 grit emery paper cloth in conjunction with Plascon Aquasolv Degreaser (GR 1) to provide a key for painting.
- ^ Rinse thoroughly with tap water and allow to dry

GALVANIZED IRON

Galvanized iron in good condition:

- ^ Apply Plascon Galvanized Iron Cleaner (GIC 1) to all bare Galvanized areas by brush, broom or spray.
- ^ Allow to react for 1 minute. Rinse off with tap water using bristle brooms or brushes or Scotch Brite pads to remove all surface contaminants.
- ^ Check if surface is water break-free. If not, repeat process. Allow to dry completely.

Old Galvanized iron partially rusted:

- ^ Apply Plascon Galvanized Iron Cleaner (GIC 1) to all bare Galvanized areas by brush, broom or spray.
- ^ Allow to react for 1 minute. Rinse off with tap water using bristle brooms or brushes or Scotch Brite pads to remove all surface contaminants.
- ^ Check if surface is water break-free. If not, repeat process. Allow to dry completely.
- ^ Mechanically wire brush or hand sand rust areas to bright metal. Remove dust.
- ^ Spot prime areas where rust has been removed with Plascon Plascotuff 3000 Series (PEX 3004 Grey/PEH 3 Hardener) Allow 16 hours to dry.

APPLICATION:

Finishing Coats

- ^ Spot prime bare and repaired areas with Plascon Velvagio Satin (VLO/TVG) and allow 16 hours to dry.
 - ^ Apply two full coats of Plascon Velvagio Satin (VLO/TVG) 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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