

NEW WORK/REPAINT: NEW WORK – INTERIOR / EXTERIOR

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

PAINT FINISH: Plascothane 9000 Polyurethane (Superior quality acrylic roof paint) **PRODUCT CODE: PRU/PRH9**

COLOUR: Standard colours as per colour card

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	8
C5 -	Coastal / Marine	8

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
Primer Plascon Epiwash Strontium Chromate Primer (AW 255/KAT 508) Mixing ratio 1:1 by volume	B or S	@ 25 μm Theo: 9.6 Prac: 5.1	WFT 83-125 DFT 20-30	GP Epoxy Reducer (EPT 1) Or Epiwash Thinner (TH 128)	4 2 weeks max	AW 255	618
1st Finishing Coat Plascothane 9000 Polyurethane (PRU/PRH 9) Mixing Ratio 6:1 by volume	B, R or Airless Spray	@ 60 μm Theo: 8.8 Prac: 5.8	WFT 75-141 DFT 40- 75	PT 2	10	PRU	470
2nd Finishing Coat Plascothane 9000 Polyurethane (PRU/PRH 9) Mixing Ratio 6:1 by volume	B, R or Airless Spray	@ 60 μm Theo: 8.8 Prac: 5.8	WFT 75-141 DFT 40- 75	PT 2	10	PRU	470

SURFACE PREPARATION:

- ^ 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, STAINLESS STEEL AND CR12

- ^ Roughen using 60 to 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.
-

APPLICATION:

POWER MIX BOTH COMPONENTS UNTIL HOMOGENEOUS

Primer Coat

Mix base and hardener thoroughly in a 1:1 ratio by volume before use.

- ^ Apply one coat of Plascon Epiwash Strontium Chromate Primer (AW 255) to achieve a continuous film. Allow minimum 4 hours to dry.

Finishing Coats

Mix base and hardener thoroughly in a 6:1 ratio by volume before use.

- ^ Apply two full coat of Plascon Plascothane 9000 Polyurethane Acrylic (PRU 9000/PRH 9) to obtain full obliteration. Allow 10 hours drying between coats.
-

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.

Copyright ©Kansai Plascon (Pty) Ltd 2013. All rights reserved. No part of this work may in any form or by any means be reproduced without prior written permission of the copyright owner. PLASCON is the registered trade mark of Kansai Plascon (Pty) Ltd,
