

NEW WORK/REPAINT: NEW WORK – INTERIOR / EXTERIOR

SUBSTRATE: Metals - Galvanized Iron

PAINT FINISH: Plascon Plascothane Polyurethane Enamel
(Smooth finish – solvent based, tough, fast drying 2-pack
polyurethane-acrylic gloss)
9:1 Mixing ratio by volume

PRODUCT CODE: **UP**

COLOUR: White

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 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 9:1 Polyurethane Enamel (UP/KAT 518) Mixing ratio 9:1 by volume	S	@ 30 μm Theo: 14 Prac: 7.7	WFT 60-119 DFT 25-50	Polyure- thane Acrylic Thinner (AW 260)	30 mins min 48 max	UP	523 white 610 colours & toners
2nd Finishing Coat Plascothane 9:1 Polyurethane Enamel (UP/KAT 518) Mixing ratio 9:1 by volume	S	@ 30 μm Theo: 14 Prac: 7.7	WFT 60-119 DFT 25-50	Polyure- thane Acrylic Thinner (AW 260)	30 mins min 48 max	UP	523 white 610 colours & toners

SURFACE PREPARATION:

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:

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 the base and hardener thoroughly, in the ratio of 9:1 by volume.

- ^ Apply two full coats of Plascon Plascothane Polyurethane Enamel (UP) to achieve complete obliteration, allowing 30 minutes 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,
