KANSAI PLASCON

SPECIFICATION SHEET NO: **NW433**

NEW WORK/REPAINT: NEW WORK – EXTERIOR – ROOFS
UP TO 1 KM FROM THE COAST AND INCLUDES INDUSTRIAL FALLOUT AREAS.

SUBSTRATE: Metals - Galvanized Iron

PAINT FINISH: Plascon Nuroof Cool Acrylic Roof Paint PRODUCT CODE: **TRP 200**
(Premium quality acrylic roof paint with infared reflective technology

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COLOUR: As per standard 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:		Maintenance Cycle (Years)
C1 -	Inland	10
C3 -	Industrial	10
C5 -	Coastal / Marine	10

PLEASE NOTE: This specification is for areas up to 1 km from the coast or Industrial areas with acid rain and chemical fallout

Plascon Coating System	Application Method	Spreading Rate m²/ℓ	WFT/DFT µm (min & max)	Reducer/ Cleaner	Overcoating time h @ 23 °C	Technical Data Sheet No	TVOC g/ℓ
Primer Plascon Plascotuff 3000 series (PEX 3004 Grey/ PEH 3 Hardener) **Mixing Ratio: 4:1 by volume**	Airless Spray, R or B	5.3 m²/ℓ @ 153 µm	DFT 100-200 WFT 125-250	EPT 2	16 min 2 weeks max **See Notes below**	PEX 3000	
1st Finishing Coat Plascon Nuroof Cool Acrylic Roof Paint (TRP 200)	B, R or S	@ 42.5 µm Theo: 8.5 Prac: 5	WFT 100-140 DFT 35-50	Water	2	TRP 200	40
2nd Finishing Coat Plascon Nuroof Cool Acrylic Roof Paint (TRP 200)	B, R or S	@ 42.5 µm Theo: 8.5 Prac: 5	WFT 100-140 DFT 35-50	Water	2	TRP 200	40

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SURFACE PREPARATION:

Galvanised 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 Galvanised Iron partially rusted:

^ Where the Zinc has been depleted the corroded areas must be prepared to ISO 8501-1: 2007 St 3 (bright metal finish, e.g. mechanical wire brushing). Patch Prime using Plascon Plascotuff 3000 (PEX 3004 Grey/PEH 3 Mixing ratio 4:1 by volume) to a DFT of 100–200 µm or WFT of 125–250 µm @ a theoretical spread rate of 5.3 m²/ℓ.

APPLICATION: PLEASE NOTE POWER MIXING IS ESSENTIAL BEFORE USE FOR PRODUCT CONSISTENCY

Primer Coat

^ Apply one coat of Plascon Plascotuff 3000 Series (PEX 3004 Grey/PEH 3) Premix both components of the Plascon Plascotuff 3000 Series (PEX 3004 Grey/PEH 3) using a power mixer for 3 minutes and then apply (preferably) by airless spray to a minimum DFT of 100–200 µm or WFT of 125-250 µm @ a theoretical spread rate of 5.3 m²/ℓ. Allow 16 hours to dry.

NOTE: **OVER COATING TIME**

"Should the primer be left for long periods surface contaminates should be washed off using a sugar soap solution and if high temperatures have been experienced sanding or Scotch Brite pads should be used to provide a key for good inter-coat adhesion of top coats."

Finishing Coats

^ Apply two full coats of Plascon Nuroof Cool Acrylic Roof Paint (TRP 200) to achieve complete obliteration, allowing 2 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.