SPECIFICATION SHEET NO: **RD433**

**NEW WORK/REPAINT:** REPAINT – 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

**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 |
|---|---|---|---|---|---|---|---|
| **Spot Primer Coat** 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 |

Revision Date: June 2016

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## SURFACE PREPARATION:

^ After a full site assessment has been conducted, select the appropriate surface preparation required from Surface Preparation clauses for remedial procedure.

## APPLICATION:

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

**Primer Coat**

^ Spot prime bare and repaired areas with 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.