

PLASCOTHANE HIGH PERFORMANCE POLYURETHANE

PRODUCT CODE: PRC Range

Surface Preparation	<p>All surfaces must be clean, sound and dry. REFER TO DETAILED SPECIFICATION DOCUMENT</p> <p>PRE-COATED CLADDING AND SHEETING ROOFS:</p> <ul style="list-style-type: none"> • Adhesion tests of the factory coated material must be done randomly on the roof: • Adhesion must be checked by 2mm cross-hatch test method SANS 5159:1975. A 90% pass rate must be achieved. If not, all existing paint must be removed by using water cooled mechanical wire brushing or the appropriate REMOVAL PAINT REMOVER. • Sand off any rust spots back to bright clean metal by means of mechanical sanding to St. 3 of the International Standard ISO 8501-1:1998. • Refit overlaps and loose sheets which are standing proud. Replace any loose, rusted screws and bolts as well as perished washers. • Clean the entire surface firstly by scrubbing with REMOVAL HIGH STRENGTH CLEANER (RCI 70) and Scotch-Brite pads. (This will remove dirt and any other contaminants and also abrade the surface slightly to provide a key for subsequent coats). • Rinse the entire surface thoroughly with high pressure water blasting. Allow to dry and check for water break-free surface. If not water-break free, repeat cleaning process. • Ensure that all surfaces are clean, sound and dry. • A tape test must be conducted to check cleanliness. <p>GALVANISED IRON ROOFS:</p> <ul style="list-style-type: none"> • Clean surfaces with GALVANISED IRON CLEANER (GIC 1) to remove temporary protective coatings and other contaminants, including white rust. • Rinse thoroughly with fresh water and allow drying. A water break-free surface must be achieved, if not, the process is to be repeated. • Ensure that all surfaces are clean, sound and dry. <p>ALUMINIUM ROOFS:</p> <ul style="list-style-type: none"> • Remove surface contaminants and debris with REMOVAL HIGH STRENGTH CLEANER (RCI 70) using a bristle scrubbing brush. • Rinse the entire surface thoroughly with high pressure water blasting and allow to dry. Check for a water-break free surface, if this is not achieved, repeat the cleaning process. • Ensure surfaces are clean, sound and dry before painting. <p>RECOMMENDED PRIMER:</p> <ul style="list-style-type: none"> • EPIWASH STRONTIUM CHROMATE PRIMER (AW 255). • Where corrosion has occurred and is removed use PLASCOTUFF 3000 (PEX 3000)- refer to project consultant <p>OTHER STEEL SUBSTRATES:</p> <ul style="list-style-type: none"> • The surfaces to be overcoated must be clean, dry and free from contamination. • Oil and grease should be removed using AQUASOLV DEGREASER (GR 1) followed by clean water rinses. • Soluble chloride content may not exceed 75mg per m². • Dust and debris not to exceed 0, 3% when tested in accordance with SANS test method 769. • Aged epoxy or non re-coatable polyurethane systems will require sweep blasting or sanding to a matt finish if PLASCOTHANE HIGH PERFORMANCE PU (PRC Range) is to be directly applied.
Application	<ul style="list-style-type: none"> • Airless application required for a one coat finish to achieve desired dry film thickness • For roller application use a medium pile roller. Product can be layed off with a brush. • When roller application is used two finishing coats are required in order to achieve the minimum DFT specified. • Use the same batch number for the final coat on any continuous surface.
Cautions	<ul style="list-style-type: none"> • Do not apply PLASCOTHANE HIGH PERFORMANCE POLYURETHANE (PRC Range) directly to alkyd enamels. • Wet film readings must be taken continuously. • Do not paint surfaces when the ambient temperature is less than 10 °C. • Do not paint in the early morning or late afternoon when dew may be present on the surface or during inclement weather. • During summer months, it is not advisable to paint during the heat of the day, since temperatures may be too high and cause bubbling in the applied paint. • Application in high humidity environments (>85% RH) may cause surface bloom

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Safety Precautions

- Always keep paint out of reach of children.
 - Ensure good ventilation during application and drying.
 - If accidental contact with skin should occur, wash immediately with soap and water or a recognised skin cleaner.
 - Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical attention.
 - Harmful if swallowed. Seek medical attention and do not induce vomiting.
 - Do not smoke while painting.
 - Flammable. Store in a cool dry place away from heat and sparks.
 - Refer to Material Safety Data Sheet for complete information.
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DISCLAIMER:

The recommendations contained herein are given in good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

N.B. Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used.

N.B. TO ORDER: Quote product name, product code number, packaging and colour.

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