

# Technical Data Sheet

## PREMIUM ROOF AND PAVING

DATE: 18 July 2017

THIS SUPERCEDES ALL PREVIOUS PUBLICATIONS

Prominent Premium Roof & Paving is a superior high quality, UV resistant, acrylic sheen coating with excellent adhesion qualities to handle expansion, contraction and flexibility. Combining performance and long lasting colour durability.



### INTENDED USES:

1. Direct application to new or previously painted, correctly prepared cement tiles, galvanised iron roofs and paving surfaces.
2. Can also be used on galvanised garage doors, galvanised gutters, cement and sheet metal, cladding, garden pots, window sills and fascia boards.
3. As a waterproofing topcoat over saturated membranes.

### FEATURES:

1. Good UV resistance hence does not chalk. Normal fading of colours will take place over time.
2. Water based for easy cleaning and short recoating periods.
3. Hardwearing.
4. Durable against normal weather conditions.
5. Easy to apply.
6. 100% lead free and can be tinted to specific colour requirements.

### PRODUCT INFORMATION:

<b>Appearance:</b>	Low Sheen.
<b>Colours:</b>	Standard colours as per colour card. Tint bases to tint most of the colours on the tint system.
<b>Solids:</b>	± 45% by mass and 39% by volume.
<b>Density:</b>	± 1,15kg/l.
<b>Recommended Dry Film Thickness:</b>	2 coats x 40µm per coat = 80µm.
<b>Spreading rate:</b>	3 - 8 m <sup>2</sup> /l per coat depending on the type of surface to be painted and the surface texture and porosity. E.g. <b>Cement tile roofs 3-4m<sup>2</sup>/l per coat &amp; Galvanised Roofs 5-6m<sup>2</sup>/l per coat.</b>
<b>Viscosity at 23°C:</b>	± 90Kµ.
<b>Life expectancy:</b>	12 Years, Roofs only.
<b>Flash point:</b>	Non-flammable.
<b>Respecting the environment:</b>	<b>100% Lead Free.</b> Dispose of excess product and containers in a responsible manner without harming the environment.

### STORAGE:

Keep containers properly sealed.  
Store away from direct heat, sun and severe cold  
in a place with adequate ventilation.

### PACKAGING:

5Lt, 20Lt

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## APPLICATION DETAILS:

<b>Mixing:</b>	Stir well before use with a flat paddle to a homogenous consistency. Stir occasionally during use.		
<b>Method:</b>	Block brush, roller or airless spray gun.		
<b>Thinning:</b>	Not recommended.		
<b>Cleaning:</b>	Tap water. Remove as much of the product as possible from the application equipment before cleaning with water.		
<b>Application Conditions:</b>	<u>Surface Temperature</u>	<u>Ambient Temperature</u>	<u>Relative Humidity</u>
	Min: 5°C	Min: 5°C	Min: 10%
	or 2°C above dew point, if possible away from direct sunlight.		
	Max: 40°C	Max: 40°C	Max: 85%
<b>Drying time:</b>	<u>Touch dry:</u> 30min – 1h at 23°C	<u>Overcoating:</u> 4h at 23°C	<u>Full cure:</u> 7-8 days at 23°C
	Note: higher temperatures will accelerate the drying times (approximately halved for every 10°C increase) whilst lower temperatures will retard the drying times (approximately doubled for every 10°C decrease).		
<b>Requirements:</b>	2 coats minimum ( <i>some bright/chromatic colours may require additional coats</i> )		

## SURFACE PREPARATION

Surfaces must be sound, clean and dry (moisture level below 15% for cementitious surfaces) before painting. Waterproofing of flashings and roof screws needs to be done after preparation and priming before application of the PREMIUM ROOF AND PAVING.

### 1. New work:

- |                                    |   |
|------------------------------------|---|
| 1.1 New Galvanised Sheetting       | Remove fabricators pre-treated oil, oxidation or any other contamination with Prominent Multi Surface Etch Cleaner and abrasive pads. Ensure that a <u>water break-free surface</u> is obtained. Rinse well and allow drying before applying 1 coat Prominent Galvanised Iron Primer. |
| 1.2 New Chromadek Sheetting        | Wash down with Prominent Multi Surface Etch Cleaner and abrasive pads. Ensure that a <u>water break-free surface</u> is obtained. Rinse well and allow drying. Apply 2 coats Prominent Ultra Prime.   |
| 1.3 Weathered Galvanised Sheetting | Loose rust and oxidation must be mechanically removed. Clean with Prominent Multi Surface Etch Cleaner and abrasive pads to a <u>water break-free surface</u> . Rinse well and allow drying before coating with 2 coats Prominent Rust Primer.  |
| 1.4 Cement Roof tiles              | Must be cleared of any algae and fungus before painting. High-pressure water wash the surface or alternatively scrub down with wire brush and running water to remove powdery or chalky surfaces. Allow to dry. Apply 1 coat Prominent Surface Restorer.                              |
| 1.5 Fibre Cement                   | Prepare and prime with Prominent Dampcure as per technical data sheet.  |
| 1.6 Cement Floors(wood floated)    | Chemically etch with Spirits of Salt diluted 1:10 with water until well etched and free of efflorescence. Rinse thoroughly with water under pressure. Allow drying.   |
| 1.7 Cement Imprint Paving          | High pressure water jet cleaning. Allow to dry. Apply 1 coat Prominent Surface Restorer.  |
| 1.8 Cement Pavers                  | High pressure water jet cleaning. Allow to dry. Apply 1 coat Prominent Surface Restorer.  |

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### SURFACE PREPARATION

It is advisable to test the compatibility of coatings when redecorating is involved, i.e. paint a small section and then check the adhesion after 48 hours by applying a strip of masking tape and attempting to rip the paint off.

#### 2. Redecorating:

- |  |   |
|--|---|
| 2.1 Galvanised – Acrylic based, sound  | Clean with high-pressure water jet at 180 bar and rotating nozzle to remove chalkiness and loose flaking paint and/or clean with wire brush, scraping and sanding. Areas showing red rust should be abraded back to bare metal. Wash down with Prominent Multi Surface Etch Cleaner and an abrasive pad and rinse thoroughly with high pressure water. Allow to dry. Prime exposed sheeting with 2 coats Prominent Rust Primer. |
| 2.2 Galvanised – Poor condition        | Remove all paint and treat as per point 1.2 - Weathered galvanised sheeting under the <u>New Work section</u> .   |
| 2.3 Cement tile – Acrylic based, sound | Clean with high pressure water jet at 180 bar and rotating nozzle to remove chalkiness and loose flaking paint and/or clean with wire brush, scraping and sanding. Allow to dry. Prime exposed unpainted cement tiles with Prominent Surface Restorer and allow drying.   |
| 2.4 Cement tile – Poor condition       | Remove all paint and treat as per point 1.3 - Cement roof tiles under the <u>New work section</u> .   |
| 2.6 Bitumen Aluminium/Aluminium        | Not recommended.  |
| 2.7 Micaceous Iron Oxide               | Remove all loose material and do a masking tape test before proceeding.   |

**N.B Friable and powdery surfaces require special attention before painting. If in doubt to the correct preparation contact Prominent Technical Department. In all cases first perform a masking tape test before painting to ensure a sound surface is achieved before painting.**

### LIMITATIONS:

1. Prominent Premium Roof and Paving only carries a 12 years life expectancy when used on roofs.
2. Prominent Premium Roof and Paving can only be applied to specified substrates and under the recommended conditions.
3. Adhesion to highly polished cement and gloss enamel floor paints is not good enough to ensure durability.
4. Cannot be applied to wet or damp surfaces or in conditions other than specified, or if rainfall or dew is imminent.
5. Weathering takes place over time. Brighter colours tend to weather more.
6. Metal roofs must not be exposed to rain within 24 hours after application.
7. To ensure colour consistency of the applied roof coating, check that the batch numbers are the same on all containers. Where batch numbers differ, intermix before use.
8. Not recommended for application to surfaces coated with Bituminous Aluminium or Aluminium paint.
9. Do not apply to surfaces where the temperature is less than 10°C.
10. Could be slippery on steep inclines and when wet and prone to marking with tyres.
11. Prominent Premium Roof and Paving is not designed for the purpose of collecting rain water off painted roofs for drinking purposes. It is therefore essential for customers who collect rain water from painted roofs for drinking purposes to follow stringent guidelines. For more information on these guidelines contact **Prominent Paints Technical Department on 0861 776 646 or 011 389 4746.**

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### SAFETY PRECAUTIONS:

1. Keep out of reach of children.
2. Ensure to maintain good ventilation during application and drying process.
3. Wear a suitable dust mask if sanding.
4. In case of skin contact, wash with soap and water or a recognised skin cleaner. Avoid contact with eyes. In case of contact with eyes rinse immediately with running water and seek medical advice.
5. If product is ingested drink plenty of water. Do not induce vomiting at any time. Seek medical advice.
6. Do not smoke while painting.
7. Refer to the Material Safety Data Sheet (MSDS) for detailed information about the product and transportation and classification criteria. MSDS is available on [www.prominentpaints.co.za](http://www.prominentpaints.co.za) or from Prominent Customer Service Department.
8. To avoid any risk of spillage, always transport in a secure upright position.
9. If the surface to be painted is asbestos then the preparation, cleaning and/or removal of broken asbestos sheeting needs to be done in compliance to the **Asbestos Regulations, 2001** of the Occupational Health and Safety Act 1993. (ACT NO 85 of 1993). Contact Prominent Technical Department on 0861 776 646 or 011 389 4746 if a copy of the Asbestos Regulations is required.

### DISCLAIMER:

The information contained herein is given in good faith and is meant merely as a guide for the specifier or user. It is gained from results obtained from our experience and tests carried out under controlled conditions. No warranty/guarantee is implied since the conditions of use, application method, substrate and cleanliness of the substrate are beyond Prominent control. For a surface specific specification contact Prominent Customer Service Department for assistance. This issue supersedes all previous publications.

**Important Note;** 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 for reference. Prominent Technical Data Sheets are available on [www.prominentpaints.co.za](http://www.prominentpaints.co.za) or from Prominent Customer Service Department.

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Reg. No. 1997/006763/07