

TECHNICAL DATA SHEET

PROMINENT PREMIUM ROOF & PAVING

Date: January 2023

THIS SUPERCEDES ALL PREVIOUS PUBLICATIONS



PRODUCT DESCRIPTION

Roof & Paving is a premium quality versatile acrylic emulsion based roof and paving paint, UV resistant with excellent adhesion and qualities to handle expansion / contraction and is flexible.

INTENDED USES:

1. Direct application to new or previously painted, correctly prepared cement tiles, galvanised iron roofs, paving surfaces and zincalume and aluzinc. NB! Priming with Prominent Paints Surface Restorer on cementitious surfaces will increase the performance of the painting system.
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.
4. Application to correctly prepared and primed ferrous metals.

FEATURES:

1. Good UV resistance.
2. Normal fading of colours will take place over time.
3. Water based for easy cleaning and short recoating periods.
4. Hardwearing.
5. Durable against normal weather conditions.
6. Easy to apply.
7. Can be tinted to specific colour requirements.

PRODUCT INFORMATION:

Appearance:	Low Sheen.
Colours:	Standard colours as per colour card. Tint bases to tint most of the colours on the tint system.
Solids:	± 45% by mass and 39% by volume
Density:	± 1,15kg/l.
Recommended Wet Film Thickness:	103µm
Recommended Dry Film Thickness:	2 coats x 40µm per coat = 80µm.
Spreading rate:	3 - 8 m ² /l per coat depending on the type of surface to be painted and the surface texture and porosity. E.g. Cement tile roofs 3-4m ² /l per coat & Galvanised Roofs 5-6m ² /l per coat.
Viscosity at 23°C:	105-115Kµ.
Life expectancy:	12 Years, Roofs only.
Flash point:	Non-flammable.
Respecting the environment:	Dispose of excess product and containers in a responsible manner without harming the environment.

This product is manufactured under strict SABS ISO 9001:2015 quality standards

STORAGE:

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

PACKAGING:

White, clear tint base, pastel tint base and standard colours
1Lt, 5Lt & 20Lt

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APPLICATION DETAILS:

Mixing:	Stir well before use with a flat paddle to an even consistency. Stir occasionally during use.		
Method:	Roller (high loading long pile) block brush or airless spray gun.		
Thinning:	Not recommended.		
Cleaning:	Remove as much of the product as possible from the application equipment before cleaning with water.		
Application:	<u>Surface Temperature</u>	<u>Ambient Temperature</u>	<u>Relative Humidity</u>
Conditions:	Min: 5°C	Min: 5°C	Min: 10°C
	Or 3°C above dew point, if possible away from direct sunlight.		
	Max: 50°C	Max: 35°C	Max: 80°C
	Or 3°C above dew point, if possible away from direct sunlight.		
Drying time:	<u>Touch dry:</u>	<u>Overcoating:</u>	<u>Full cure:</u>
	30min – 1h at 23°C	4h at 23°C	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).		
Requirements:	2 coats minimum. Some bright and chromatic colours may require additional coats.		

SURFACE PREPARATION

Surfaces must be sound, clean and dry (moisture content below 15%) before painting. Newly applied plaster need to be left for 21 to 28 days or 1 week for every 5mm thickness of plaster. Undesirable weather conditions e.g. cold or wet weather conditions will result in extended curing period.

Plaster sand to comply with SABS 1090 requirements. Plaster mix must have a minimum thickness of 10mm, free from soft and friable material and comply with SABS 0164-1 for strength (MPA).

New work:

1. New Galvanised Sheeting
Remove fabricators pre-treated oil, oxidation or any other contamination with Prominent General Purpose Cleaner at a diluted ratio of 1:10 with water and then rinse with clean water. Make use of Prominent Multi Surface Etch Cleaner and abrasive pads. Ensure that a water break-free surface is obtained. Rinse well and allow drying before applying 1 coat Prominent Rust Primer.
2. New Chromadek Sheeting
Wash down with Prominent General Purpose Cleaner at a diluted ratio of 1:10 with water and abrasive pads. Ensure that oxidation from powder coating is removed and rinse well with clean water and allow drying. Apply 1 to 2 coats Prominent Ultra Prime depending on the surface conditions.
3. Weathered Galvanised Sheeting
Loose rust and oxidation must be mechanically removed. Clean with Prominent Multi Surface Etch Cleaner and abrasive pads to achieve a water break-free surface. Rinse well and allow drying before coating with 2 coats Prominent Rust Primer.
4. Cement Roof tiles
Must be cleared of any algae and fungus using Prominent Fungal Wash before painting. High-pressure wash the surface or alternatively scrub down with nylon brush and water to remove powdery or chalky surfaces. Allow to dry. Apply 1 coat Prominent Surface Restorer.
5. Fibre Cement
Prepare and prime with Prominent Damp Cure.
6. Cement Floors(wood floated)
Clean the surface using a broom and then vacuum the surface to remove dust apply one full coat Prominent Surface Restorer and then apply 2 coats of Prominent Premium Roof & Paving.
7. Cement Imprint Paving
High pressure water cleaning. Allow to dry. Apply 1 coat Prominent Surface Restorer.
8. Cement Pavers
High pressure water 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.

Redecorating:

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| 1. Galvanised – Painted in sound condition | Clean with high-pressure water at 180 bar and rotating nozzle to remove chalkiness and loose flaking paint by scraping and sanding. Areas showing rust should be abraded and then wash down with Prominent Multi Surface Etch Cleaner with an abrasive pad and rinse thoroughly with water. Allow to dry. Prime exposed sheeting with 2 coats Prominent Rust Primer. |
| 2. Galvanised – Poor condition | Remove all paint and treat as per point 3 - Weathered Galvanised Sheeting under the <u>New Work section</u> . |
| 3. Cement tile – Painted in sound condition | Clean with high pressure water at 180 bar and rotating nozzle to remove chalkiness, or use Prominent General Purpose Cleaner diluted 1:10 with water and abrade the surface using a broom. Rinse with clean water and allow to dry. Prime exposed unpainted cement tiles with Prominent Surface Restorer and allow drying. |
| 4. Cement tile – Poor condition | Remove all paint and treat as per point 4 - Cement Roof Tiles under the <u>New work section</u> . |
| 5. Bitumen Aluminium/Aluminium | Not recommended. |

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.

LIMITATIONS:

1. Prominent Premium Roof and Paving carries a 12 years life expectancy when used on roofs only.
2. Prominent Premium Roof and Paving should only be applied to specified substrates and under the recommended conditions.
3. Application to highly polished cement and gloss enamel floor paints is not recommended.
4. Cannot be applied on wet or damp surfaces other than specified, or if rainfall and if dew formation is imminent.
5. The surface that was painted should not be exposed to rain within 24 hours after application as the coating could still be too soft.
6. To ensure colour consistency of the applied coating, check that the batch numbers are the same on all containers. Where batch numbers differ, intermix before use.
7. Not recommended for application to surfaces coated with Bituminous Aluminium or Aluminium paint.
8. Do not apply to surfaces where the temperature is less than 10°C or more than 40°C.
9. Could be slippery on inclines when wet and prone to tyres marks.
10. 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.
11. When tinting dark colours from a clear tint base, note that the recommended DFT could be lower due to the volume solid content. For this reason additional coats may be required to achieve good opacity and an aesthetically pleasing finish.

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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 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 Paints control. For a surface specific specification contact Prominent Paints 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 Paints Technical Data Sheets are available on www.prominentpaints.co.za or from Prominent Paints Customer Service Department.

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