

TECHNICAL DATA SHEET

PROMINENT SPECIALITY FLOOR & PAVING

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THIS SUPERCEDES ALL PREVIOUS PUBLICATIONS

PRODUCT DESCRIPTION

Prominent Floor & Paving Paint is a high-quality versatile coating for interior and exterior surfaces such as floors, walkways, garages, patios, pathways and paving. It is a UV resistant paint with excellent adhesion and superior resistance to water ponding, petrol, oil and diesel.

INTENDED USES:

1. Direct application to new or previously painted, correctly prepared steel floated and wood floated cement floors, walkways and paving, surfaces. NB! Priming with Prominent Paints Surface Restorer on chalky surfaces will be required for the performance of the painting system.
2. It can also be used on garage floors, factory floors even if previously painted with an epoxy or polyurethane coating. Ideal for garden pots, windowsills and fascia boards.
3. It can withstand ponding. Should there be a spill of brake fluid, it can be washed off using Prominent General-Purpose Cleaner as soon as possible.
4. Application to correctly prepared and primed ferrous metals.

FEATURES:

1. Single pack (Not Polyurethane), water-based sheen finish
2. Good UV resistance.
3. Excellent resistance to ponding, oil, diesel and petrol.
4. Hardwearing and durable.
5. Excellent adhesion to all correctly prepared cement and paving surfaces.
6. Fast drying technology, it can be over coated within 4 hours. Two coats can be applied in one day.
7. Low dirt pick-up
8. Easy to apply with brush, roller or airless spray and can be easily cleaned with water.
9. Can be tinted to specific colour requirements with universal colourants.

PRODUCT INFORMATION:

Appearance:	Sheen
Colours:	Standard colours and tint bases to tint most of the colours on the tint system.
Solids:	± 40-45% by mass and 39% by volume
Density:	± 1,07-1,2kg/l.
Recommended Wet Film Thickness:	100µm
Recommended Dry Film Thickness:	2 coats x 40µm per coat = 80µm
Spreading rate:	3 - 7 m ² /l per coat depending on the type of surface to be painted and the surface texture and porosity. E.g. Paving Bricks 3-4m ² /l per coat & Smooth concrete 5-7m ² /l per coat.
Viscosity at 23°C:	90-105KU.
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.

TECHNICAL DATA SHEET

STORAGE:

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

PACKAGING:

Pastel and Clear Tint Base
5Lt, 20Lt

APPLICATION DETAILS:

Mixing:	Stir well before use with a flat paddle to an even consistency. Stir occasionally during use.		
Method:	Roller (medium pile) for smooth surfaces and 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: 12°C	Min: 16°C	Min: 10°C
	Or 3°C above dew point, if possible, away from direct sunlight.		
	Max: 35°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>
	10min – 20min 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% WME) before painting. Newly applied screeds need to be left for 21 to 28 days or 1 week for every 5mm thickness. 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. Unpainted Steel floated concrete
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 hard bristle broom as per the TDS and scrub the surface to etch it. Apply two coats directly allowing four hours drying time between coats. (Moisture levels 15% WME or below)
2. Unpainted Wood floated Concrete & Paving
Ensure no oil spots and debris that could have penetrated the surface. Use a scraper to remove the access splatters and loose cement. Use a vacuum cleaner and vacuum the floor surface as this will reduce the dust that would get air bourn when sweeping. Apply two coats directly allowing four hours drying time between coats. (Moisture levels 15% WME or below)
3. Previously painted floors
Sand the surface using P80 grit sandpaper and remove all loose and flaking paint. Wash the surface using Prominent General-Purpose Cleaner diluted 1:10 with water and rinse the surface with clean water to remove the soap. Allow the surface to dry and apply two coats directly. Adhesion test of current coating must be done prior to the application to confirm a sound surface. Once good adhesion has been confirmed, proceed with below application.
The Prominent Single Pack Floor and Paving paint can adhere to a Polyurethane or an Epoxy Coating and can be used for demarcation purposes as well.

TECHNICAL DATA SHEET

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| 4. Cementitious Paving Bricks | 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 if the surface is chalky and allow 24 hours drying time before the application. |
| 5. Fibre Cement | Clean the surface using Prominent Multi Surface Etch Cleaner diluted 1:10 with water and use a scrubbing brush or abrasive pad and allow 20 minutes to react before rinsing with clean water and allow the surface to dry. Apply two coats directly. |
| 6. Walkways | Previously painted – Sand the current surface and remove all loose and flaky paint, wash with Prominent General-Purpose Cleaner diluted 1:10 with water using a broom and rinse with clean water. Allow the surface to dry. Adhesion test of current coating must be done prior to the application to confirm a sound surface. Once good adhesion has been confirmed, proceed with application. |
| 7. Cement Imprint Paving & Pavers in sound condition. | High pressure water cleaning. Allow to dry. Apply 2 coats directly. |
| 8. Cement Imprint Paving & Pavers in chalky condition. | High pressure water cleaning. Allow to dry. Apply 1 coat Prominent Surface Restorer to penetrate and bind chalky surface and allow 24 hours drying time. Test adhesion prior to applying two coats directly. |
| 9. Creating a Non-Slip Surface | After surface preparation, apply one coat of Prominent Speciality Floor & Paving Paint and whilst the application is still wet, sprinkle the Silica Sand directly and evenly across the wet painted surface and allow 24 hours drying time. Sweep the surface gently with a soft broom to remove loose sand and then vacuum the surface. Apply two final coats of Prominent Speciality Floor & Paving Paint allowing four hours between coats. Ensure to allow 7 days to fully cure before exposure to high traffic. |
| 10. Another Non-Slip surface Option | Mix 40% Silica Sand into 1000g of Prominent Plaster Binder and apply to the surface as evenly as possible using a brush and allow 24 hours drying time. Sweep the surface gently with a soft broom to remove loose sand and then vacuum the surface. Apply two final coats of Prominent Speciality Floor & Paving Paint allowing four hours between coats. Ensure to allow 7 days to fully cure before exposure to high traffic. |

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.

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.

TECHNICAL DATA SHEET

LIMITATIONS:

1. Prominent Speciality Single Pack Fast Dry Floor & Paving Paint should only be applied to specified substrates and under the recommended conditions.
2. Application to highly polished cement and gloss enamel floor paints is not recommended if not correctly prepared and etched.
3. Cannot be applied on wet or damp surfaces, or if rainfall and dew formation is imminent.
4. The surface that was painted should not be exposed to thinners or break fluid after application as the coating will be affected.
5. 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.
6. Normal fading of colours will take place over time depending on the pigment combination used.
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 Speciality Single Pack Fast Dry Floor & Paving Paint is not designed for new fresh asphalt areas as the bitumen could bleed through.
11. Continuous ponding for extended period may lead to paint softening and blistering.
12. **Do not add any anti-slip agents to the product.**
13. Prominent Paints Floor & Paving Paint is not a polyurethane coating and does not contain polyurethane.
14. Please note that when a non-slip surface has been created, the surface will be prone to high dirt retention and could also lead to an unaesthetically pleasing finish. It will be difficult to wash the surface using a mop. Use a soft broom and paint friendly cleaner to wash and rinse with running water.
15. When tinting dark colours from a clear tint base, be aware that the recommended Dry Film Thickness (DFT) might be lower due to the volume of solid content. Therefore, additional coats may be necessary to achieve good opacity and an aesthetically pleasing finish. Bright and chromatic colours may require extra coats and premature fading could occur.
16. Prior to and during application, the floor (substrate) temperature must be a minimum of 3°C above the measured dew point to eliminate the risk of moisture condensation. Ambient and substrate temperatures must comply with the product's recommended limits throughout application and curing.

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 Safety Data Sheet (SDS) for detailed information about the product and transportation and classification criteria. SDS is available on www.prominentpaints.co.za or from Prominent Customer Service Department at 0861 776 646.
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 the Prominent Technical Department on 0861 776 646 or 011 389 4746 if a copy of the Asbestos Regulations is required.

DISCLAIMER:

TECHNICAL DATA SHEET

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 conducted 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 the 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 the Prominent Paints Customer Service Department at 0861 776 646.

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