

TECHNICAL DATA SHEET

PROMINENT ROAD MARKING PAINT

Date: January 2025



THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

PRODUCT DESCRIPTION

The acrylic solvent borne road marking paint is a suspension of pigments, and fillers in acrylic resin solution, inorganic solvents, with additives.

INTENDED USES:

Prominent Road Marking paint is designed for horizontal road marking of roadways, squares, parking lots and other road and traffic pavements made of Asphaltic concrete/bitumen.

FEATURES:

The paint has a high density and very good hiding power. The markings made with this material show good adhesion to the substrate, good abrasion resistance, good weather exposure resistance, very good porosity and whiteness.

- | | |
|-----------------------------------|---|
| 1. Quick drying matt finish | No pick-up time is 20 min. |
| 2. Durable | At required film thickness. |
| 3. Non-bleeding | Well cured bitumen does not bleed into the paint. |
| 4. Alkali resistant | Can be used on concrete roads with high alkalinity. |
| 5. Excellent glass bead retention | Increased durability. |

PRODUCT INFORMATION:

Colours:	White, Yellow, Black and Red.
Solids:	75.6% by mass and 54.4% by volume.
Density:	1,6kg/l.
Recommended Wet Film Thickness:	555µm.
Recommended Dry Film Thickness:	300µm
Spreading rate:	Theoretical spread rate is 1.35 – 1.8m ² /l at 240 – 300µm DFT (without glass beads).
Viscosity at 23°C:	98-102KU.
Flash point:	<23°C.
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:

5Lt, 20Lt

TECHNICAL DATA SHEET

PROMINENT ROAD MARKING PAINT

APPLICATION DETAILS:

Mixing:	Stir well before use with a flat paddle to an even consistency. Stir occasionally during use.		
Method:	Roller (Short woven pile), brush, or airless or pressure-feed spraying equipment.		
Thinning:	Not required, but Prominent Lacquer Thinners using a small quantity, to decrease paint viscosity (e.g. low temperature).		
Cleaning:	Remove as much of the product as possible from the application equipment before cleaning with Lacquer Thinners.		
Application Conditions:	<u>Surface Temperature</u>	<u>Ambient Temperature</u>	<u>Relative Humidity</u>
	Min: 5°C	Min: 5°C	Min: 10%
	or 3°C above dew point, if possible, away from direct sunlight.		
	Max: 40°C	Max: 40°C	Max: 80%
Drying time:	<u>No pick-up time:</u> 20 min at 23°C	<u>Hard dry:</u> 60 min at 23°C	<u>Overcoating:</u> 1h at 23°C (if required to achieve DFT)
	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).		
	Ensure to check level of dryness of the coated surface prior to opening area for road traffic.		
Requirements:	1 coat at 555 WFT to achieve complete coverage. Should complete coverage not be achieved with one coat, apply a second coat.		

SURFACE PREPARATION

Product should be applied on clean, dry, bituminous, and concrete pavements.

1. New work:

1.1 Permanent Marking

Apply directly. For permanent markings ensure that bituminous screeds or over concrete have cured for a minimum of three months.

1.2 Temporary Marking

Apply directly. Paints applied over bituminous screeds less than three months old or over concrete less than one month old are to be regarded as temporary markings with an expected service life of less than six months.

2. Redecorating:

2.1 Remarking

Remove loose and flaking paint.
Remove dirt, grime, oil, grease, and other contaminants.
Use Prominent General Purpose Cleaner for asphalt / bituminous substrates. Rinse thoroughly with fresh water and allow to dry. Apply directly.

TECHNICAL DATA SHEET

PROMINENT ROAD MARKING PAINT

LIMITATIONS:

1. Spreading rate must not be exceeded.
2. Uses limited to road line marking only.
3. Viscosity increases in cold weather.
4. Uncured bitumen could bleed through.
5. Excessive use of Lacquer Thinners is unacceptable due to the risk of degrading the coating durability.
6. The type of airless pump, the operating pressure, the ratio of spraying, the size of the spray tips and the temperature has an effect on the film thickness of the Prominent Road Marking paint.
7. Always keep containers tightly closed when not in use, since solvents evaporate very fast.

SAFETY PRECAUTIONS:

1. Keep out of reach of children.
2. Ensure to maintain good ventilation during application and drying process.
3. 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.
4. If product is ingested, drink plenty of water. Do not induce vomiting at any time. Seek medical advice.
5. Do not smoke while painting.
6. 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.
7. To avoid any risk of spillage, always transport in a secure upright position.

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 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 control. For a surface specific specification contact the 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 or from the Prominent Customer Service Department.

Prominent Paints (Pty) Ltd:
11 Dan Jacobs Street
Alrode Alberton 1449
P.O. Box 136166
Alberton North 1456

Customer Service Department:
Tel: +27 86 177 6646
Tel: +27 11 389 4746

Reg. No. 1997/006763/07