

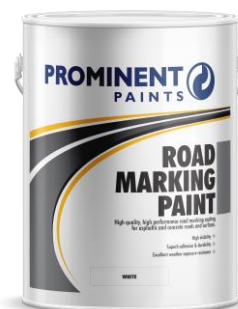
TECHNICAL DATA SHEET

PROMINENT ROAD MARKING PAINT

DATE: 03 November 2017

THIS SUPERCEDES ALL PREVIOUS PUBLICATIONS

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



INTENDED USES:

Navigator 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 shows good adhesion to the substrate, good abrasion resistance, good weather exposure resistance, very good porosity and whiteness.

- | | |
|-----------------------------------|---|
| 1. Quick drying | 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. |
| 6. 100% lead free | |

PRODUCT INFORMATION:

Colours:	White, Yellow, Black and Red.
Solids:	± 80% by mass and 32-35% by volume.
Density:	1,6kg/l.
Spreading rate:	Theoretical spread rate is 1.2 – 1.9m ² /l at 240 – 300µm DFT (without glass beads).
Viscosity at 23°C:	± 85 – 100Kµ.
Flash point:	<23°C.
Respecting the environment:	100% Lead Free. 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

PROMINENT
PAINTS

CUSTOMER CALL CENTRE
0861 77 66 46
WWW.PROMINENTPAINTS.CO.ZA



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APPLICATION DETAILS:

Mixing:	Stir well before use with a flat paddle to a homogenous consistency. Stir occasionally during use.		
Method:	Roller, brush, or airless spray machines. Not recommended for air assisted spray equipment.		
Thinning:	Not required, but Lacquer Thinners using a small quantity, to decrease paint viscosity (e.g. low temperature).		
Cleaning:	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 2°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 700µm WFT.

SURFACE PREPARATION

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

1. New work:

- | | |
|------------------------------|-----------------|
| 1.1 Cured bituminous surface | Apply directly. |
| 1.2 Cured concrete surface | Apply directly. |

2. Redecorating:

- | | |
|---------------|-----------------|
| 2.1 Remarking | Apply directly. |
|---------------|-----------------|

LIMITATIONS:

1. Spreading rate must not be exceeded.
2. Uses limited to roadline 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 Navigator Roadmarking paint.
7. Not recommended for air assisted spray equipment.

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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. 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 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 or from Prominent Customer Service Department.

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