



Technical Data Sheet

Date of Issue: 30/07/2022 Revision Date 30/07/2022 | Version 7.0

Product name

ROADTECT 4100 SB

HYSHEEN ROAD MARKING PAINT (NON-SABS)



PRODUCT DESCRIPTION

Single pack solvent-based coatings for the marking of road surfaces.

INTENDED USES

- Used for the marking of traffic lines.
- Suitable for use on bituminous road surfaces.
- Adjust application rate when drop-on beads are used.

FEATURES AND BENEFITS

- Quick drying matt finish.
- Excellent adhesion and coverage on suitably prepared surfaces.
- Good durability and resistance to abrasion.

PRODUCT INFORMATION

Appearance	Matt
Colours	Black (TP 28), White (TP 92) and Yellow (TP 94)
Volume Solids	± 52% (typical)
Recommended DFT	Min: 230µm, Max: 250µm per coat without beads.
Recommended WFT	Min: 439µm, Max: 477µm per coat without beads.
Theoretical spreading rate	2.2m ² /L at 240µm DFT at stated volume solids.
Practical spreading rate	The practical spreading rate will vary depending on the porosity and profile of the substrate as well as the application techniques & tools used. Should drop on beads be required the spreading rate, WFT & DFT should be adjusted to accommodate this.
VOC	< 618g/L
Flash Point	< 23°C
Viscosity	70 – 95KU (typical)



APPLICATION DETAILS

Mixing	Stir with a flat paddle until completely homogeneous		
Method	Airless or pressure-feed spraying, brush, and roller		
Application environment	Surface Temperature	Min*: 10°C	Max: 40°C
	Ambient Temperature	Min*: 10°C	Max: 40°C
	Relative Humidity	Min*: 10%	Max: 85%
	*Or 3°C min. above dew point		
Thinning	Not Recommended		
Cleaning	THINNER 5000 (ILS 1).		
Drying Time	Dry to no pickup	20min at 23°C	
	Overcoating (Min.)	1.5h at 23°C	
	Dry to handle	1.5h at 23°C	

STORAGE AND PACKAGING

Store away from direct sun, heat, open flames, sparks and severe cold.

Shelf Life: 24 months

Single Pack: 5L, 20L and 200L

SURFACE PREPARATION

All surfaces must be firm, dry, and clean, free from oil, grease, or any other contaminants.

NEW BITUMINOUS SURFACES

- For permanent markings ensure that bituminous screeds have cured for a minimum of three months. Remove any loose particles. NOTE: Paints applied over bituminous surfaces less than three months old are to be regarded as temporary markings.

PREVIOUSLY BITUMINOUS COATED SURFACES

- Remove loose and flaking paint.
- Remove oil, grease, and other contaminants. Clean with POLYCELL LIQUID SUGAR SOAP. Rinse thoroughly with fresh water and allow to dry.

CONCRETE SURFACES

- NB:** Not recommended for concrete surfaces but if required then use the following preparation first:



- Remove laitance mechanically by high-speed diamond grinding to create a key.
- Dust off well.
- Seal with FLOORTECT 7 SB(GW 7) or CONCRETE FLOOR PREP (FCS 1).
- The recommended product for concrete and concrete pavers is ROADTECT 4300(BTP 1).

APPLICATION INFORMATION

- Apply a 460µm WFT ($\pm 20\mu\text{m}$ without glass beads) to achieve complete coverage
- Should complete coverage not be achieved with one coat, apply a second coat.
- CAUTION - Can only be applied on cured bitumen, bleeding may occur on fresh bitumen.
 - Not recommended for friable slurry-type surfaces.
 - Always keep containers tightly closed when not in use, since solvents evaporate extremely fast.

SAFETY PRECAUTIONS

- Always keep paint out of reach of children.
- Ensure good ventilation during application and drying.
- If accidental contact with skin should occur, wash immediately with soap and water or a recognised skin cleaner.
- Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical attention.
- Harmful if swallowed. Seek medical attention and do not induce vomiting.
- Do not smoke while painting.
- Flammable. Store in a cool dry place away from heat and sparks.
- Refer to Safety Data Sheet for complete information.

DISCLAIMER

The recommendations contained herein are given in good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be dependable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

NB: 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.

NB: TO ORDER: Quote product name, product code number, packaging, and colour.



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TP 28, 92, 94

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