



SIRIM

CERTIFIED TO MS164 : 2007  
Certification No : PK017603

## KCC RoadLine

**KCC RoadLine** is a high solid, premium quality synthetic resin based traffic line marking paint, with good opacity and adhesion over bitumen tar road and concrete substrate. It provides a tough smooth surface coating with very good abrasion resistance to normal traffic wear and tear services. KCC RoadLine is also available in reflective finishing and is accredited to MS 164-2007.

**Recommended Use :** KCC RoadLine is usually used for traffic line marking to provide safety directions and marking on the roads. It is also used to draw traffic junction boxes and car parking bay roads, both open and covered car parks and factories. It is fast drying with exceptional good adhesion over concrete floors and exhibit good weathering for a lasting marking.

Technical Information	
Vehicle Type	: Synthetic Resin
Finish	: Matt
Component	: Single pack
Color	: White / Yellow / Black / Red
Volume Solids	: 45%, varies depending on colors
Drying By	: Solvent Evaporation, Oxidation
Flash Point	: 7 deg. C
Specific Gravity	: 1.50, Varies depending on colors
Dry Film Thickness (Dft)	: 30 - 40 microns / coat
Viscosity (ASTM D-562)	: 80 KU (±5)
Shelf Life	: Minimum 1 year - unopened

Application Details	
Apply Over	: Bitumen Tar Road / Concrete
Primer / Sealer	: Not Required
Application Methods	: Brush / Roller / Spray
Wet Film / Coat	: Approx. 70 - 80 microns
Dry Film / Coat	: Approx. 30 - 35 microns
Drying Time	: Touch 30 mins Recoat 60 mins
Theo. Spreading Rate	: Approx. 14 m <sup>2</sup> / litre*, may vary depending on roughness and porosity of substrates
No of coats	: 2 - 3 coats
Clean Up	: Thinner 56
Packaging	: 5.0 litres

\* When estimating paint quantity, please make provision for spray or application losses since spreading rate may vary depending on the surface roughness and porosity of the substrate.

## Surface Preparation

### New Masonry Substrates

Allow all new surfaces to dry out thoroughly, preferably for at least 28 days drying time or check moisture content for less than 12%. Surface imperfections, misalignments and protrusions shall be made good and patched up.

### Previously painted surface

All loose or defective paintwork or powdery residues shall be thoroughly removed by wire brush or scraping. Ensure surface are cleaned, before painting

## Typical Painting System

<u>Substrate</u>	<u>1st coat ( Sealer )</u>	<u>Finishing ( 2 Coats )</u>
New Masonry	KCC RoadLine	KCC RoadLine
Previously Painted Surface	KCC RoadLine	KCC RoadLine

## Application

Stir thoroughly to a uniform consistency before use. Thinning is normally not necessary, however if required except for absorbent surfaces and better workability, thin with a small quantity of thinner maybe added.

Suitable for application by brush, roller or spray. Apply paint evenly by brush or roller, and avoid any missing areas. Spraying is recommended, and typical equipment, especially airless spray should employ a fluid tip / needle size at least 0.021".

## Cleaning

Remove as much product as possible from application equipment before cleaning. Clean equipment immediately after use with solvent and rinse thoroughly. Do not empty product into drains or watercourses. Replace lid firmly.

## Technical Services

KCC maintains a technical division to investigate and advise on all problems related to our product application. The division will advise on the correct selection of and specification for the required painting system. Contact the division through KCC Sales department.

## Safety Precaution

- This product is flammable.
- Ensure good ventilation during application and drying.
- Avoid contact with skin and eyes.
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- After contact with skin, wash immediately with plenty of soap and water.
- When spray, do not breathe in spray mist, wear suitable respiratory protective equipment.
- Keep out of reach of children.

Disclaimer : The above information is given to the best of our knowledge based on laboratory testing and practical experiences. The information in this data sheet may be subject to changes from time to time and without notice due to production refinements arising from continuing research and evaluation programmes, which may occasionally result in marginal changes in the coating properties.