

KCC-ROADLINE

Thermoplastic Exterior Road Marking Paint

PRODUCT DESCRIPTION

KCC-Roadline is a premium, self-priming thermoplastic acrylic resin solvent based finish. KCC-Roadline is available in both reflective and non-reflective finishing and is accredited to SIRIM MS 164-2007.

- ▶ Good opacity
- ▶ Good abrasion Resistance
- ▶ Excellent adhesion to normal traffic wear and tear
- ▶ Certified with SIRIM MS 164 (Black 6144, White 6145, White (R) 7145, Yellow 6901, Yellow (R) 7901)

DESIGN USE

Exterior use for bitumen, tar and concrete new and repainting road works.

PHYSICAL DATA

Volume Solids	45 ± 2%
Dry Film Thickness (DFT)	38 µm / Coat
Wet Film Thickness (WFT)	84 µm / Coat
Number of Coats	2
Theoretical Coverage	11.8 m ² /L/coat
Finish	Matt
Colour Range	Standard Colour Range <i>(Please consult KCC representative for custom colours)</i>
No. of Components	1
Standard Packing Size	5L
Shelf-Life	12 months - Unopened

RECOMMENDED PAINTING SYSTEM

<u>System</u>	<u>Product</u>	<u>No. of Coats</u>
Finish	KCC-Roadline	2



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APPLICATION METHOD Brush, Roller or Spray application
 *Paint is ready for use after thorough stirring. Thinning is not normally necessary. However, if required for better workability, do not exceed 5% of dilution ratio. Clean up equipment with Thinner 56 immediately after use.

DRYING TIME	Substrate Temperature	Touch Dry	Hard Dry	Overcoating Interval	
				Minimum	Maximum
	15°C	45 Min	1 Hr 30 Min	1 Hr 15 Min	N/A
	25°C	15 Min	1 Hr 15 Min	1 Hr	N/A
	35°C	20 Min	1 Hr	45 min	N/A

ADDITIONAL INFORMATION	Thinner	Thinner 56
	Thinning Ratio	Do not exceed 5% dilution ratio.
	Cleaning Solvent	Thinner 56
	Flash Point	7°C
	Storage Requirements	Cool, dry and well ventilated area away from heat and direct sunlight(5 ~ 35°C). Lid must be kept tightly closed

SURFACE PREPARATION

Road Substrate

- ▶ Allow all new surfaces to be free of imperfections, misalignments and protrusions and shall be made good and patched up.
- ▶ All surface contaminants such as laitance, dust and loose matter shall be removed.
- ▶ Due to the variability of asphalt, newly laid bitumen based surfaces (up to 6 months old) will need to be sealed with a coat of emulsion paint, in order to prevent bleeding.
- ▶ A test area is recommended before work is commenced.

Application conditions

- ▶ Do not apply during cold (below 10°C) or wet weather.

PRODUCT LIMITATIONS

- ▶ Not recommended as a decorative coating.
- ▶ Store in 'Flammable Only' store only, as this material is highly flammable.

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REMARKS

- ▶ Always conduct an application point test on small area. Check for any abnormalities and paint defects prior to painting.
- ▶ This product should only be applied over concrete, plaster and masonry substrate that have been suitably sealed and primed
- ▶ Avoid excessive thinning as it will results in colour difference, poor hiding power, poor finishing, and overall paint performance compromised.
- ▶ Always follow TDS recommended coating thickness and ensure uniform application thickness. Inconsistent film thickness will results in difference sheen level and unpleasant finishing.
- ▶ It is recommended to paint the same colour with same batch number, using same painting equipment and method and also follow instructed thinning ratio to ensure consistent painted finishing.
- ▶ Do not skip primer and sealer application as concrete primer and sealers will minimize efflorescence defects on humid area.
- ▶ Recommended to paint according to TDS and Application guide.
(Please consult with KCC customer service for any inquiries or browse to our website www.kccpaint.com.my)

SAFETY PRECAUTIONS

- ▶ Ensure good ventilation during application and drying.
- ▶ Avoid contact with eyes and skin.
- ▶ In case in contact with skin, wash immediately with plenty of soap and water.
- ▶ During spray application, do not breath in mist and wear suitable respiratory protective equipment.
- ▶ Keep out of reach of children.

FIRST AID

Eyes	Rinse immediately with plenty of water and seek medical advice.
Skin	Wash immediately with plenty of soap and water.
Inhalation	Remove to fresh air, loosen collar and keep patient rested.
Ingestion	Do not induce vomiting. Seek medical attention.

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.

REVISION DATE	22/12/2023
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