



RM 33P

Hot Melt, Heavy Duty Thermoplastic Road marking Paint

Pack Size
25Kgs

TDS Technical Data Sheet



Description

RM 33P is a hot applied, petroleum resin-based thermoplastic road marking paint that offers superior weathering resistance and color stability. The pre-mix and drop-on glass beads ensure long-lasting retro-reflectivity. It is easy to melt and can be applied on both asphalt and concrete surfaces.

Approvals / Standards

Conforms to BS 3262 and MoRTH 803.4.

Product Information

Color: White & Golden Yellow

Handling & Storage: Store under cover, out of direct sunlight, and protect from extremes of temperature. In tropical climates, the product must be stored in an air-conditioned environment. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

Packaging: Available in 30 kg HDPE packs.

Shelf Life: 12 months from the date of manufacture when maintained in protected storage in original, unopened sealed condition at 5 - 38°C.

Handling Precautions: As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin, and foodstuffs. Treat splashes to eyes and skin immediately. If accidentally ingested, seek immediate medical attention. Keep away from children and animals. Reseal containers after use.

Technical Characteristics

Color:	White & Yellow
Specific Gravity:	2 ± 0.02
Softening Point, °C:	102 ± 9.5
Luminance @ 45°C:	For White: >85% For Yellow: >65%
Flow Resistance, %:	<25

Flash Point, °C:	270
Drying Time, minutes, Max.:	15
Yellowness Index for White	: < 0.05
Theoretical Coverage, kg/m ²	For 2.0 mm thickness: 4.00 - 4.50 For 2.5 mm thickness: 5.00 - 5.50 Coverage may vary depending on surface condition.

Field of Application

Applicable on bitumen and concrete pavement. Suitable for Zebra Crossings, path dividers, speed breakers, arrows, and other similar markings.

Advantages

High visibility, durability, adhesion, and skid resistance.
Fast-drying properties.
Superior color brilliance.
Environmentally friendly.
Economical.

Application Information

Substrate Temperature: +5°C Min / +40°C Max

Ambient Temperature: +5°C Min / +40°C

Max Humidity: < 80%

Pack Size

25Kgs



Data Reliability

All technical data provided in this document are based on laboratory tests. Actual performance may vary due to factors beyond our control.

Regional Compliance

Product specifications may vary based on local regulations. Please refer to the local Product Data Sheet for precise information.

Legal Disclaimer

The information and recommendations regarding the application and end-use of Carbolink products are provided in good faith based on our current knowledge and experience. Due to variations in materials, substrates, and actual site conditions, no warranty of merchantability or fitness for a specific purpose can be inferred. The user must determine the product's suitability for the intended application. Carbolink reserves the right to change the properties of its products. All proprietary rights of third parties must be observed. Orders are subject to our current terms of sale and delivery. Always refer to the most recent local Product Data Sheet, available upon request.