

Description

ShaliMark® is a hot applied, petroleum resin based, thermoplastic road marking paint, which offers superior weathering resistance and colour stability. The pre-mix and drop-on glass beads ensure long lasting retro-reflectivity.

ShaliMark® is easy to melt and can be applied on both asphalt / concrete surfaces.

It conforms to BS 3262 and MoRTH 803.4.

Characteristics

Colour	White & Yellow	Flow Resistance, %	< 25
		Flash Point °C	270
Softening Point, °C	102 ± 9.5	Drying Time, minutes, Max	15
Luminance @ 45 °C		Yellowness Index for White	< 0.05
• For White	> 85%	Theoretical Coverage*, kg / m ² , • For 2.0 mm thickness • For 2.5 mm thickness	4.00 – 4.50 5.00 – 5.50
• For Yellow	> 65%		
Specific gravity	2 ± 0.02		

- May vary depending on surface condition.

Application

- Applicable on bitumen / concrete pavement.
- Applicable on Zebra Crossing, path dividers, speed breakers, arrows and other similar markings.

Advantages

- High visibility / durability / adhesion / skid resistance.
- Fast drying properties.
- Superior color brilliance.
- Environment friendly.
- Economic.

Application methodology

➤ Surface Preparation

- Remove all loose gravel, dirt, oil, grease and foreign matter by jet of dry air.
- Ensure that-
 - The surface is fully cured, clean, structurally sound and dry.
 - Removal of any pre-existing line prior to apply **ShaliMark®**
 - In case of new concrete road, concrete is at least 28 days old.
 - The substrate temperature is between 5 - 40 °C and humidity is less than 80%.
 - There is no standing water in the area of application.

➤ Material Preparation

- Heat the material to 180 – 200 °C in a pre-heater with adequate agitation till the material becomes homogenized liquid.

➤ Application of Material

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- Ensure to lay uniform finish lines free from streaks.
- Apply melted **ShaliMark®** within the reference lines by the application unit.
- Dispense Type **II Drop – On** glass beads (BS 6088) from the in-built dispenser of application unit @ 250- 300 grm / m² simultaneously.
- In case the application cannot be done using application unit, approved manual method shall be adopted.

Health & Safety

- Avoid contact with skin / eyes and avoid swallowing.
- Ensure adequate ventilation and avoid inhalation of vapour.
- Wear suitable protective clothing, gloves and eye protection.
- In case of contact with skin, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean the contacted area.
- In case of contact with eyes, wash immediately with plenty of clean water and seek medical advice.
- If swallowed, seek medical attention immediately. Do not induce vomiting.

Packing

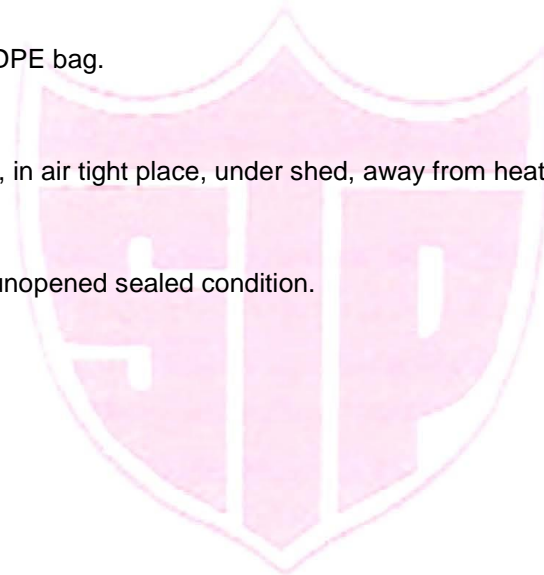
Available in 30 kg HDPE bag.

Storage

Keep in cool dry place, in air tight place, under shed, away from heat.

Shelf Life

12 months in original unopened sealed condition.



STP Limited
Enhancing Structures' Life

Product Range

- Waterproofing & Insulation ■ Road Surfacing
- Sealants & Adhesives ■ Pipeline Coatings
- Protective/Anti-Corrosion Coatings ■ Epoxy and Flooring
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