

ShaliMark® WB 60

Cold Applied Water Based Acrylic Road Marking Paint



STP Limited

Description

ShaliMark® WB 60 (formerly known as ShaliMark WB HB) is eco-friendly, cold applied, water based, fast drying, retro-reflective Acrylic Road Marking Paint available in Standard shades of White, Golden Yellow, Lane Red and Black for application on concrete / bituminous surface in runways / taxiways / apron and other such places.

The retro-reflective property of **ShaliMark® WB 60** helps in better visibility under poor light condition.

ShaliMark WB 60 is highly durable, environment friendly and fast drying. Any application during high humidity or low temperatures however, may increase the drying time.

Characteristics

Colour	White / Golden Yellow / Lane Red / Black	Theoretical Coverage*, m ² / L	2.5 – 3.0
		Volume Solid, %	60 ± 2
		Specific Gravity	1.50 – 1.60
Finish	Smooth and Mat	DFT, Micron, un-beaded	180 - 250
Luminance at 45° Min		Drying time*, minutes @ 27 °C	
• White	65	• Surface dry	10
• Yellow	45	• Hard dry	45

* Depending upon surface condition and ambient temperature.

Application

- It can be applied on bitumen / concrete surface with a spray applicator or by brush.
- Can be applied on Zebra Crossing, path dividers, speed breakers and other similar markings.

Advantages

- Environment Friendly being water-based product.
- Quick Setting.
- Good durability, adhesion.
- Enhances safety.
- Easier, safer cleanup.
- Significantly reduces disposal cost.
- Very low VOC.
- Easy repainting operation.

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® WB 60**
 - In case of new concrete road, concrete is at least 28 days old.
 - Substrate temperature should be between 10 - 40 °C and humidity less than 80%.
 - There is no standing water in the area to be repaired or in the area of application.
 - Mechanically grinding the surface is acceptable only when sand blasting is not possible.
- Saw cut area to be repaired in geometrical shape.

➤ Material Preparation

- Stir **ShaliMark® WB 60** thoroughly for uniformity.

➤ Application of Material

- Mark reference line on surface with nylon rope and chalk prior to application.
- Apply **ShaliMark® WB 60** within the reference lines by airless spray / roller / brush. In case of airless spray, ensure that nozzle pressure is 1800 to 2200 psi with an orifice size ranging between 19 thou to 23 thou.
- Sprinkle drop on glass beads (BS 6088 B) @ 250- 300 grm / m² simultaneously.
- Ensure finish lines are uniform and free from streaks.
- Proper safety measures shall be taken to ensure smooth progress of work.

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 20 L pack along with required Glass Beads in separate pack on request.

Storage

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

Shelf Life

12 months in original unopened sealed condition.



Product Range

- Waterproofing & Insulation ■ Road Surfacing
- Sealants & Adhesives ■ Pipeline Coatings
- Protective/Anti-Corrosion Coatings ■ Epoxy and Flooring
- Grouts and Admixtures (GARA)
- RestoFix - Repair/Rehabilitation ■ Other Construction Chemicals



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