

ShaliMark® WB 400

Cold Applied Water Based Acrylic Road Marking Paint



STP Limited

Description

ShaliMark® WB 400 is cold applied water based fast drying Acrylic Road Marking Paint available in White colour and is suitable to be applied over Bitumen / Cement concrete roads. **ShaliMark WB 400** is highly durable, environment friendly and fast drying. Any application during high humidity or low temperatures however, may increase the drying time. It can be applied with or without glass beads. It conforms to TT-P-1952E.-2007.

Characteristics

Colour	White	Latex Binder	Acrylic
Viscosity, Cps	> 3000	VOC, gms / L	< 100
Dry Time, No-Pick up, minute	10	Dry Opacity	> 0.95
Theoretical Coverage, M2 / L*	2	Reflectance, %	> 84
Thickness, micron	400	Luminance at 45° Min	65

- May vary depending on edge and condition of surface

Application

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

Advantages

- Quick Setting.
- Good durability, adhesion.
- Environment Friendly.
- Increased workers 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 and clean the surface mechanically or by grinding to make it smooth before application.
- Remove any lime, distemper or acrylic coating prior to apply **ShaliMark® WB 400**.
- Ensure that surface is sound, firm, bone dry.
- Minimize dusting of the material during use.

• Material Preparation

- Stir **ShaliMark® WB 400** by a slow speed mixture (approx. 100 – 150 rpm) fitted with a suitable mixing paddle to ensure a homogenous mix.
- After stirring, wait for the product to settle in order to let entrapped air escape.

- **Application of Material**

- Add **ShaliMark® WB 400** in application unit in case of spray application.
- Mark reference line on surface with nylon rope and chalk prior to application.
- Apply **ShaliMark® WB 400** within the reference lines by the application unit.
- Type-I Glass Beads (BS 6088 B) shall be dispensed from the in-built dispenser of application unit @ 250- 300 Grm / m² simultaneously.
- Finish lines shall be true to level, uniform and free from streaks.
- If the application cannot be done using application unit, approved manual method shall be adopted.
- 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 skin contact, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean the contacted area.
- In case of eye contact, wash with plenty of clean water and seek medical advice.
- If swallowed, seek medical attention immediately. Do not induce vomiting.

Packing

Available in 15 L pack.

Note : Glass Beads are available separately on request.

Storage

Keep in cool dry place, under shed, preferably below 35 °C.

Shelf Life

6 months in original unopened sealed condition.



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