

# ShaliUrethane LM

Single Component UV Resistant PolyUrethane Waterproofing Liquid Membrane



STP Limited

## Description

**ShaliUrethane LM** is a single component modified polyurethane elastomeric liquid, which forms ultra violet resistant seamless UV resistant waterproofing membrane, through curing in reaction with the atmospheric moisture. This conforms to ASTM C-836 and ASTM C-898.

## Characteristics

Application	Roller/ airless spray	Solid Content, %	> 85 ± 2
Drying Time, hr	24	Tensile N/mm	2 to 5
DFT, micron	> 1000	Elongation, %	> 500
Water Absorption, %	< 0.5	Hardness Shore D, number	40 – 55
UV Resistance	Good	Weight loss, %	15 ± 2

## Application

- Pitched / slope / folded roof.
- Shell.
- Dome.
- Swimming pool.
- Water reservoirs.

## Advantages

- UV resistant.
- Easy to apply.
- Easily repairable.
- Exhibits good waterproofing character.
- Excellent adhesion to concrete.
- Barrier coat against water ingress.

## Application Methodology

- Clean surface by oil free compressed air, sandblasting, wire brushes or other mechanical means to ensure removal of all rust, oil, grease, dirt, or any other loose particle prior to application of primer.
- Ensure that the surface is moisture free before application.
- Ensure that the substrate temperature is in the range of 8 °C – 40 °C.
- Ensure that the humidity level at the time of application is 55 % max.
- Apply **ShaliUrethane LM** @ 1.2 kg/m<sup>2</sup> for 1000 microns per coat by roller / airless spray and allow it to dry for 24 hr.

## Cleaning & Maintenance

Clean all tools immediately after use with xylene. Do not allow it to harden.

## Health & Safety

- Do not allow ShaliUrethane LM to come in contact with the skin and eyes, or be swallowed.
- 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, rinse immediately with plenty of clean water and seek medical advice.

- If swallowed seek medical attention immediately - **do not** induce vomiting. In case of fire use dry chemical or carbon dioxide extinguishers.

### Packing

Available in 25 kg drums.

### Storage

Store in a cool dry place under shed away from heat.

### Shelf Life

12 months in original unopened sealed conditions.

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