

SuperTene[®] 7

High Elongation Heavy Duty Self Adhesive Membrane



STP Limited

Description

SuperTene[®] 7 is a self adhesive pre-formed waterproofing membrane consisting of SBS modified bituminous, having carrier of 4 ply cross laminated tough polyethylene film and on the underside with an easy-to-peel silicon film.

Characteristics

Property	Standard	Result
Thickness, mm	Measurement	1.5
Elongation, %	ASTM D 5147	> 250
Tensile strength, N/mm ²	ASTM D 5147	> 4.0
Puncture Resistance, N	ASTM E 154	250
Tear Strength, N/mm	ASTM D 4073	
• Longitudinal		> 150
• Transverse		> 125
Adhesion to N/mm	ASTM D 1000	
• Primed concrete		> 3.0
• Lap adhesion		> 2.0
Crack bridging, mm	ASTM C 836	> 2.0
Moisture vapour transmission, g / m ² / 24 hrs	ASTM E 96	< 0.30
Softening point, °C	ASTM D 36	> 100
Resistance to hydrostatic head, m, 6 bar	ASTM D 5385	> 60

Application

- Waterproofing of
 - Damp-proofing of vertical foundation / walls/ Basements and Substructures.
 - Structural concrete and masonry walls, pitch roof split slab concrete construction, both above and below ground.
 - Insulated roofs / parking areas / terraces / garages.
 - Place where the use of fire is not possible or is prohibited.

Advantages

- Excellent waterproofing for basements, Structural concrete, civil work and substructures that require extra Protection & toughness.
- 4 ply film Cross laminated together to form a single layer which provides better strength, high tear strength, puncture and impact resistance to the membrane.
- Flexible and cold applied to accommodate the Structural Movements. Withstand heavy hydrostatic head pressure.
- Cold applied, does not require heat, chemical bonding agents or special tools. Easy and quick installation.
- Permanent flexibility and protection. Effective water and vapour barrier.
- Strong resistance to chemicals like chlorides, sulphates, alkalis, dilute acids, ozone and atmospheric pollutants.

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.

➤ Application of Material

- Prime concrete surface with ShaliTex Primer @ 0.30 L / m²
- Allow the primer to dry for 8 hrs.
- Place the membrane on the primed surface and remove the film by peeling of the release paper not more than 30 cms at a time, while unrolling **SuperTene® 7**.
- Press down the membrane from the middle to the outer edges. This will help to remove any entrapped air ensuring good adhesion to the substrate.
- Protect **SuperTene® 7** to avoid damage caused by other trades, backfilling equipments and materials. Lay screeds, toppings and tiles almost immediately after laying. Do not leave **SuperTene® 7** exposed.

Health & Safety

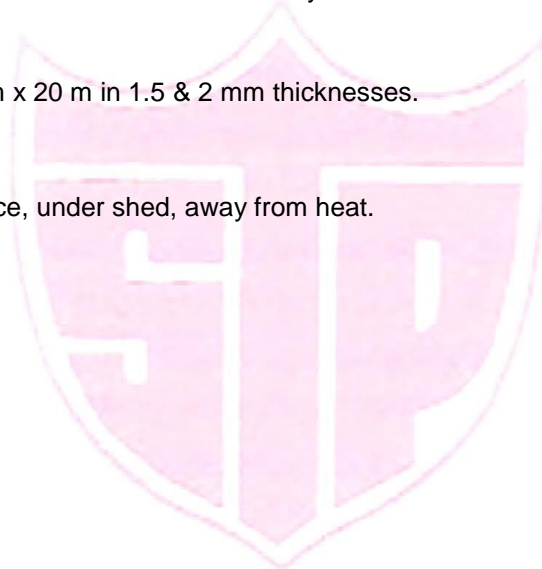
- Avoid contact with skin / eyes and avoid swallowing.
- Ensure adequate ventilation and avoid inhalation of vapour.
- Wear suitable protective clothing, gloves and eye protection.
- In case of skin contact, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean 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

Rolls are available in 1 m x 20 m in 1.5 & 2 mm thicknesses.

Storage

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



STP Limited
Enhancing Structures' Life

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



Advisory Cell: +91 81302 81114

www.stpltd.com