

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 compound, having carrier of 4 ply cross laminated tough polyethylene film.

Characteristics – Technical

Property	Standard	Result
Tensile Strength (film), N / mm	ASTM D 412	7
Membrane Strength, N / mm	ASTM D 412	10
Elongation of Membrane, % (Failure of Rubberized Mix)	ASTM D 412	> 150
Resistance to Hydrostatic Pressure	ASTM D 5385	60 m
Tear Resistance, N / mm	ASTM D 624	30
Puncture Resistance, N / mm	ASTM E 154	420

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

- Apply primer on the concrete substrate. Primer is not necessary for non-porous / non-absorbent surface.
- Place the membrane on the primed surface and remove the film by peeling of the release paper not more than 30 cm 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 equipment 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 vapor.
- 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 eye contact, wash immediately 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.



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