

SuperTene®

High performance SBS Modified Self-Adhesive Membrane



Description

SuperTene® is a self-adhesive SBS (Styrene Butadiene Styrene) based bituminous membrane with high density polyester film on one side and easy-to-peel silicon film on the other side. It is applied over concrete as a waterproofing membrane and over metals as an anti-corrosive barrier for protection of UG pipelines. **SuperTene®** is also available in aluminium finish top.

Characteristics - Physical

Total thickness, mm	1.5 / 2.0	Moisture Vapour Transmission Rate, gm / m ² / hr., ASTM E-96	< 0.30
Cold Flexibility, °C	-18		
Service Temperature, °C	-5 / +55		

Characteristics Technical

Property	Standard	Result
Compound Elongation, %	ASTM D-638	>200
Puncture Resistance, N	ASTM E-154	260
Adhesion to, N / mm <ul style="list-style-type: none">• Primed Concrete• Other Surfaces	ASTM D 1000	2.3 2.0

Application

- Highly recommended for waterproofing / damp-proofing of vertical foundation / walls.
- Waterproofing of structural concrete and masonry walls, pitch roof split slab concrete construction, both above and below ground.
- Waterproofing of insulated roofs, wet areas like bathrooms, kitchens, parking areas, balconies, terraces, windows, garages, etc.
- Waterproofing in general at all such place where the use of fire is not possible or prohibited.
- Anti-corrosive barrier tape for protection of underground pipelines.

Advantages

- 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**. Primer is not necessary for non-porous / non-absorbent surface.
- Place the membrane on the primed surface and remove the film by peeling off the release paper not more than 30 cm at a time, while unrolling **SuperTene®**.
- Press down the membrane from the middle of outer edges. This will help to remove any entrapped air ensuring good adhesion to the substrate.
- **SuperTene®** should always be protected to avoid damage caused by other trades, backfilling equipment and materials. Screeds, toppings and tiles should be laid as soon as possible, preferably the same day the membrane is applied. Under no circumstances the membrane be left exposed for extended period.

Health and 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 width of 1 m x 20 m roll.

Storage

- Rolls must be stored in dry place, protected from rain, sun rays & heat.
- Keep in upright position on a dry surface / pallet.
- Don't stack more than two rolls height.

Shelf Life

12 months in original unopened sealed conditions.



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Enhancing Structures' Life

Product Range

- Waterproofing and Insulation ■ Road Surfacing
- Sealants and Additives ■ Pipeline Coating
- Protective / Anti-Corrosive Coating ■ Epoxy Flooring
- Grouts / Admixtures ■ RestoFix- Repair / Rehabilitation
- Other Construction Chemicals



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