



Special coated 3-ply Flashing Membrane, specially developed for use with tile-adhesive and liquid applied waterproofing systems for sealing of pipe penetrations and general areas

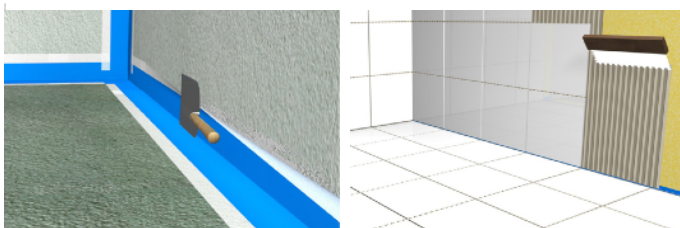
General

SS - JointSeal FT Membrane is a very high performance, chemically resistant, flexible 3-ply Waterproof membrane to be applied for flexible waterproofing of expansion joints, corners or pipe penetrations. Suitable for medium to high loads of non-pressurized water indoors (also if exposed additionally to chemicals) or for water under constant positive pressure both for indoor and outdoor application (e.g. domestic bathrooms, industrial kitchen, shower rooms and swimming pools - both domestic and public and balconies and terraces).

The membrane system is applied to the substrate with a corresponding semi-flexible or flexible waterproofing membranes, which allows the system to be applied to a wide variety of substrates like concrete, stone, cementitious surfaces and metals. The material can be used in critical areas subject to frequent movements. **SS - JointSeal FT Membrane** is available in widths of 1m. The material can be lapped over itself by using a waterproofing mastic. The membrane, due to its material make up, can be used across a wide temperature range from - 30° C to + 90° C. It is resistant to most household cleaning chemicals and soaps. **SS - JointSeal FT Membrane** can be used over corners, construction and expansion joints and specifically around pipe penetrations. The system allows high movements in lateral direction, maintaining the integrity of the applied seal system.

Product Features

- Highly Flexible
- Bonds with a tile adhesive, as well as waterproofing mastic
- Chemically resistant to selected acids, bases as well as salts
- Can be applied over vertical and horizontal corner joints
- Can be tiled over directly
- Suitable for use across a wide variety of substrates
- Can also be used for treatment of wide moving cracks
- Easy to install
- Can be used multi-functionally across substrates to seal against various areas of water ingress
- Can be used on moist substrates



Areas of Application

- Used to seal corner, coving, construction or expansion joints against the ingress of water
- Pipe Penetrations
- Basements and underground structures
- Wet Areas
- Swimming Pools and Water Tanks
- Tunnel, Precast Construction Joints
- Sealing and waterproofing of moving cracks
- Increasing length of water-path to enter concrete joints
- Waterproofing joints in outdoor areas exposed to high and permanent water pressure
- Bathrooms

Areas of Application

Specification Keywords	High Performance, Chemically Resistant, High Elongation, High Bond Strength, High Tensile Strength, 3-ply PP sandwiching an aging resistant thermopolymer
Delivered As	Solid, flexible Membrane
Storage Instructions	Store in a cool and dry area away from sunlight, in original packaging
Shelf Life	12 Months
Post Use	Empty packaging completely. Dispose as per local regulations.
Packing Size	120 mm wide, 50m long rolls

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Hazards and Safety



Technical Data

Width and Thickness	1 m, ~ 0.6 mm thickness
Chemical Resistance, 7Day	3% HCl, 35% H ₂ SO ₄ , Citric Acid, Lactic Acid, KOH [3%, 20%], Na Hypochlorite, Salt Water [2%]
Material Weight / Length	280 gsm, 30/50 m roll
Tear Resistance	Longitudinal: 100 N, Across: 140 N
Elongation	Longitudinal: 90%, Across: 120%
Burst Pressure Max	3.0 bar
Water Vapour Resistance	16 m by DIN EN 1931
Water Pressure Resistance	> 1.5 bar [depending on adhesive]
UV Resistance	> 500 Std. [DIN EN ISO 4892-3]

Instructions for Use

The dry or slightly humid floor/wall should be strong, durable, and free from dust, dirt and release agents. Ensure the surfaces are clean and dry [moisture content < 8%] before application for best results. Always test with a 24-hour cure time to determine consumption, ease of application and desired results. Surface temperature should be > 8°C.

Mix liquid applied waterproofing according to data sheet. Using a brush / notched trowel apply the waterproofing slurry in the area where **SS - JointSeal FT Membrane** will be applied. Place the membrane on the applied waterproofing. Using the flat side of the trowel, press out excessive material and air pockets. Spread out the excessive waterproofing material.

Use a liquid mastic such as **SS - FlexProof AC** on areas of the tape which will be overlapped. Apply the Flashing Membrane pressing firmly onto the coating. Centre the membrane so the area to be sealed has good coverage. In case of terminations, the Joint membrane must have an overlap of at least 5 cm.

Once fixed, the membrane can be immediately overlaid by waterproofing slurry, tile adhesives or tiles. The same tape and waterproofing slurry combination can also be used to seal pipe penetrations by cutting the pipe area out and fixing the tape over the pipe as a collar. Apply the waterproofing slurry onto sealing membrane. Subsequent waterproofing or tiling can begin immediately. Seal the joints between floor and walls properly using a suitable silicone and apply it properly at two flanks.

Safety and Precautions

- Due to technical reasons the colour of the material or the printing may vary slightly from batch to batch
- The material is as such not hazardous, but exercise caution during application