Assess Build Chem Pvt. Ltd.
A World of Concrete Solutions

SS - JointSeal BT

Butyl Rubber Coated, Self Adhesive, Non-Woven Backed, Over Coatable Composite Joint and Crack Sealing Tape

General

SS - JointSeal BT is a high performance, chemically resistant, flexible Self Adhesive Butyl / Non Woven PP Composite tape that is used to seal construction joints or cracks against the ingress of water. The material is tough in mechanical properties and is resistant to a wide variety of chemicals, which makes it suitable for use in a number of different waterproofing applications.

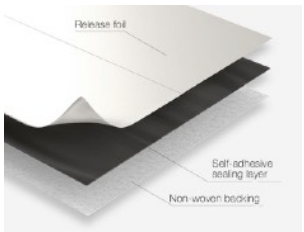
The tape system is applied by releasing the liner and adhering it to the prepared substrate, which allows the system to be applied over a wide variety of substrates including concrete, stone, cementitious surfaces and metals. The material can be used in areas that are critical and subject to movements.

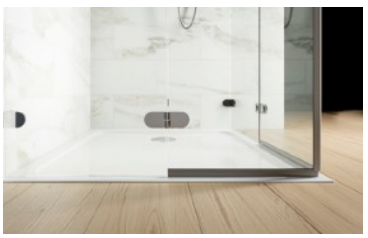
SS - JointSeal BT is available in widths of 80 mm and 120 mm. The material can be over coated with Cementitious, Acrylic or Resin Based Coating Systems. Due to its material make up the tape system can be used across a wide temperature range from - 30° C to + 60° C. **SS - JointSeal BT** can be used over construction, expansion joints, connection joints and over cracks.

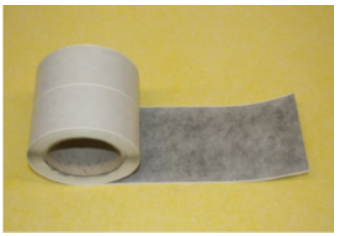
The system is easy to apply, while maintaining the integrity of the applied seal system.

Product Features

- Flexible
- Self Adhesive
- Resistance to a wide range of chemical liquids
- Can be applied over vertical or horizontal construction joints
- Can be used over concrete or metal
- Requires protection from abrasion
- 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 over coated with a waterproofing coatings







Areas of Application

- Used to seal construction, connection joints or cracks and seams against the ingress of water
- Roofs and balconies
- Wet Areas in Indoor areas
- Refurbishment of damaged construction joints
- Seams and cracks in metal roofs
- Sealing around Penetrations [pipes and services]
- Sealing and waterproofing of moving cracks
- Increasing length of water-path to enter concrete joints
- Waterproofing joints in outdoor areas exposed to moderate water pressure

Areas of Application

Specification Keywords	High Performance, Chemically Resistant, Self Adhesive, Butyl, Polypropylene, Composite Joint Tape
Delivered As	Solid, Grey Tape Rolls
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	80 / 120 mm wide, 25 m long rolls

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SS - JointSeal BT

Hazards and Safety

Technical Data

Tape Width and Thickness	80 mm, 120 mm, 0.77 mm thickness
Chemical Resistance, 7Day	Resistance to a wide range of chemical liquids
Breaking Load	Longitudinal: 30 N / 15 mm, Lateral: 19 N / 15 mm
Elongation	Longitudinal: 60%, Lateral: 80%
Resistance Water Pressure	0.2 Bar
Shore A Hardness	Needs Protection from Abrasion
Bond Strength	~ 1.0 N/mm^2
Burst Pressure	0.4 Bar
UV Resistance	Needs Protection by over coating

Instructions for Use

The dry or slightly humid floor/wall should be strong, durable, and free from dust, dirt and release agents. For concrete surfaces 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 > 10°C. For treatment of metal roof seams or cracks, prepare the metallic surface to be free of dust, rust and release agents. The metal surface should be free of corrosion to SA 2$^{1/2}$ Standard.

Prime the surface with a suitable primer. The release paper can then be peeled off and the tape can be adhered to the prepared / primed surface, over the construction joint / crack. The tape can then be over coated with a cementitious, acrylic or resin based waterproof coating.

Use a roller to smooth out air pockets. Overlap the tapes for a minimum of 5 cm. Grind the overlaps with sandpaper (80 grit) and fuse the edge seams with a roller. Push down the tape with a weighted roller to get rid of air pockets. To protect tape from external influences and to make it water tight, seal the tape with a waterproof coating.

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