

Swell-PolyTape

POLYMER BASED SWELLING TAPE

SMART ADVANTAGES

- Fills all the cracks, pores and capillary voids when contacted with water.
- Provides impermeability by penetrating into the concrete.
- It is compatible with ground water, fresh water, salt water and alkaline water

PRODUCT DESCRIPTION

Bostik Swell-PolyTape is a thermoplastic elastomer tape, that is used in the concrete joints to prevent water transition. It has the capability of %800 expansion.

AREAS OF APPLICATIONS

- In pools and water tanks,
- In tunnels, metros and garages
- In drainages and water treatment plants.
- In the joints of foundations and basement walls subject to water.

FEATURES

- Fills all the cracks, pores and capillary voids when contacted with water.
- Provides impermeability by penetrating into the concrete.
- Forms an active pressure against water in the concrete.
- Excellent compliance with deformed surfaces and joints.
- Saves time and labour.
- Holds suitable varieties and sizes for all kind of application.

PREPARATION OF THE SUBSTRATE

- In all applications, general construction standards and technical application specifications must be taken into consideration.
- The surfaces to be coated should be free of adhesive preventive foreign substances such as dust, dirt, mould oil, paint, water etc.; residues and wastes like cement, plaster and concrete should also be removed.

APPLICATION

- The Swell-PolyTape has to be settled min. 8 cm. away from the point that subject to water.
- A relavent adhesive can be used.
- In the joints of the tape, the ends must be side by side min. 50mm.
- After 8 hours ,concrete can be poured.
- After the application, the tape must be prevented from water until the concrete is poured..

PACKAGING

5 x 20 mm- 40 mt/roll

STORAGE

Shelf life is maximum 12 months in its original package when stored in a dry, clean and water- and humidity-free place.



TECHNICAL DATA

Colour	Blue
Size (mm)	20 x 5
Density (at 25°C) (gr/cm ³)	1,25
Expansion Capability	At the beginning : 5x20x150mm After 2 hours: 7x24x160mm (180%) After 24 hours: 9x34x225mm (459%) After 8 days: 10x44x278mm (815%)
Expansion pressure	1,06 N/mm ²
Water Pressure Resistance Joint width 2,5mm Joint width 1,0mm	2 bar 1,5 bar
Toxicity	No
Fire Resistance	Class E (DIN EN 13501-1)

Technical data are approximately provided according to a temperature of + 23°C and a relative humidity of 50%.



BOSTIK SMART SUPPORT

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