

SOUDATAPE ST, IC en OC

Revision : 28/08/2014

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Product

Sealing Tape. For the watertight sealing of 2D angles and 3D corners between walls and floors in bathrooms and showers.

Field of application

Soudatape ST, IC and OC sealant tapes are a part of the watertight sealing systems of Soudal in combination with elastic liquid membranes such as Soudagum LM or elastic cement-based waterproof coatings such as Soudaproof FX. The products are intended for the sealing of angles and corners and in bathrooms and showers. The products can be used horizontally and vertically. They can also be used in swimming pools, basements, terraces and shafts.

Advantages

- Permanent sealing in combination with the appropriate Soudal waterproof membrane.
- For inside and outside use, vertically and horizontally.
- Permanently elastic in high and low temperatures.
- Maximum elongation: 70 % across and 300 % along
- Resistant to alkaline substances.
- Resistant to salts.
- Resistant to several typical bathroom acids and chemicals.

Chemical resistance

Chemical	resistant after 7 days room temperature
hydrochloric acid 3%,	+
sulfuric acid 35%,	+
citric acid 100 g/L,	+
lactic acid 5%	+
potassium hydroxide 3%	+
potassium hydroxide 20%,	+
sodium hypochloride 0,3 g/L;	+
saline solution 20 g/L (sea salt)	+

Description

Soudatape ST, IC and OC are permanently elastic sealing tapes, consisting of a TPE membrane in the middle of 2 alkali resistant polypropylene non-woven layers.

The products provide a watertight sealant of angles and corners.

Application

1. Substrate preparation

- The substrate should first be covered with a first layer of a Soudal membrane.

2. Application

- Press the Soudatape with its polypropylene part firmly into the fresh material and leave to dry.
- After the first layer has hardened, apply the second layer of Soudal membrane (see technical data sheets of individual products).
- Lay the tapes and corner elements so that they overlap.

Technical Data	
Full width	120 mm
Weight	364 g/m ² +/- 75 g/m ²
Thickness	0,66 mm +/- 0,1 mm
Bursting pressure	2 bar ≥ 1,5 bar
Resistance to ozone (DIN 53509, part 1, ISO 1431-1)	resistant
Resistance to water under pressure (1.5 bar)	resistant for 24 hours
Resistance to UV (≥500 h)	resistant
Temperature stability	-30 °C / +90 °C

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Soudatape ST, IC and OC: white tape with Soudal printed in the middle.

Soudatape ST : 10m roll, width 120mm.

Soudatape IC : preformed internal corner piece, width 150mm, length 2x105 mm

Soudatape OC : preformed external corner piece, width 150 mm, length 2x120 mm

Consumption

1 m of Soudatape ST per m angle.

1 Soudatape IC or OC per corner, with 50 mm overlap to the Soudatape ST.

Packaging

Soudatape ST: 10 m per box..

Soudatape IC: 2 per polybag.

Soudatape OC: 2 per polybag.

Storage/ Shelf Life

Store the product in a dry and well ventilated place, clear of the ground and in unopened packaging at temperatures between +5 °C and 30 °C.

Shelf life is indefinite.

Health & safety

No particular instructions.

Note: the information and recommendations provided in this technical data sheet is given in good faith and based on laboratory test and on the job experience of the manufacturer. In practice, site conditions and substrates might be such that the manufacturer cannot warrant the fitness for each individual purpose. The user of the product must test the product for it's intended use and ascertain himself that the product will work under the specific conditions of the jobsite. The manufacturer does not accept any liability based on the content of the technical data sheet. The user must verify that he holds the latest version of the technical data sheet. The manufacturer reserves the right to change the properties of the product. Products must be properly stored, handled and applied in line with manufacturer's recommendations.