

PRODUCT DATA SHEET

SCC Bentonite SwellStrip

Bentonite Swelling Tape for Salt Water Waterproofing

Product Description:

SCC Bentonite SwellStrip is a high-performance bentonite polymer based expanding tape for waterproofing construction joints.

Characteristics/Advantages:

- Simple application
- Dimensionally stable even at high temperatures
- Suitable for freshwater and saltwater
- Rapid expansion
- Self-injecting function by penetrating cracks and voids

Typical Application:

SCC Bentonite SwellStrip is used in concrete construction for the sealing of construction joints including wall to base connections, pipe entry systems, sealing of openings and interface sections between existing and new concrete.

Substrate Preparation:

The substrate must be sustainable, mostly flat and a closed surface texture. It is essential that it is free from gravel pockets, cavities, gaping cracks, dust and be free from adhesion inhibiting substances. Sintering layers are to be removed by mechanical abrasion if necessary.

Product Application:

Verify that there is no standing water and the concrete is clean. Most waterstop installation requires nails, screws, adhesives or a self-adhesives option to secure them to cast concrete in place.

Application Temperature: -10°C / 50°C

See images below for application steps.

Appearance:

Colour: Black
Format: Square profile
Dimension: 20 mm x 10 mm

Technical Data – Testing Information

Density:	Approx. 1.4 g/cm ³
Swelling Capacity (lying in drinking water):	Day 7 ≥200% Day 14 ≥300% Wet/dry difference ≥300%
Shore:	50
Water pressure resistance (14 days):	7 bar

Notes:

SCC Bentonite SwellStrip must be stored dry. Make sure that the tape lies flat and planar on the concrete, without any contamination beneath **SCC Bentonite SwellStrip**. Before concreting protect **SCC Bentonite SwellStrip** from moisture and inspect it visually. Very swollen **SCC Bentonite SwellStrip** is not suitable and must be removed. **SCC Bentonite SwellStrip** is unsuitable for expansion joints.

Storage:

Maximum of 24 months – it is essential that goods are kept in the original packaging, kept frost free and dry, and protected from the weather.

Health and Safety:

Refer to **SCC Bentonite SwellStrip** SDS sheet



Stanton Construction Chemicals Pty (Ltd).

Unit 2A Veni View Park 547 Heritage View Drive
Muldersdrift, South Africa, 1735

Tel: +27 (0) 10 593-4454

Email: www.office.co.za

Website: www.sccsa.co.za



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