

PRODUCT DATA SHEET

SCHÖNOX® ST

A HIGHLY FLEXIBLE SEALING TAPE, WITH CORNER OR PIPE PENETRATION COMPONENTS FOR USE IN WATERPROOFING APPLICATIONS

DESCRIPTION

A flexible Bond breaker tape, with corner and pipe penetration components for used with waterproofing systems.

- Schonox ST corners and pipe penetrations are a highly flexible tape designed to be used on internal and external angles in conjunction with the Schonox iFix adhesive as a part of the Schonox AB waterproofing system.
- Schonox ST can be used with Sika approved water-based under tile waterproofing membranes.
- Schonox ST can be used with Sikalastic 1K membrane.

USES

Schonox ST Tape is used at wall / floor junctions to add a waterproof seal.

Areas of use:

Internal and external corners, change of plane details, pipe penetrations.

- Balconies & terraces
- Pools, & spas
- Wet areas
- Highly loaded commercial wet areas / wet rooms, hospitals, and commercial kitchens
- For use with Schonox AB system
- For use with Sikalastic 1K waterproofing membrane
- For use with Sika approved under tile waterproofing membranes

PRODUCT INFORMATION

Composition	Permanent elastic, non ageing thermoplastic elastomer
Packaging	Schonox ST Tape: 50 Meter Roll Schonox ST D pipe penetrations: 25 per box Schonox ST EA & IC corners: 50 per box
Shelf life	2+ Years from Date of manufacture

Storage conditions	Store in dry conditions
Appearance and colour	Grey or Yellow
Length	Schonox ST Tape: 50 Lineal meters
Width	Schonox ST Tape: 120mm
Thickness	0.6mm

SYSTEM INFORMATION

System structure	<p>Schonox ST is used in conjunction with the following;</p> <ul style="list-style-type: none"> ▪ Schonox AB waterproofing system ▪ Sika approved water based under tile waterproof membranes ▪ Sikalstic 1K <p>For other similar sika products seek further technical advice from Sika Australia.</p>
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TECHNICAL INFORMATION

Tensile strength	Longitudinal	≥85N / 15mm
	Lateral	≥15N / 15mm
(DIN EN ISO 527-3)		
Elongation	Longitudinal	≥50%
	Lateral	≥200%
(DIN EN ISO 527-3)		
Service temperature	-30°C Min to +90°C Max.	
Watertightness	1.5 bar (DIN EN 1928 Procedure B)	
Equivalent air layer thickness for water vapour	S _d ≥7mm (DIN EN 1931)	
Chemical resistance	<p>Chemically resistant against:</p> <ul style="list-style-type: none"> ▪ Caustic Potash 3% ▪ Acetic Acid 5% ▪ Lactic Acid 5% ▪ Hydrochloric Acid 3% ▪ Sulphuric Acid 35% ▪ Citric Acid 10% ▪ Sea Water 20g/l sea salt 	
Resistance to UV exposure	500 hours	

APPLICATION INFORMATION

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

IMPORTANT CONSIDERATIONS

- Schonox AB Sheet Membrane is designed as a complete system. Non proprietary products use to fix the sheet and use of non proprietary tapes Sleeves and corners will be deemed non-compliant.
- Schonox AB system is not suitable for solvent based coatings.
- Please consult Sika Australia for applications with

Negative pressure / rising damp.

- For installations not mentioned in this document please seek further technical advice from Sika Australia.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

APPLICATION METHOD / TOOLS

Schonox AB system installations

Install the St Tape and corners onto a fresh layer of Schonox IFix adhesive on movement joints, floor/wall connections, corners, drains and around pipes.

Cut Schonox ST tape to the required size. Lay the Schonox ST tape onto a fresh layer of Schonox IFix adhesive. Apply pressure with the Schonox smoothing tool avoiding bubbles under the Tape. It is recommended to smooth the membrane outwards from the middle of the sheet to the edges.

All joints must be bonded and sealed with the Schonox IFix adhesive. Effective width of the Schonox AB sheet overlaps must be a minimum 50mm.

**refer to Schonox IFix and AB TDS for additional information.*

Sika approved water-based under tile membrane installations

Schonox ST Tape & ST Corners

Apply a single layer of membrane to wall/floor junctions and corners and place the Schonox ST corners onto the membrane. Apply additional membrane 80mm over the edges of the Schonox corner edges and on the wall /floor junctions and apply the Schonox ST tape. Ensure tape & corners are flat & avoid air bubbles. Apply an additional layer of membrane over the face of the Tape and corners at minimum film thickness requirements.

Schonox ST D Pipe penetrations

Apply a single layer of membrane around pipe penetrations and apply the Schonox ST D penetrations as required. Ensure Schonox ST is flat and free from air bubbles. Apply an additional layer of membrane 50mm over lapping all edges Schonox ST D penetrations.

**Refer to waterproofing membrane TDS for additional information.*

Sikalastic 1K installations

Schonox ST Tape & Corners

Apply a single layer of Sikalastic 1K to wall/floor junctions and corners leaving a 10mm void directly under the wall floor junction and place the Schonox ST corners onto the membrane. Apply additional membrane 80mm over the edges of the Schonox corner edges and on the wall /floor junctions and apply the Schonox ST tape. Ensure tape & corners are flat & free from air bubbles.

Schonox ST D Pipe penetrations

Apply a single layer of Sikalastic 1K around pipe penetrations and apply the Schonox ST D penetrations as required. Ensure Schonox ST is flat and free from air bubbles. Apply an additional layer of Sikalastic 1K over lapping all edges Schonox ST D penetrations by a minimum 50mm.

**In Australia, applications that shall remain exposed and not covered by a tiling installation please apply Sikalastic 1K membrane to the entire face of the Schonox ST Tape.*

**Refer to Sikalastic 1K TDS for additional information.*

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.