

Components: SCHÖNOX ST D15, ST D4, ST D8, ST D17, ST D21, ST D35, ST D40, ST D65 STRETCHABLE SEALING SLEEVE WALL, SCHÖNOX ST FC SEALING SLEEVE FLOOR, SCHÖNOX ST IC INTERIOR ANGLE, SCHÖNOX ST EA EXTERIOR ANGLE

SCHÖNOX ST SEALING TAPE is a crosswise elastic, double-sided fleece-cladded special seal tape. In combination with SCHÖNOX bonded sealings to tighten wall- and wall-/floor connections. Also suitable for joints as well as for connections with danger of cracking and penetrations.

Product characteristics

- EMICODE EC 1^{PLUS}: very low emission
- high breaking strength
- alkali-proof
- crosswise elastic
- permanent highly elastic
- extensible
- watertight
- waterproof
- resistant against ageing
- rotproof
- easy to apply
- good adhesion to SCHÖNOX bonded sealings
- resistant against aggressive media

Applications

SCHÖNOX ST SEALING TAPE and SCHÖNOX ST-COMPONENTS are suitable as set in combination with SCHÖNOX bonded sealings:

- for the fabrication of composite membranes in highly loaded wet areas for moisture loading classes A, B and C according to building regulation A, Part 2, Figure 2.50
- SCHÖNOX ST SEALING TAPE and SCHÖNOX ST-COMPONENTS does full-fill the requirements of EOTA ETAG 022, waterproofing for walls and floors in wet areas.
- in highly loaded commercial wet rooms, such as shower rooms in sport halls, therapy rooms in hospitals and the like
- for catering kitchens, car washes and cold storage houses
- in swimming pools and water basins in combination with ceramic coverings
- on balconies and terraces

Substrates

SCHÖNOX ST is suitable on even, absorbent and non-absorbent substrates e.g.:

- concrete (at least 3 months old)
- aerated concrete

- cement plaster, lime-cement plaster (CS II, CS III of CS IV according to EN 998-1, compression strength $\geq 2,5 \text{ N/mm}^2$)
- gypsum plaster according to EN 13279-1, compression strength $\geq 2,5 \text{ N/mm}^2$; residual moisture $\leq 1,0 \text{ CM-\%}$)
- gypsum board
- construction boards
- masonry
- cement and rapid cement screeds
- mastic asphalt screeds (completely sanded) IC 10 and IC 15 according to EN 13 813
- old ceramic coverings
- calcium sulphate based screeds

Requirements of substrate

- Adequate strength, load bearing capacity, dimensional stability and permanent dryness.
- Free of residues which reduce adhesion, e.g. dust, dirt, oil, fat and loose particles.
- Surface treatments or any "friable" areas of the subfloor must be mechanically removed and the subfloor repaired with SCHÖNOX levelling compounds as required.
- Layers of water-soluble adhesives, e.g. sulphite-waste-adhesives, are to be mechanically removed.
- Old water-resistant adhesives are to be mechanically removed as thoroughly as possible.
- Old floors, such as ceramic tiles are to be thoroughly cleaned and sanded.
- Smooth rock pockets in concrete and coarsely porous concrete substrates using SCHÖNOX PL.

Recommended method of working

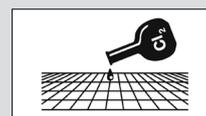
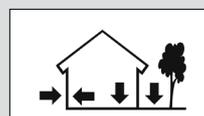
- The SCHÖNOX ST SEALING TAPE and the SCHÖNOX ST-COMPONENTS are used for the realization of details before applying the membrane to the entire surface area.

Technical data

SCHÖNOX ST SEALING TAPE

- roll width: 120 mm
- Material thickness: appr. 0,6 mm
- mass per unit area: approx. 0,43 g/m
- Coating: permanent elastic, non-ageing, thermoplastic elastomer
- Color: grey
- Temperature resistance SCHÖNOX ST, SCHÖNOX ST FC DICHTMANSCHETTE BODEN, SCHÖNOX ST IC INNENECKE and SCHÖNOX ST EA AUSSENECKE: -30 °C up to +90 °C
- Temperature resistance SCHÖNOX ST D (4, 8, 15, 17, 21, 35, 40, 65) DEHNZONENMANSCHETTE WAND: -5 °C up to +60 °C
- Chemically resistant against:
 - caustic potash 3 %
 - acetic acid 5 %
 - lactic acid 5 %
 - hydrochloric acid 3 %
 - sulphuric acid 35 %
 - citric acid 10 %
 - sea-water 20 g/l sea salt

All values are approximate and are subject to climatic fluctuations.



- The SCHÖNOX ST SEALING TAPE and the SCHÖNOX ST-components are embedded wrinkle free into the fresh SCHÖNOX bonded sealing and fixed directly to the subfloor using a smoothing trowel or a spatula.
- Use in each case the SCHÖNOX bonded sealing, which you use for the entire surface area. (exception: SCHÖNOX AB, Pay attention to the product data sheet)
- If possible resp. necessary SCHÖNOX ST SEALING TAPE can also be carried out as a loop. Take care, that no sealing material is filled into the joint.
- Install SCHÖNOX ST SEALING TAPE and SCHÖNOX ST-COMPONENTS at abutting edges with at least 5 cm overlapping.
- Hereafter start with applying the bonded sealing in the surface area. (Pay attention to the product data sheets of SCHÖNOX bonded sealings).
- In areas with moveable zones, e.g. loop installing or over movement- and building joints, spare the bonded sealing in the same width.
- Pull over the sealing sleeve evenly over the pipe. The STRETCHABLE SEALING SLEEVE SCHÖNOX ST D fits right, if appr. 4 mm of the stretchable range is adapted over the pipe.
- Pay attention to use the STRETCHABLE SEALING SLEEVE only in combination the installed pipe extension. Do not by any means install the STRETCHABLE SEALING SLEEVE in combination with the normal blind plug made from plastics.
- There is no given punch hole at the SCHÖNOX ST FC SEALING SLEEVE FLOOR. Cut out an appropriate punch hole with a scissor or a knife. Carry out round or in corner regions rounded punch holes.
- In permanent wet and underwater areas use preferable pipe penetrations and drains with loose-fixed-flange or pipes with suitable sufficient width flange to glue.
- SCHÖNOX ST FC SEALING SLEEVE FLOOR
20 pieces/carton (425 x 425 mm)
- SCHÖNOX ST IC INTERIOR ANGLE
50 pieces/carton
(side length 140 mm)
- SCHÖNOX ST EA EXTERIOR ANGLE
50 pieces/carton
(side length 140 mm)
- SCHÖNOX ST D 15 STRETCHABLE SEALING SLEEVE
20 pieces/carton (120 x 120 mm)
Punch hole 15 mm
Pipe diameter 24 - 30 mm
- SCHÖNOX ST D 4 STRETCHABLE SEALING SLEEVE
20 pieces/carton (120 x 120 mm)
Punch hole 4 mm
Pipe diameter 6 - 12 mm
- SCHÖNOX ST D 8 STRETCHABLE SEALING SLEEVE
20 pieces/carton (120 x 120 mm)
Punch hole 8 mm
Pipe diameter 15 - 20 mm
- SCHÖNOX ST D 17 STRETCHABLE SEALING SLEEVE
20 pieces/carton (150 x 150 mm)
Punch hole 17 mm
Pipe diameter 28 - 35 mm
- SCHÖNOX ST D 21 STRETCHABLE SEALING SLEEVE
20 pieces/carton (150 x 150 mm)
Punch hole 21 mm
Pipe diameter 35 - 50 mm
- SCHÖNOX ST D 35 STRETCHABLE SEALING SLEEVE
20 pieces/carton (150 x 150 mm)
Punch hole 35 mm
Pipe diameter 42 - 50 mm
- SCHÖNOX ST D 40 STRETCHABLE SEALING SLEEVE
20 pieces/carton (180 x 180 mm)
Punch hole 40 mm
Pipe diameter 50 - 65 mm
- SCHÖNOX ST D 65 STRETCHABLE SEALING SLEEVE
20 pieces/carton (250 x 250 mm)
Punch hole 65 mm
Pipe diameter 100 - 120 mm

- Storage life of 2 years (in closed packaging).

Disposal

- For the disposal of product residues, waste water and containers with adherent product residues please follow the local governmental regulations.

EMICODE

- EC 1^{PLUS}: very low emission

Instructions

- Please follow the relevant product data sheets when using complementary products. If in doubt, we recommend obtaining further information from the manufacturer.
- SCHÖNOX ST SEALING TAPE and SCHÖNOX ST-COMPONENTS are not suitable for direct contact to solvent based sealants or adhesives. In especially chemical loaded areas and if loaded with oil, fuel or alcohol ask for further information before use. In case of doubt run a test regarding resistance.
- The requirements of the relevant valid standards, guidelines and data sheets apply.

Packaging

- SCHÖNOX ST SEALING TAPE
10 m roll (120 mm width)
50 m roll (120 mm width)

Storage

- Store in cool, dry conditions, protect against sunlight.

The applicable recommendations, guidelines, DIN regulations and safety data sheets are to be observed, together with the recognised architectural and engineering regulations. We guarantee that our products leave the factory in perfect condition. While our recommendations for use are based on tests and practical experience, they can only provide general guidance without any assurance as to product characteristics, since we have no influence over the conditions on site, the execution of the work or the method of processing. This product data sheet supersedes all previous editions.



The Sika management system is certified to ISO 9001 and 14001 by SQS

Sika Deutschland GmbH

Subsidiary Rosendahl

P.O. Box 11 40

D-48713 Rosendahl / Germany

Phone +49 (0) 2547-910-0

Fax +49 (0) 2547-910-101

E-mail: info@schoenox.de

www.schoenox.com



SCHÖNOX is a brand of the SIKA Group