

Clamp joint SX®

Compression profile

TECHNICAL DATASHEET

Status 05.10.2021

Item no.: S07202025
S07203035
S07204045

PROPERTIES

Clamp joint SX® is an advanced hollow chamber profile based on EPDM for subsequent sealing of movement joints. The profile's special form (the profile looks like a thorax) enables it to be fitted quickly and securely in expansion joints by jamming it in with a cotter pin, on the other hand the thorax stops the profile being pushed outwards by back pressure of in-situ water. During insertion the ribs rest lightly against the center bar, whereas they swing out when pressure pushes from the backside, which results in a deadlock of the profile in the joint.

APPLICATION

Clamp joint SX® is applied for subsequent waterproofing of movement joints (dilatation joints, building joints). **Clamp joint SX®** is selected depending on the width of the joint. It is installed into the joint under compression. In advance **Polymer-swellingpaste SX® 100** is installed both sided on the flanks of the joint. **Polymer-swellingpaste SX® 100** will be spread along the flanks of the joint by the cone-shaped front part of the profile and it will pile up between joint and **Clamp joint SX®**. **Polymer-swellingpaste SX® 100** locks the **Clamp joint SX®** safely in its correct position and seals up the joint additionally.

Clamp joint SX® 20/25 for joint widths of 20 – 25 mm

Clamp joint SX® 30/35 for joint widths of 30 – 35 mm

Clamp joint SX® 40/45 for joint widths of 40 – 45 mm

TECHNICAL DATA

Element length: 10.0 m (SX® 20/25) or 5.80 m (SX® 30/35, SX® 40/45)

Profiles:	Clamp joint SX® 20/25	width: 36 mm	height: 35 mm
	Clamp joint SX® 30/35	width: 46 mm	height: 45 mm
	Clamp joint SX® 40/45	width: 56 mm	height: 55 mm

Hardness: 60 - 70° Shore A

Resistances: Temperature: -35°C / +110°C

Ozone/UV: excellent
atmospheric conditions

Acids, bases, ketones, alcohol: excellent

Lacquer: indifferent – only with Peroxide – but not with sulfide

Oils & fats,	vegetable:	good
	animal:	limited
	mineral:	limited

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PACKAGING & STORAGE

Clamp joint SX® 20/25	10 m per carton
Clamp joint SX® 30/35	5,8 m per carton
Clamp joint SX® 40/45	5,8 m per carton

Clamp joint SX® must be stored in a dry place. Avoid mechanical damage.

INSTALLATION

The flanks of the joints must be solid, clean, dry and free of loose particles. When indicated the flanks must be restored before installing **Clamp joint SX®**. After cleaning **Polymer-swellingpaste SX® 100** is installed both-sided on the flanks of the joint. **Clamp joint SX®** is selected according the width of the joint and installed under compression with a cotter pin into the joint. **Clamp joint SX®** must finish with the surface of the joint. **Clamp joint SX®** can be butt joined and bonded with **EPDM Contact adhesive SX®**.

ACCESSORIES

Item no. S07202025	Clamp joint profile SX 20/25 L=10 m
Item no. S07203035	Clamp joint profile SX 30/35 L=5,8 m
Item no. S07204045	Clamp joint profile SX 40/45 L=5,8 m
Item no. S02830291	Contact adhesive Super X1 PLUS
Item no. S02410290	Polymer-swellingpaste SX® 100
Item no. S07920002	EPDM Contact adhesive SX®

Note:

The information on this data sheet is based on our experience and given to the best of our knowledge, but is not legally binding. Recommendations, which are at variance with those stated in this data sheet, are only binding for us, when confirmed in writing. The manufacturer is not responsible for damages resulting from the misuse or incorrect storage of the product. For the accuracy of this information we are liable within the scope of our delivery and service conditions. Creation date: 10/2021