

## TECHNICAL DATA

### **FIX-FORM 50 Expanding Tape** Expanding polyurethane foam, self-adhesive

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#### **DESCRIPTION**

FIX-FORM 50 Expanding Tape is an open-cell polyurethane expanding foam tape based on materials opened to diffusion, impregnated with a modified acrylic dispersion and flame retardant fillers, plasticizer-free. One side with a strong adhesive tape. Provides a weatherproof seal with excellent UV stability, also minimizing the risk of dry-rotting and fungal infection of the surfaces in contact with sealant. Tapes allow ventilation of joints.

#### **APPLICATIONS**

- \* sealing of joints between supporting structure and window- and doorframes.
- \* sealing of joints between concrete elements
- \* sealing of window- and doorsills
- \* sealing of skylight windows
- \* sealing of structural roofing elements
- \* sealing of log houses
- \* mounting of noise- and vibration isolations, ventilation- and conditioning equipment.
- \* noise- and vibration isolation for mobile equipment

#### **PRODUCT DATA**

Open-cellular polyurethane foam impregnated with a modified acrylic dispersion, no plasticizers, added flame retarding fillings. The tape is on one side provided with a strong self-adhesive acrylic tape.

Available colours	Grey
Density at 23 °C	50 kg/m <sup>3</sup>
Tensile strength	155 kPa
Elongation	170%
Compression resistance	4-5 kPa
Fire resistance	B1 (DIN 4102)
Water penetration resistance	180 Pa (DIN EN 86)
Air penetration	0,03 m <sup>3</sup> /(h*m*(daPa) <sup>2/3</sup> ) (DIN EN 42)
Temperature resistance	-40 °C ÷ +100 °C
Temperature resistance short term	-40 °C ÷ +130 °C

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### Storage stability

FIX-FORM 80 Expanding Tape has a shelf life of at least 24 months if stored in a cool, dry place in closed original packaging at temperatures not exceeding 25 °C.

### Application/mounting

1. The joint surfaces must be clean and dry.
2. The joint surfaces must be right-angled.
3. The dimensioning of the joint sealant tape to be in accordance with our dimensioning table. Possible movements of the construction should be taken into consideration.
4. Cut off the joint sealant tape with an excess length of approx. 3%. The first and last 3-5 cm of the roll to be discarded.
5. Remove the release liner, and fix the joint sealant tape to the most suitable surface. If necessary, e.g. a putty knife could be used to fix the joint sealant tape firmly.
6. The joint sealant tape is mounted approx. 2-3mm behind the front edge of the joint.
7. The joint sealant tape must never be mounted around corners, but must instead be cut and pushed together right-angled. The excess lengths are pressed well into the corners. Vertical joint sealant tapes are led through in full.
8. When making joint sealant tape extensions the ends must be pushed together. Avoid overlapping joint sealant tapes.

The ideal mounting temperature lies between +5 °C and +30 °C.

It is recommended that the joint sealant tape is always stored at room temperature. At low temperatures a hot-air-heater can be used to accelerate a slow expansion.

### Restrictions on use

Never clean with high pressure or strongly acidiferous fluids.

Never paint the joint sealant tape.

*NB! The information supplied is accurate to the best of knowledge and is based upon all current data available to it. Properties quoted are typical and do not therefore constitute a specification. Customers must complete their own assessment of the product for its intended application under their own conditions. Our technical advice is to be regarded as an expression of opinion only and although such advice is given in good faith, it shall not, in any circumstances, be regarded as the basis of or as being a representation or statement of fact. This applies also where propriety or protective rights of third parties are involved. Any liability arising in respect of our products will be strictly limited to the value of those products charged to the customer and shall not extend to any consequential loss whatsoever and howsoever arising. Freedom from Patent Rights must not be assumed. This document does not form of any contract with a customer.*