

TECHNICAL DATA

FIX-FORM VS300 Expanding Tape Expanding polyurethane foam, self-adhesive

DESCRIPTION

FIX-FORM VS300 Expanding Tape is an expanding foam tape based on materials opened to diffusion. Provides a weatherproof seal up to watertight performance under than 300 Pa with 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 double glazed casement windows
- * 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 acrylic resin, no plasticizers, added flame retarding fillings. The tape is on one side provided with a strong self-adhesive acrylic tape.

Available colors	Grey
Impermeable to driving rain	BG2 (>300 Pa) DIN 18542
Airtightness	BG2 DIN 18542
Fire resistance	B2 DIN 4102
Service temperature	-40 °C ÷ +90 °C
VOC Emissions	Low emission EN ISO 16000

Storage stability

Expanding Tape FIX-FORM VS300 has a shelf life of at least 24 months if stored in a cool, dry place in closed original packaging at temperatures between +1°C and + 25 °C.

Application/mounting

1. The joint surfaces must be clean and dry.
2. The joint surfaces must be right-angled.
3. Tape selection should be based on the joint depth and the gap to be filled. The width of the tape must be less than the depth of the joint. The size of the tape used must be driven by the dimensions of the joint.
4. Do not unroll all of the tape at once as expansion can make insertion into the joint difficult. Peel back the release paper and position the product into the gap.
5. Additional 10mm per meter is needed when cutting the tape length. The first and last cm of the roll to be cut off. Corners and intersections should be made by linking two sections in a compressed butt joint. Cut the tape with square ends, oversize the lengths for a tight and compressed joint.
6. 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.
7. The joint sealant tape is mounted approx. 2-3mm behind the front edge of the joint. Ensure that the membrane is to the inside of the opening.
8. Apply first to the top, then on the right and left sides and then on the bottom, bonding with the aid of the self-adhesive strip.
9. 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. The top and the bottom tapes must be cut to be aligned with the left and right sides of the wall.
10. When making joint sealant tape extensions the ends must be pushed together. Avoid overlapping joint sealant tapes.
11. 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. The expansion rate depends of the temperature: at low temperatures a hot-air-heater can be used to accelerate a slow expansion and increase the rate; at high temperature, tapes should be stored in a cooler place prior to use.

Painting & Finishing

The tapes can generally be used with most common building materials (wood, PVC, aluminum, steel) and sealants.

Test the compatibility of all painting and finishing compounds with each product.

NOTE! Please take into consideration that these instructions are meant as a guide only. We advise that the user tests the specific application.