ALBAU LTD

V 01

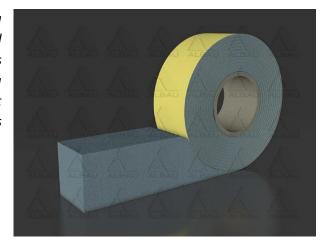
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Product technical data sheet

SELF-EXPANDING SEALING TAPE 300

Impregnated self-expanding polyurethane foam sealing tape for sealing open and closed connection and expansion joints. The self-expanding sealing tape is water-repellent as well as UV-resistant, with a driving rain tightness of up to 300 Pa. Protects the joint against moisture and weather effects. The sealant is permanently elastic and moves with the joint.



Areas of application:

- sealing concrete and masonry facade expansion joints;
- door and window frame joints;
- roofing sheets;
- insulating timber and log houses;
- soundproofing internal and partition wall joints;
- insulating ventilation and air exchange devices against sound and vibration.

Technical information:

| Product code | EAN | Seal width | Recommended gap | Expansion | Tummy max. height | Length | Color |
|----------------------|---------------|---------------|-----------------|-----------|----------------------|--------|-------|
| | | [mm] | [mm] | [mm] | [mm] | [m] | |
| ALB-EXT3060- 2.6 | 4751023403243 | 30 | 12-20 | 40 | 60 | 2.6 | grey |
| ALB-EXT8060- 2.6 | 4751023403250 | 80 | 12-20 | 40 | 60 | 2.6 | grey |
| ALB-EXT7015- 10.0 | 4751023403229 | 70 | 3-4 | 10 | 70 | 10 | grey |
| ALB-EXT9030- 5.6 | 4751023403236 | 90 | 5-10 | 20 | 90 | 5.6 | grey |

Characteristics of self-expanding tape:

- Slowly expands when released from the roll.
- Expands and fills out all cracks and uneven parts of the joint.
- Leaves a completely homogenous tight seal.
- Resistant to water-penetration and uV-light.
- Minimizes the risk of wet-rot and fungal infection of the building system.
- The open cell structure allows breathability of joints and evaporation of moisture.
- Remains elastic.
- Safe for user and the environment.



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In outer joints ensures preservation of foam properties and protects it from uV rays.

Application instructions

One side of the tape is covered with an adhesive fabric for fixing the sealant to the joint. The underside of the adhesive fabric must be kept clean and dry.

When choosing the sealant, consult the measurements table (packaging and measurements) below, taking into account any possible deviations of the structure. Select the sealant based on joint width and cut the tape approx. 3% longer than the joint length. Do not use the first and last 3–5 cm of the tape roll. See the table for recommended joint width for different sealant sizes. For comfortable installation, joint width should fall between the two extremes marked on the sealant. Remove the coating of the adhesive strip and press the tape to the surface. Install the sealing tape at a distance of 2–3 mm from the edge of the joint.

Application conditions

- Ideal application temperature is +5 °C to +30 °C.
- Avoid pressure cleaning or using highly acidic solvents.
- The self-expanding sealing tape is non-paintable.

Technical data

| Characteristics | Unit | Value | |
|--|--|-----------------|--|
| Air permeability (DIN NE 42) | m ³ /(h*m*(daPa) ⁿ) | ≤ 1,0 | |
| Tightness against rain of joints Δp (DIN 18542) | Pa | | |
| Tightness against rain of joint intersections Δp (DIN 18542) | Pa | ≥ 300 | |
| Temperature tolerance (DIN 18542) | °C | -40 to +80 | |
| Compatibility with adjacent construction materials (DIN 18542) | °C | -40 to max +100 | |
| Diffusion resistance factor (DIN 18542), μ | | BG2 | |
| Tensile strength | kPa | 155 | |
| Lengthening | % | 170 | |
| Pressure strength | kPa | 4-5 | |
| Reaction to fire (DIN 4102) | | B2 | |
| Usage heigth from the ground | m | 20 | |

The technical data apply to correctly installed and pressurised sealing tapes.

Storage

Guaranteed shelf life is 2 years from the manufacturing date when stored in a cool and dry place in original packaging at temperatures between +5 °C and +30 °C.

