TOPBAND

CHARACTERISTICS

- Joint sealing tape of polyurethane soft foam
- With acrylic dispersion impregnation, additives and fillers
- Pre-compressed on rolls, self-adhesive on one side
- Difficult to enflame: fire class B1 according to DIN4102
- Acoustically insulating
- Class BG1 according to DIN 18542 (*)
- Vapour diffusion open
- Airtight and watertight (*)
- Rainproof up to at least 600 Pa (*)
- Good weather resistance
- UV resistant
- Can be applied in all weather conditions

APPLICATIONS

- For vapour permeable, airtight, watertight and permantly elastic joints.
- Universally applicable in sealing of construction joints. Suitable applications are window construction, prefabricated construction, masonry, wood and concrete construction.
- Sealing of connection joints and expansion joints between various components.
- Windproof sealing of foils in roof extensions.
- Can also be inserted in existing joints due to the pre-compression.
- Can be used as a back padding for an elastic joint kit, even for joint widths outside the area of application for BG1 classification.

TECHNICAL CHARACTERISTICS	
Colour	Black
Stress group: DIN 18542	BG1
Fire behaviour/Building material class: DIN 4102	B1
Joint permeability: EN 1026	$a_n \leq 1$ m³/[h.m (daPa)$^{2/3}$] (*)
Heavy rain tightness: EN 1027	≥ 600 Pa (wind force 11, building height 100 m) (*)
Temperature resistance: DIN 18542	-30°C to +80°C with peaks up to +100°C
Compatibility with conventional building materials: DIN 18542	Compliant
Water vapour diffusion: ISO 12572	sd <0,5 (*) (= vapour permeable)
Shelf life, in the original unopened packing in cool and dry conditions between +5°C - +25°C	18 months

PACKING AND MEASUREMENTS			
Width of Topband = joint depth	**Specific application area = joint width (**)**	**Maximum expansion (***)**	**Packing**
10 mm	1,5 – 2,5 mm	9 ± 1 mm	16 rolls of 24 m/box
10 mm	2 - 4 mm	11 ± 1 mm	16 rolls of 24 m/box
10 mm	3 - 7 mm	23 ± 1 mm	16 rolls of 15 m/box
15 mm	1,5 - 2,5 mm	9 ± 1 mm	10 rolls of 24 m/box
15 mm	2 - 4 mm	11 ± 1 mm	10 rolls of 24 m/box
15 mm	3 - 7 mm	23 ± 1 mm	10 rolls of 15 m/box
15 mm	4- 9 mm	28 ± 1 mm	10 rolls of 15 m/box
20 mm	2 - 4 mm	11 ± 1 mm	8 rolls of 24 m/box
20 mm	3 - 7 mm	23 ± 1 mm	8 rolls of 15 m/box
20 mm	5 - 12 mm	40 ± 1 mm	8 rolls of 10 m/box

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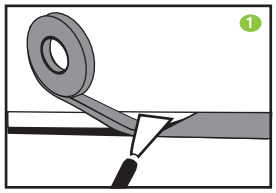
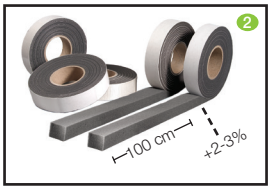
* Within a specific application area: see the “Packaging and Measurements” table.
** Width of the joint where Topband achieves the BG1 classification.
*** Depending on the ambient and material temperature and the age of the tape.

METHOD OF USE

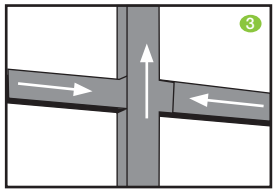
Preparation



- Make sure the surrounding materials are compatible.
- The choice of the dimensions of **Topband** must correspond to the actual (max.) width of the area that needs to be sealed. Take into account the variations in the joint width depending on temperature or movement.
- The expansion behavior of the sealing tapes depends on the ambient and material temperatures (Eventual the tapes to acclimatize before application) and the age of the tape.
- Expansion slows down with cold temperatures.
- The surface must be as flat as possible, clean, dustfree and wind dry. The joints must be as parallel as possible (in certain cases a replastering or reprofiling of he the joints in old building can be necessary). The specific application area may not be exceeded or diminished, not even on uneven surfaces.

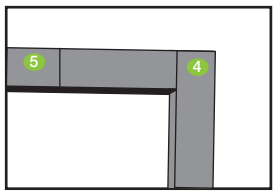


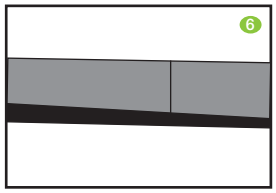
Application

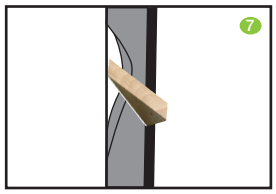


- Cut the first 2 cm off the band.
- Remove approximately 20-30 cm from the back strip and place the tape in the joint parallel to the edge and 1-2 mm from the edge.

1. Press the adhesive side of the tape into the joint (eg. with a spatula) and continue to press lightly, bit by bit by just pressing gently. If necessary, attach the end of the tape to the roll with a clip or adhesive tape. The tape may never be stretched!
2. When installing expanded tape, place the tape along the total length of the joint and cut the tape 2-3% longer than the total length of the joint. Stick the tape in the correct place and fix the material with the tape, if necessary with a clamp. The compression applied determines the specific application area and thus the effectiveness of the seal.
3. **Cross joint or T-joint:** First attach the vertical tape in 1 piece and then work with the horizontal tapes from the outside corners inwards.
4. **Corners:** To avoid leaking joints, never put the tape around the corners, but place it as shown in the drawing. Form a corner with the tape.
5. **Connection**: Gently press the tapes together. Never twist or overlap.
6. **Varying joint widths**: When the width of the joints show considerable differences, the use of sealing tapes in different sizes is recommended. Never overlap the ends.
7. **Moist or dirty joints**: If the tape does not stick sufficiently on damp, dusty or ice-cold joints, clamp the tape at various points with wedges. Remove the wedges after expansion.







Cleaning

Clean hands with soap and water.
Adhesive residue can be removed with **Parasilico Cleaner**.

Storage

The storage stability is 18 months from the production date. Store cool and dry in the original packaging at + 5°C - +25°C. Only store cardboard boxes upright (with the rolls lying down). Store and transport individual rolls exclusively on the entire surface. Avoid local load on the rollers. Avoid shifting the individual layers. Avoid mechanical insertion on the compressed roll. Rolls in opened cardboard boxes must be weighted to prevent them from expanding (telescoping). Mechanical load (in particular perpendicular to the roll and pressure load on the roll side) can cause the individual layers of the compressed roll to shift and cause the rollers to expand.

SAFETY

On the basis if existing data and experience, the product is not hazardous material in the meaning of the Hazardous Material Regulations, and the corresponding EC directives. We recommend however that you take the same care and use the same hygiene as with chemical materials.

TECHNICAL APPROVALS

Fulfills load class BG1 according to DIN 18542, tested by MPA Hannover, report n°201948

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