

# OTTO Jointing tape BG1

## The precompressed jointing tape BG1

Polyurethane foam with impregnation

For indoor and outdoor application

OFB



### Characteristics

- ▶ Impregnated foam tape, self-adhesive on one side
- ▶ Stretches slowly inside the joint to its final thickness
- ▶ Forms a driving rain resistant joint according to DIN 18542
- ▶ Good UV-resistance
- ▶ Flame resistant
- ▶ Protects against moisture and dust, heat loss, noise etc.
- ▶ Compatible with concrete, cellular concrete, bricks, sandlime brick, iron, zinc, steel, galvanised sheet metal, aluminium, copper, wood and unplasticized PVC

### Fields of application

- ▶ Sealing of joints
- ▶ Joint between masonry and door or window frames
- ▶ Joint between masonry and concrete pillars, gable and roofing panels, sheet metal window sills, expanding joints, sheet pile profiles and corrugated panels

### Standards and tests

- ▶ BG1 according to DIN 18542
- ▶ Driving rain resistant up to 600 Pa according to DIN EN ISO 1027
- ▶ Compatible with general construction material according to DIN 18542
- ▶ General building inspection certificate: Tested and monitored (MPA BUA Hannover, Germany) – flame-resistant building material (building material class B1) according to DIN 4102-1
- ▶ Suitable for applications according to IVD instruction sheet no. 11+24+26+31+32+35 (IVD = German industry association sealants)
- ▶ French VOC-emission class A+
- ▶ EMICODE® EC 1 Plus - very low emission

### Technical properties

Temperature resistance from/to [°C]	- 30 / + 90
Permeability of the joint according to EN 1026 [m <sup>3</sup> /(h*m*[daPa n])]	< 1,0
Water vapour diffusion equivalent air layer SD [m]	< 0,5
Thermal conductivity according to DIN 52 612 [W/mK]	≤ 0,048
Value of sound insulating joint according to DIN 52 210 [dB]	~ 51
Shelf life at 23 °C/50 % RH [months]	24 <sup>1</sup>

1) At + 1 °C up to + 20 °C

These data are not suitable for the issue of specifications. Please contact OTTO-CHEMIE before issuing specifications.



### Important information

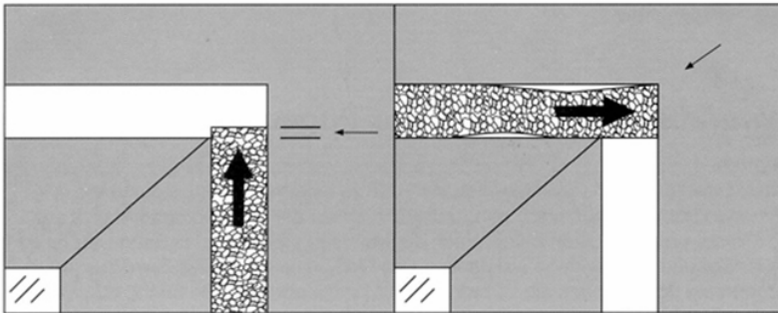
OTTO jointing tape BG1 is compatible with OTTO sealants based on silicone, hybrid and polyurethane. Compatibility is to be checked beforehand when coating with paints / in the event of contact with natural stones.

### Application information

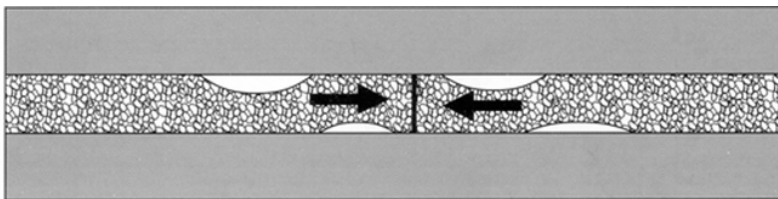
Joints have to be clean, dry, sustainable, free of bitumen, formwork oil and other substances.

Use the adequate tape dimension for each joint width (see diagram).

Remove protective paper from the tape. The over-compressed end pieces should be cut off. Apply the tape directly from the roll into the joint. The tape has to be - looking from the outer edge of the joint flank - layed 2 mm to the inside. Special attention should be paid to mounting the tape in corners and compressed connections.



The jointing tape must not be applied around corners and when calculating the length of tape to be fitted add 1 cm/m to the actual joint length. The tape is equipped with a thin adhesive coating, through which overstretching will be avoided. Assemble the tape without stretching. For connections of the tape in long joints, make a close butt connection (oversize in length).



Install the vertical jointing tape continuously when sealing cross joints in an existing façade construction. Compress the horizontal tape (oversize in length).

Apply the horizontal tape continuously at cross or crucifix joints during the positioning of the building components (with new buildings). Compress the vertical tape (oversize in length).

Remaining rolls in opened cardboard boxes are to be weighed down in order to prevent the rolls from unfolding at the sides. Due to the many possible influences during and after application, the customer always has to carry out trials first.

### Packaging

Joint depth	Joint width application area	Order unit (OU)	Packaging unit (PU)	Order code
10 mm	2 mm	1 x 12,5 m pc.	11 x 12,5 m pc.	OFB-10/2
10 mm	3 mm	1 x 10 m pc.	11 x 10 m pc.	OFB-10/3
10 mm	3–6 mm	1 x 8 m pc.	11 x 8 m pc.	OFB-10/4
15 mm	2 mm	1 x 12,5 m pc.	7 x 12,5 m pc.	OFB-15/2
15 mm	3 mm	1 x 10 m pc.	7 x 10 m pc.	OFB-15/3
15 mm	3–6 mm	1 x 8 m pc.	7 x 8 m pc.	OFB-15/4
15 mm	5–9 mm	1 x 5,6 m pc.	7 x 5,6 m pc.	OFB-15/6
20 mm	2 mm	1 x 12,5 m pc.	5 x 12,5 m pc.	OFB-20/2
20 mm	3–6 mm	1 x 8 m pc.	5 x 8 m pc.	OFB-20/4
20 mm	5–9 mm	1 x 5,6 m pc.	5 x 5,6 m pc.	OFB-20/6
20 mm	7–12 mm	1 x 4,3 m pc.	5 x 4,3 m pc.	OFB-20/8
25 mm	9–16 mm	1 x 3,3 m pc.	4 x 3,3 m pc.	OFB-25/10
30 mm	10–18 mm	1 x 4,5 m pc.	8 x 4,5 m pc.	OFB-30/12

"On request" only deliverable in packaging units, delivery time approx. 4 weeks

## **Disposal**

Product residues can be disposed of along with industrial waste as mixed plastics. Packaging materials (cardboard boxes, foils) are recyclable and hence should be recycled.

## **Brand information**

EMICODE® is a registered trademark of GEV e. V. (Düsseldorf, Germany)

## **Warranty information**

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