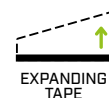


EXPAND BAND

SELF-EXPANDING SEALING TAPE



PERMANENT ELASTIC EXPANSION

The tape's self-expansion remains elastic and unchanged over time, providing protection from water, dust and wind.

SAFETY

The modified polyurethane foam has passed the most stringent tests on harmful emissions, ensuring safe installation even indoors.

COMPOSITION

EXPAND BAND



- ① elastic polyurethane foam with additives
- ② glue: assembly adhesive
- ③ release liner: silicone coated paper

EXPAND BAND EVO



- ① elastic polyurethane foam with special film additives
- ② glue: assembly adhesive

CODES AND DIMENSIONS

EXPAND BAND

CODE	B [mm]	s [mm]	L [m]	B [in]	s [mil]	L [ft]			
EXPAND1014	10	1	4	13	0.4	39	157	43	48
EXPAND1514	15	1	4	13	0.6	39	157	43	32
EXPAND1549	15	4	9	8	0.6	157	354	26	32
EXPAND15615	15	6	15	6	0.6	236	591	20	32
EXPAND20920	20	9	20	4	0.8	354	787	13	24
EXPAND2549	25	4	9	8	1	157	354	26	19
EXPAND25615	25	6	15	6	1	236	591	20	19
EXPAND3049	30	4	9	8	1.2	157	354	26	16
EXPAND4049	40	4	9	8	1.6	157	354	26	12
EXPAND40615	40	6	15	8	1.6	236	591	26	12
EXPAND60615	60	6	15	8	2.4	236	591	26	8

The maximum thickness does not coincide with the maximum expansion but rather indicates the limit for optimal product performance.

EXPAND BAND EVO

CODE	B	s	L	B	s	L	
	[mm]	[mm]	[m]	[in]	[mil]	[ft]	
EXPANDEVO1514	15	1 4	13	0.6	39 157	43	32

The maximum thickness does not coincide with the maximum expansion but rather indicates the limit for optimal product performance.

TECHNICAL DATA

Properties	standard	value	USC units
Classification	DIN 18542	BG1	-
Resistance to penetration of air	EN 12114	$\alpha \leq 1,0 \text{ m}^3/(\text{h}\cdot\text{m}\cdot(\text{daPa})^n)$	-
Driving rain test	EN 1027	$\geq 600 \text{ Pa}$	-
Resistance to UV and weathering	DIN 18542	compliant with class BG1	-
Compatibility with other building materials	DIN 18542	compliant with class BG1	-
Water vapour transmission (Sd)	EN ISO 12572	$< 0,5 \text{ m}$	$> 7 \text{ US Perm}$
Reaction to fire	DIN 4102-1	class B1	-
	EN 13501-1	npd	-
Fire resistance rating on plain CLT joint (200 mm), 2 mm joint, double strip(*)	EN 1363-4	EI120	-
Fire resistance rating on plain CLT joint (100 mm), 3 mm joint, double strip(*)	EN 1363-4	EI90	-
Fire resistance rating on half-timber CLT joint (200 mm), 2 mm joint, double strip(*)	EN 1363-4	EI120	-
Thermal conductivity (λ)	EN 12667	$\leq 0,043 \text{ W}/(\text{m}\cdot\text{K})$	$\leq 0.025 \text{ BTU}/\text{h}\cdot\text{ft}\cdot^\circ\text{F}$
Resistance to temperature	DIN 18542	$-30/+90 \text{ }^\circ\text{C}$	$-22/+194 \text{ }^\circ\text{F}$
Emicode (GEV test procedure)	-	EC1 plus	-
Application temperature	-	$\geq +5 \text{ }^\circ\text{C}$	$\geq +41 \text{ }^\circ\text{F}$
Storage temperature ⁽¹⁾	-	$+1/+20 \text{ }^\circ\text{C}$	$+33.8/+68 \text{ }^\circ\text{F}$

⁽¹⁾Store the product in a dry, covered location for no more than 12 months.

(*)For full details and tested configurations, please refer to the manual or contact our technical department.

♻️ Waste classification (2014/955/EU): 17 02 03.

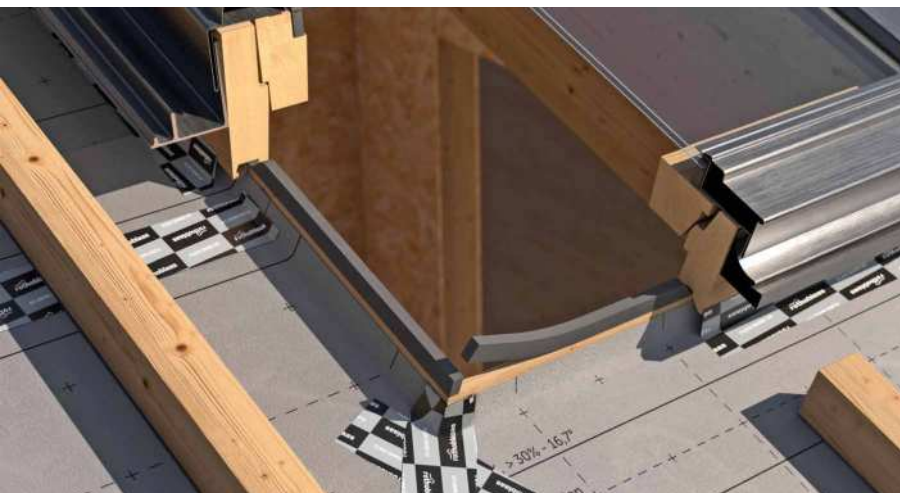
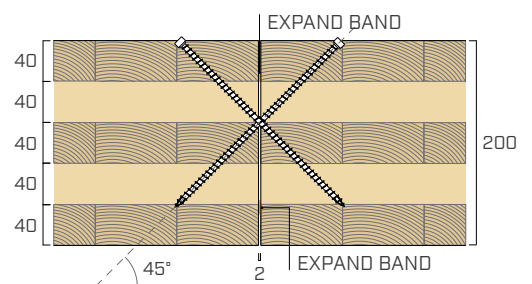
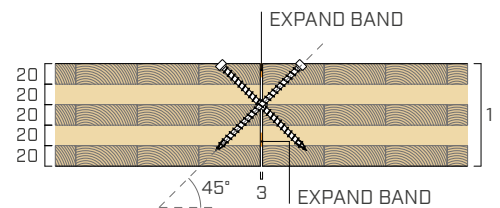


FIRE TIGHTNESS AND INSULATION

Tests carried out at the CSI laboratory in accordance with EN 1363-4 enabled characterisation of the fire behaviour of several CLT joints sealed with Rothoblaas products.

TIGHTNESS (E)	Cotton swab	> 106 minutes	 EI 90
	Persistent flame		
INSULATION (I)	Time	> 106 minutes	

TIGHTNESS (E)	Cotton swab	160 minutes	 EI 120
	Persistent flame		
INSULATION (I)	Time	160 minutes	



EVO VERSION

The EVO version not only reduces waste and installation time because it has no release liner, but is also equipped with a special film allowing its shape to be maintained without automatically self-expanding when rolled up.

SAFE PACKAGING

Supplied with a plastic core to prevent water and moisture absorption during construction, which could cause unwanted swelling.