# **EXPAND BAND** SELF-EXPANDING SEALING TAPE



EXPANDING TAPE SOUND PROTECTION



#### PERMANENT ELASTIC EXPANSION

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

#### SAFETY

COMPOSITION

EXPAND BAND

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



elastic polyurethane foam with special film additives

glue: assembly adhesive

- 1 elastic polyurethane foam with additives
- (2) glue: assembly adhesive

(3)

- (3) release liner: silicone coated paper
- CODES AND DIMENSIONS

#### EXPAND BAND

CODE	В		s	L	В	S		L	
	[mm]	[m	ım]	[m]	[in]	[m	il]	[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
EXPAND40615	40	6	15	8	1.6	236	591	26	12
EXPAND60615	60	6	15	8	2.4	236	591	26	8

1

2

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

#### EXPAND BAND EVO

CODE	В	S	L	В	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	$\alpha \leq 1,0 \text{ m}^3/(h \cdot m \cdot (daPa)^n$	-
Driving rain test	EN 1027	≥ 600 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 m	> 7 US Perm
Possible to fire	DIN 4102-1	class B1	-
Reaction to fire	EN 13501-1	npd	-
Fire resistance rating on plain CLT joint (200 mm), 2 mm joint, double strip <sup>(*)</sup>	EN 1363-4	EI120	-
Fire resistance rating on plain CLT joint (100 mm), 3 mm joint, double strip <sup>(*)</sup>	EN 1363-4	E190	-
Fire resistance rating on half-timber CLT joint (200 mm), 2 mm joint, double strip <sup>(*)</sup>	EN 1363-4	EI120	-
Thermal conductivity (λ)	EN 12667	≤ 0,043 W/(m·K)	≤ 0.025 BTU/h·ft·°F
Resistance to temperature	DIN 18542	-30/+90 °C	-22/+194 °F
Emicode (GEV test procedure)	-	EC1 plus	-
Application temperature	-	≥ +5 °C	≥ +41 °F
Storage temperature <sup>(1)</sup>	-	+1/+20 °C	+33.8/+68 °F

<sup>(1)</sup>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.

	Cotton swab	106 minutes		
HGHTNESS (E)	Persistent flame	> 100 minutes		
INSULATION (I)	Time	> 106 minutes	EI 90	

	Cotton swab	160 minutos	
	Persistent flame	100 minutes	
INSULATION (I)	Time	160 minutes	EI 120





## 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.