

TECHNICAL DATA SHEET

Eurovent **COMPRE**

Single-sided expanding tape made of flexible polyurethane foam. The pre-compressed tape expands after installation, increasing its volume several times and effectively filling joints, gaps and cavities. It achieves B1 fire classification at 50% compression and provides driving rain resistance up to 600 Pa. Designed for sealing gaps, joints and cavities in a wide range of construction applications, the tape provides effective protection against moisture, wind, rain and cold, while also offering acoustic insulation.

PARAMETER	UNIT	VALUE
Material composition		Polyurethane foam
Impregnation base		Modified flame-retardant acrylic
Colour		Black
Classification according to DIN 18542		BG1
Joint permeability coefficient	DIN 18542	$a \leq 1.0 \text{ m}^3 / [\text{hm}(\text{daPa})\text{n}]$
Driving rain resistance of linear joints	DIN 18542	600 Pa
Driving rain resistance at intersections / corner joints	DIN 18542	600 Pa
Resistance to thermal shock	DIN 18542	-30°C to 80°C
Temperature resistance	DIN 18542	-40°C to 120°C
Thermal conductivity		$\lambda = 0.0429 \text{ W/mK}$
Resistance to light and weathering	DIN 18542	Meets requirements
UV resistance	DIN 18542	Meets BG1 requirements
Compatibility with adjacent building materials	DIN 18542	Meets requirements
Building material class	DIN 4102	B1 (hardly flammable) at 50% compression
Water vapour permeability	DIN 12572	$\mu \leq 100$
Root resistance	DIN 4062	Meets requirements

Available tape sizes are listed on the second page of the technical data sheet.



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Technical data:

Tape	Width of tape [mm]	Gap size [mm]	Tape length [m]	Box [pcs.]
10/2-6	10	2-6	12	30
15/4-9	15	4-9	8	20
15/5-12	15	5-12	5,6	20
15/6-15	15	6-15	4,3	20
20/2-6	20	2-6	12	15
20/6-15	20	6-15	4,3	15
20/9-20	20	9-20	3,3	15
15/2-6	15	2-6	12	20
20/4-9	20	4-9	8	15
20/5-12	20	5-12	5,6	15

Application: Suitable for sealing gaps in building and roofing structures, particularly in ridge, valley and roof window areas. It effectively seals joints and cavities, including those around roof valleys, providing reliable protection against moisture, wind, rain and cold. The tape adheres excellently and adapts to a variety of substrates, including wood, brick, metal and smooth concrete. It also provides thermal and acoustic insulation.

Montage: When selecting the tape size, follow the rule: $2 \times \text{joint width} = \text{tape width}$. The joint, especially the bonding area, must be cleaned of dust and other contaminants before installation. Apply the tape by removing the protective liner and placing the tape into the joint. In vertical joints, install the tape from the bottom upwards. In horizontal joints, the self-adhesive side of the tape should be positioned at the bottom of the joint. The tape should be installed 2–4 mm below the joint surface. To prevent expansion of a partially used roll, secure the free end around the circumference with adhesive tape.

Safety information: This product is not intended for consumption. Avoid contact with eyes. In the event of skin irritation, seek medical advice.

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Storage / Transport: Store the product in its original packaging in dry, covered areas protected from moisture and direct UV radiation. The product should be transported in covered vehicles and protected against damage during transport. Protect the product from exposure to chemicals, particularly solvent-based substances, as they may reduce its technical performance or cause permanent damage.

The product is covered by a warranty provided that all instructions contained in the technical data sheet are strictly followed. The manufacturer reserves the right to reject any claim resulting from failure to comply with the specified guidelines.

The information, recommendations and guidelines contained herein are provided to the best of our knowledge, based on research, experience and in good faith. We accept no liability for the consequences of improper or incorrect use of our products. It is the responsibility of each user of this material to verify, by all available means, including testing the finished product under appropriate conditions, the suitability of the supplied materials for their intended application.

Product information is available at: www.eurovent.de

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