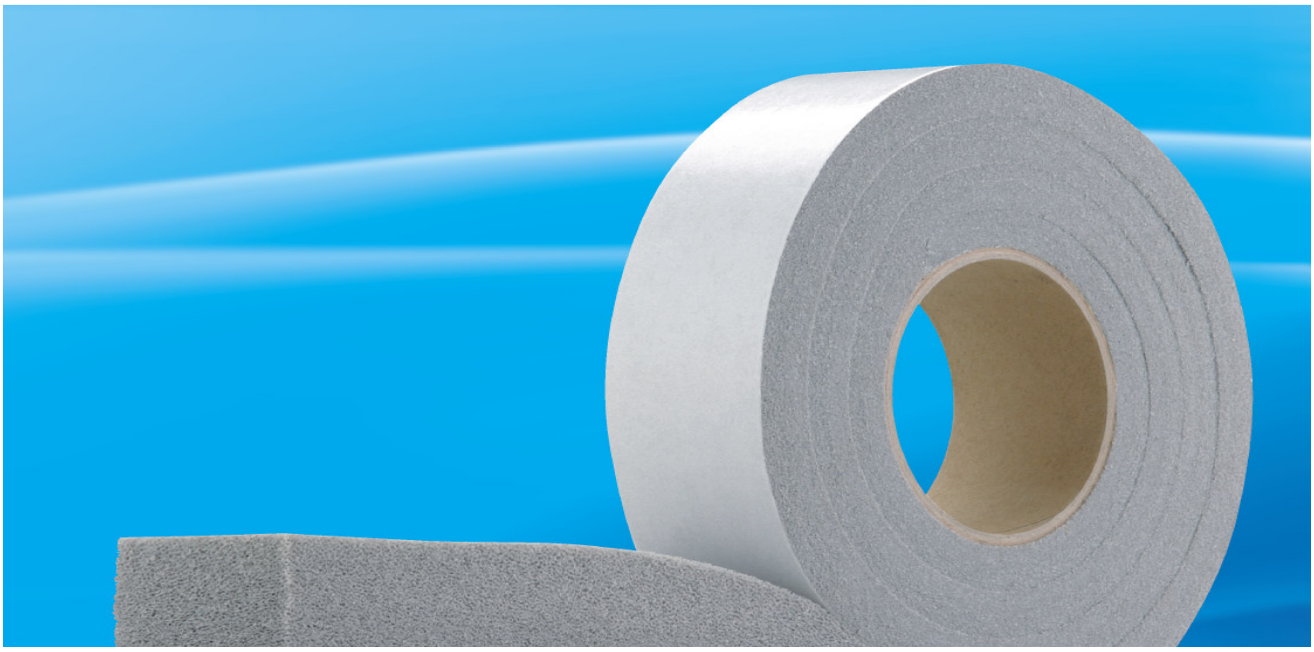
Compriband-A+

Exposure Class BG1.
Fulfills the requirements according to DIN18542:2020-04.



Product Information

Compriband-A+ is a high end, elastic sealant tape for joints, impregnated with an acryl based, UV stabilized resin, approved BG1 according to DIN18542:2020-04. It is highly recommended as an external weather seal all over Europe and overseas used for building and civil engineering applications.

Areas of Application

- Window fitting, interior construction
- Facades (incl. natural stone)
- Composite thermal insulation, timbered housing
- Wood- / structural- / drywall- and metal-engineering
- Prefabricated engineering, container, noise insulation walls, roofing etc.

Colour

- Grey

Delivery form

- Pre-compressed rolls.
- 2m strips (not compressed).
- As punched part according drawing.

Product Benefits*

- Classification according DIN 18542 BG1.
- Tight against wind, dust and splashing water.
- Compatible with conventional materials according DIN 18542 BG1.
- Fire resistant according DIN 18542 BG1.
- Vapour diffusion permeable according DIN 18542 BG1.
- Driving rain tight ≥ 600 Pa according DIN 18542 BG1.
- Acoustic- and thermal-insulating.
- Paint coating compatible.
- Controlled expansion even with higher temperatures.
- Application nearly not depending on weather conditions.
- To avoid dirt or expansion of the compressed roll, the rolls can be shrinkwrapped with foil.
- Adaption of any unevenness inside the joint and filling the remaining cavities.
- Solvent-free, no hazardous material.
- Consistent quality proofed by continuous external and interna supervision.
- Resistant against light and humidity according DIN 18542 BG1.

* The properties and characteristics are depending on the compression of the tape. For application- and installation-instruction please refer to separate instruction sheet.

compriband-Dichtungen GmbH | Leopold Spitzer-Straße 24 | A-4600 Wels | T +43 7242 30 20 30 | office@compriband.at | www.compriband.at

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Technical Data

Basis of foam	Polyurethane cellular foam	
Basis of impregnation	Polymer dispersion with flame retardant	
Classification	BG 1	DIN 18542:2020-04
Air Permeability	a ≤ 1,0 $[m^3/(h.m.(daPa)^n]$	DIN 12114
Watertight Against Driving Rain	≥ 600 Pa	DIN EN 1027
Service Temperature	-30 °C to +90 °C	DIN 18542
Weathering Test	Requirements met	DIN 18542 BG 1
Compatibility With Conventional Construction Materials	Requirements met	DIN 18542 BG 1
Exposure Class	B1	DIN 4102
Vapour Diffusion, Sd-Value	< 0,5 m	EN ISO 12572
Thermal Conductivity	λ ≤ 0,043 W/(m·K)	DIN EN 12667
EMICODE	EC 1 plus, very low in emissions	
Long Term Resistance	10 years performance guarantee[3]	
Storing Period	Approx. 2 year at room temperature 1 °C to 20 °C, dry	

[1]The technical data are subject to change with the degree of compression.

Tape Dimensions/Delivery[2]

Dimensions (mm)	For Joint Width (mm)	Tape Width/Joint Depth (mm)	Roll Length (m)	Box (m)
1-2x8	1-2	8	20	1240
1-2x10	1-2	10	20	960
1-2x15	1-2	15	20	640
1-4x10	1-4	10	13	624
1-4x15	1-4	15	13	416
1-4x20	1-4	20	13	312
2-6x10	2-6	10	12	288
2-6x15	2-6	15	12	384
2-6x20	2-6	20	12	288
2-6x30	2-6	30	12	192
4-9x12	4-9	12	8	320
4-9x15	4-9	15	8	256
4-9x20	4-9	20	8	192
4-9x30	4-9	30	8	128
5-12x15	5-12	15	8	256
5-12x20	5-12	20	8	192
5-12x30	5-12	30	8	128
6-15x20	6-15	20	6	144
6-15x30	6-15	30	6	96
9-20x25	9-20	25	4	76
9-20x30	9-20	30	4	64
11-25x30	11-25	30	4	64
11-25x40	11-25	40	4	48
18-34x40	18-34	40	3,3	39,6
24-42x50	24-42	50	2,6	23,4

Further dimensions on request.

Application

Tools:
For installation of the tapes get a measuring tape, knife / scissors and a spatula.

Surface treatment of the joints:
Dirt, oil, fat, old sealing material and mortar residues have to be removed from the joint flanks.

Determination of the dimensions of the tape:
Measure the window construction depth and the joint width (including tolerances and movement of the joint) and choose the correct dimension of the tape. In order to guarantee the required sealing effect of the installed tape, the prescribed areas of application (joint widths) of the individual tape dimensions may not be exceeded. The joint width has to be according to the dimensions of the tape (see table and price list). For tight joints, it is advantageous to moisten the tape.

Preparation of the tape (the side marked in colour showing to the middle of the room):
By cropping the tape please note the addition of at least 1 or 2 cm per meter. Cut off the piece of the beginning and the end of the roll. Remove the cover of the adhesive film and stick the pre-compressed tape on top of the clean and dry window frame. Start at the side of the frame with sticking up the tape on the bottom and then work upwards. Push the adhesive side tight against the component. It should be ensured that the tape is not elongated. As the tape changes its length after some time to the original length, light upsetting is advisable - otherwise leaks could arise. Press the tape at the upper frame against the horizontally bonded tape and stick out on each side along the tape the maximum of the joint width. The tape must not be applicated in one piece around the frame. For safety reasons the tape must be laid offset at least 2 mm on both sides inwards from the leading edge of the joint.

Abutting points of the tape:
The individual tape lengths may be extended during the application by compressing the tailored tapes against each other. Joints or imperfections can be compensated with a suitable sealant.

Rise-up-behavior:
Only the delayed decompression enables the installation. The expansion-behavior of the tape depends on the joint and the ambient temperature. At higher temperatures, the material returns relatively fast (the component must be installed quickly). Therefore storage >20°C should be avoided over a prolonged period (the tape should not be stored directly in the sun). At lower temperatures, we recommend to store the material at room temperature of about 20°C at least for 24 hours. The immediate expansion of the tape can be accelerated by heating with a hot air gun (in pivoting movements).

Remarks:
[1]The correct functioning of the tape can be achieved only under the condition if the tape is installed in accordance with the latest processing instructions, or has not applied and not been exposed to any unforeseeable influences. Decomposition caused by external effects is not covered by the warranty. Decisive for the acceptance of a possible warranty claim: The professional processing by said standards and compliance with the processing instructions. Standing water or permanent water wetting cannot be permanently compensated by the product and is not a reason for complaint/claim. All commitments are relating to the use of the product at the Central European climate conditions. Before mounting read the manufacturer's processing instructions. If the manual is not available, contact the manufacturer or reseller.

[2]Structural movements and temperature-dependent changes in length are to be added to the existing joint widths. Dimensional tolerances according to DIN 7715 P3.

[3]according to manufacturer conditions.

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