

greenteQ Tape OMNIA BG1

greenteQ tape OMNIA BG1, the multifunctional tape.

Properties:

The greenteQ tape OMNIA BG1 covers all conventional joint dimensions with just one size.

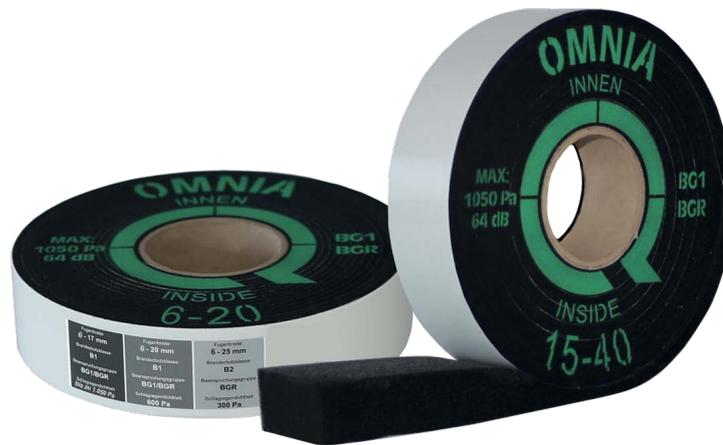
As a result, any irregularities of the preceding work can be compensated without requiring another product. Furthermore, warehousing is cut down to just one single product. The good sound insulation capabilities mean it can also be used for demanding requirements concerning sound insulation.

The intelligent size chart provides the processor with the assurance that the tape is suitable for the assembly situation. To prevent contamination by dirt and dust, and unwanted adhesion, the rolls are individually shrink-wrapped.

Advantages:

- Usually just one size for all common joint widths
- For the sealing of doors and windows according to the state of the art
- Airtight (BG R) in accordance with DIN 18542
- With BG1 approval and third-party monitoring via the MPA (material testing agency)
- B1 fire resistance classification
- Excellent sound insulation capabilities up to 64 dB (tested in a 10mm standard joint)
- Up to 1,050 Pa protection against driving rain
- Permanently UV-resistant
- Good compatibility with all common adjacent building materials
- Environmentally friendly roll core made from cardboard

Product image:



Technical data:

Material description		Impregnated polyurethane soft foam
Basis		Flame-retardant polymer dispersion
Colour		Anthracite; printed inner side
Joint permeability coefficient	DIN 18542	$a < 0.1 \text{ m}^3/[\text{h} \cdot \text{m}(\text{daPa})^{2/3}]$
Watertightness of joints	DIN EN 1027	Up to 1,050 Pa
Joint sound reduction	DIN EN ISO 140-1	Up to 64 dB
Stress group	DIN 18542	BG1 / BGR
Temperature resistance	DIN 18542	-30°C to +80°C
Light and weather resistance	DIN 18452	Requirements fulfilled
Compatibility with adjacent building materials	DIN 18452	Requirements fulfilled
Dimensional tolerance	DIN 7715	Requirements fulfilled
Building material class	DIN 18542	B1 – low flammability (for joint width 6–20 mm or 15–40 mm)
Thermal conductivity	DIN EN 12667	$\lambda = 0.050 \text{ W}/(\text{m}^2 \cdot \text{K})$
Steam diffusion resistance	DIN EN ISO 12572	$\mu \leq 100$
Sd value		$\leq 0.5 \text{ metres}$
Moisture-related behaviour	DIN 4108-3 / DIN EN ISO 10211	Drying of the joint
U value / window depth	DIN 4108-3	60 mm = 0.8 / 70 mm = 0.7 / 80 mm = 0.7 / 90 mm = 0.6 W/(m ² ·K)
Storage time		12 months, dry and in original packaging
Storage temperature		Room temperature approx. 20°C
Processing temperature		+5°C to 25°C



PRODUCT DATA SHEET

greenteQ

CHEMICALS - Tape OMNIA BG1

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The instructions for use, service and product details as well as other technical information for our greenteQ products are general guidelines. These serve only to describe the properties and performance features of our products and do not constitute a guarantee as per Section 443 of the BGB (German Civil Code). Due to the variety of possible applications, it is incumbent upon the user to test whether or not it is suitable for the desired application. Technical application advice provided by us verbally, in writing or through tests is for your information only and is absolutely non-binding.

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Application table:

Tape width	Window depth	Joint width	Roll length	Content per packaging unit	VBH item number
53 mm	60 mm	6–20 mm	8 m	72 m	217.272 / 2392
53 mm	60 mm	15–40 mm	4 m	36 m	217.272 / 2394
63 mm	70 mm	6–20 mm	8 m	56 m	217.272 / 2395
63 mm	70 mm	15–40 mm	4 m	28 m	217.272 / 2406
73 mm	80 mm	6–20 mm	8 m	48 m	217.272 / 2407
73 mm	80 mm	15–40 mm	4 m	24 m	217.272 / 2408
83 mm	90 mm	6–20 mm	8 m	40 m	217.272 / 2409
83 mm	90 mm	15–40 mm	4 m	20 m	217.272 / 2410

Joint width	Joint width
6 - 17 mm	6 - 20 mm
Building material class B1	Building material class B1
Stress group BG1/BGR	Stress group BG1/BGR
Watertightness of joints 1.050 Pa	Watertightness of joints 600 Pa
Direct weathering	

Joint width	Joint width
15 - 32 mm	15 - 40 mm
Building material class B1	Building material class B1
Stress group BG1/BGR	Stress group BG1/BGR
Watertightness of joints 1.050 Pa	Watertightness of joints 600 Pa
Direct weathering	

Packaging:

Pre-compressed rolls, self-adhesive on one side. Rolls individually shrink-wrapped with innovative resealable packaging. Rolls individually marked with application details of the respective joint widths.

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