

GAE BG1

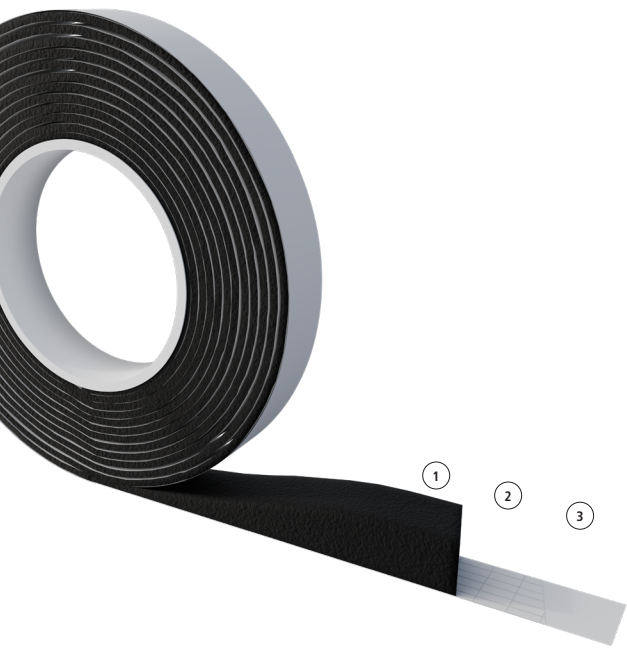
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QUICK OVERVIEW: STRENGTHS

The self-expanding BG1 class

- Precompressed self-expanding seal
- The elasticity of the joint, is resistant to expansion and vibrations
- Double use, internal and external (high water tightness)
- Ideal for ensuring the thermo-acoustic insulation of the connection joints



Composition:

- ① Pre-compressed polyurethane foam
- ② Polyester reinforced acrylic glue
- ③ Silicone liner

Codes and measures

Version	Code	Measures (mmxm)	Joints (mm)	Box (pc)
GAE BG1 10	02143010	10x13	1-4	30
GAE BG1 15	02143015	15x12	2-6	20
GAE BG1 20	02143020	20x8	4-9	15
GAE BG1 30	02143030	30x4,3	6-15	10

Features:



Classification:



Technical data sheet

Material		polyurethane foam
Glue		acrylic
Protection liner		YES
Stress class	DIN 18452:2009	BG1 e BGR
Permeability coefficient (joints)	DIN EN 12114	$a_n \leq 1,0 \text{ m}^3/[\text{h m (daPa)}^{2/3}]^*$
Tightness against driving rain	DIN EN 1027	$\geq 600 \text{ Pa}^*$
Noise reduction from joints	DIN EN 12354-3	$R_{ST,w} (C; C_{tr}) = 44 (-1;-2) \text{ dB}$
Compat. with other building materials	DIN 18542:2009	compliant
Resist. to UV and atmospheric agents	DIN 18542:2009	compliant
Dimensional tolerance	DIN 7715 T5 P3	compliant
Thermal conductivity (λ)	DIN EN 12667	0,043 W/mK
Vapour passage resistance μ	DIN EN ISO 12572	≤ 100
S_d value (over 50 mm length)	DIN EN ISO 12572	$\leq 0,5$
Emissions	EMICODE®	EC1 ^{PLUS}
Working temperature	DIN 18542:2009	-30°C / +90°C
Fire class	DIN 4102-1	B1
Storage place		dry, protected from UV rays, +1°C / +20°C
Storage period		max. 24 months

*ift Rosenheim

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