

GAE Trio

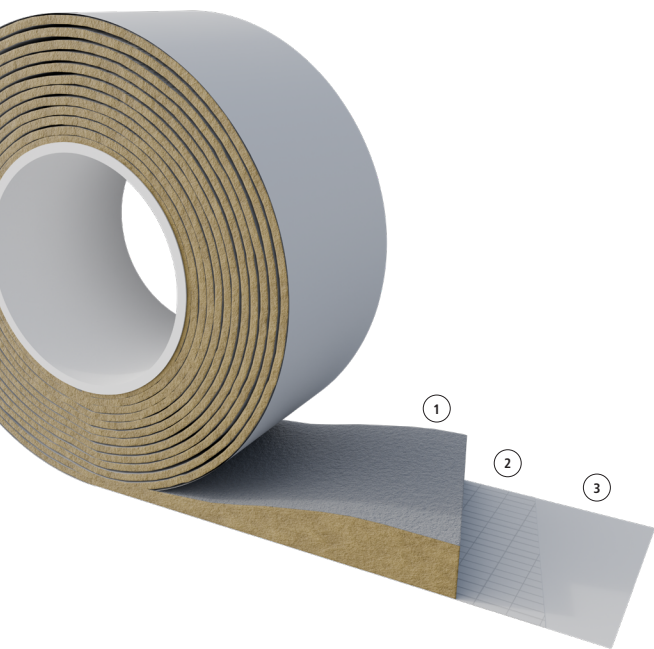
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R3

QUICK OVERVIEW: STRENGTHS

The expanding tape with three functions

- Precompressed self-expanding seal
- Triple function: air, wind and waterproofing, sound insulation
- Control of the vapour passage
- The elasticity of the joint, is resistant to expansion and vibrations
- Function as thermal and acoustic insulation of the connection points



Composition:

- ① Pre-compressed polyurethane foam (yellow part inside)
- ② Acrylic glue
- ③ Silicone liner

Codes and measures

Version	Code	Measures (mmxm)	Joints (mm)	Box (pc)
GAE Trio 54	02150056	54x5,6	5-10	5
GAE Trio 64	02150064	64x4,3	7-15	4
GAE Trio 74	02150074	74x3,3	10-20	4

Features:



Classification:



Technical data sheet

Material		polyurethane foam
Glue		acrylic
Stress class	DIN 18452:2009	BG1 e BGR
Permeability coefficient (joints)	DIN EN 12114	$a_n \leq 0,1 \text{ m}^3/[\text{h m (daPa)}^n]$
Tightness against driving rain	DIN EN 1027	$\geq 600 \text{ Pa}$
Noise reduction from joints	DIN EN 12354-3	$R_{ST,w} (C; C_u) = 41 (-1; -1) \text{ dB}$
Compat. with other building materials	DIN 18542:2009	compliant
Resist. to UV and atmospheric agents	DIN 18542:2009	compliant
Value-U (window profile=70 mm)	DIN EN 4108-3	0,8 W/m ² K
Value-U (window profile=80 mm)	DIN EN 4108-3	0,7 W/m ² K
Value-U (window profile=90 mm)	DIN EN 4108-3	0,6 W/m ² K
Thermal conductivity (λ)	DIN EN 12667	0,048 W/mK
Vapour passage resistance μ	DIN EN ISO 12572	≤ 100
Vapour pressure gradient		permeable externally
Emissions	EMICODE®	EC1 ^{PLUS}
Working temperature	DIN 18542:2009	-30°C / +80°C
Fire class	DIN 4102-1	B1
Storage place		dry, protected from UV rays, +1°C / +20°C
Storage period		max. 12 months