

GAE BG1

Airtight sealing
Riwega | eternitycomfort

Technical data sheet

of: 06/02/2014

Art. BG1 10 n°02143010 / BG1 15 n°02143015

BG1 20 n°02143020 / BG1 30 n°02143030

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Characteristic	Method	GAE BG1 10	GAE BG1 15	GAE BG1 20	GAE BG1 30
Article		02143010	02143015	02143020	02143030
Material		Elastic polyurethane foam / acrylic glue			
Stress class	DIN 18542:2009	BG1 and BGR			
Colour		Black			
Roll width		10 mm	15 mm	20 mm	30 mm
Roll length		13 m	12 m	8 m	4,3 m
Joint from-to mm		1-4 mm	2-6 mm	4-9 mm	6-15 mm
Fire resistance class	DIN 4102-1	B1			
Permeability coefficient (joints)	DIN EN 12114	$a_n \leq 1,0 \text{ m}^3/[\text{h m (daPa)}^n]^*$			
Impermeability to driving rain	DIN EN 1027	$\geq 600 \text{ Pa}^*$			
Impermeability to driving rain (joints)	DIN EN 1027	$\geq 600 \text{ Pa}$			
Operating temperature	DIN 18542:2009	- 30°C / +90°C			
Compatibility with other building materials	DIN 18542:2009	Complies			
Resistance to light and atmospheric agents	DIN 18542:2009	Complies			
Dimensional tolerance	DIN 7715 T5 P3	Complies			
Air layer equivalent to the diffusion of water vapor	DIN EN ISO 12572	$S_d \leq 0,5 \text{ m}$ over 50 mm wide			
Thermal conductivity	DIN EN 12667	$\lambda = 0,052 \text{ W/mK}$			
Water vapor diffusion resistance μ	DIN EN ISO 12572	≤ 100			
Emissions		Very low according to EMICODE®			
Packaging		30 rolls (390m)	20 rolls (240m)	15 rolls (120m)	10 rolls (43m)
Storage		Keep in a cool and dry place and temperature between +1°C and +20°C for max.24 months, in the original packaging			

*ift Rosenheim

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