

GAE ST

Airtight sealing protection for wooden elements
Riwega | eternitycomfort

Technical data sheet
of: 06/02/2014
Art. 02045005 / 02045006
Rev.07 of: 09/05/2022



Characteristics	GAE ST 125	GAE ST 250
Article	02045005	02045006
Material	LDPE / EPDM	
Colour	Transparent blue / Black	
Measures	125 mm x 25 m	250 mm x 25 m
LDPE foil thickness	0,2 mm	
Reaction to fire (EN 13501-1)	Class F	
Water impermeability (EN 1928)	Passed	
Water vapour permeability (EN 1931-B)	Min.3,0x10 ⁶ s/m	
Impact resistance	Min.500 mm	
Joint strength (EN 12317-2)	npd**	
Tensile strength, force (EN 12311-2 Method B)	Min. MD* 20 N/mm ² / CD* 20 N/mm ²	
Tensile strength, elongation (EN 12311-2 Method B)	Min. MD* 550% / CD* 600%	
Resistance to tearing (EN 12310-1)	Min. MD* 120N / CD* 120N	
Durability - Impermeability to water after artificial aging (EN 1296 / EN 1931)	Passed	
Durability - Alkali resistance (EN 1847 / EN 1931)	Passed	
Resistance to low temperatures (EN 495-5)	MLV -30°C	
Dangerous substances	Passed	
EPDM data		
Pipe size	9 mm x 10 mm	
Pipe thickness	2 mm	
Density (ISO 2781)	0,3 g/cm ³ ±0,1	
Compression set (50% compression) after 22h/23°C	7%	
Compression set (50% compression) after 22h/70°C	36%	
Deflection by compression 25%	52 kN/m ²	
Deflection by compression 25% modification after 168h / 70°C	4%	
Water absorption	4%	
Packaging	Boxes of 8 rolls (200 m)	Boxes of 6 rolls (150 m)
Storage	Keep in a cool and dry place for max. 24 months	

* MD= Machine Direction; CD= Cross Direction / **npd=no performance determined

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