

Elastic Foam

Polyurethane monocomponent foam
Riwega | eternitycomfort

Technical data sheet
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Characteristic	Method	Value
Material		Monocomponent polyurethane foam
Fire resistance class	DIN 4102-1	B3
Emissions	Emicode®	EC1 ^{Plus}
Can contents		750 ml
Acoustic insulation of the joint	EN ISO 10140	R _{s,w} (C; Ctr): 63 (-2; -5) dB with 10 mm joint and 100 mm depth R _{s,w} (C; Ctr): 62 (-1; -4) dB with 20 mm joint and 100 mm depth R _{s,w} (C; Ctr): 58 (-1; -3) dB with 15 mm joint and 70 mm depth
Air tightness	EN 1026 / EN 12207	≤600 Pa, no air permeability (TU Graz)
Working temperature of the can		+10°C/+30°C
Optimal working temperature of the can		+15°C/+25°C
Ambient working temperature		+5°C/+35°C
Ambient optimal working temperature		+15°C/+25°C
Free foam yield (20°C/65%RH)	FEICA TM 1003	approx.38 liter / 750ml can
Formation of skin (20°C/65%RH)		approx.8-12 minutes
Cutting at 2 cm thickness (20°C/65%RH)		approx.15-20 minutes
Dimensional stability (20°C/65%RH)	FEICA TM 1004	± 5 %
Thermal resistance		-40°C/+80°C (for short periods, up to +120°C)
Density		15 - 20 kg/m ³
DVA water vapor diffusion	DIN 53429	50 - 60 g/m ² /24 hours
Resistance coefficient to the vapour passage	EN 12086	μ =19
Thermal conductivity	DIN 56612	approx.0,0365 W/mK
Packaging		Boxes of 12 cans
Storage		Store in a cool place (max. 20°C), dry, not freezing; keep upright, for max. 12 months



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