

PIR bitumen VV

Thermal insulating panel made from rigid polyiso foam, with closed cells, expanded between two supports: on the upper face in bituminous glass fiber and on the lower face in mineralized saturated glass fiber.

Fields of use

Flat or pitched roof.



CHARACTERISTICS	M.U. SYMBOL	VALUE							STANDARD
		30	40	50	60	80	100	120	
Panel size	mm	1200 x 600							EN 822 ISO 29465
Density	kg/m³	32 ±3 kg/m³							
Declared thermal conductivity	λ_D (W/mk)	0,027				0,026			EN 13165
Declared thermal resistance $R_D = d/\lambda_D$	R_D (m²K/W)	1,10	1,45	1,85	2,20	3,10	3,80	4,80	EN 12667
Dimensional stability +70°C and 90% R.H. for 48 h	%	DS(70,90)3: $\Delta E_{l,b} \leq 2$ / $\Delta E_d \leq 6$							EN 1604
Dimensional stability -20°C for 48 h	%	DS(-20,-)1: $\Delta E_{l,b} \leq 1$ / $\Delta E_d \leq 2$							EN 1604
Compression resistance at 10% of deformation	kPa	≥ 150					≥ 200		EN 826
Tensile strength perpendicular to faces	kPa	TR80 ≥ 80							EN 1606
Water absorption totally submersed for a long period of time	Vol. %	< 2							EN 13165
Water vapor diffusion resistance	μ	50-100							
Deformation under the action of compression and temperature	%	≤ 5							
Reaction to fire	Euroclass	F							EN 13501-1

We reserves the rights to change or modify the nominal values without prior notice or advice. The information contained in this data sheet are based on our experience. We cannot take any responsibility for a possible incorrect use of the products. The customer has to choose under their own responsibility a product fit for the intended use.

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