

technical data

savolit plus

Technical Characteristics	Designation	Units	Data					Standard
Board thickness	d	(mm)	15	25	35	50	75	
Board length	l	(mm)	2400 2000 1200	2400 2000 1200	2400 2000	2400 2000	2000	
Board width	b	(mm)	600					
Average Specific Mass		(Kg/m ²)	8	11.5	14	18	26	
Declared thermal resistance	RD	(m ² K/W)	0,20	0,35	0,50	0,75	1,15	UNI EN 13168
Declared thermal conductivity	λD	(W/mK)	0.066					
Bending strength	σ _b	(kPa)	1650	2000	1450	1000	650	EN 12089, A
Compressive strength at 10% deformation	σ ₁₀	(kPa)	Γ 200			Γ 150	Γ 150	UNI EN 826
Water vapour diffusion resistance factor	μ	(-)	5					UNI EN 12086
Fire reaction			Euroclass B - s1, d0					UNI EN 13501-1
Thickness tolerance		(mm)	+3, -2					UNI EN 823
Width tolerance		(mm)	± 3					UNI EN 822
Orthogonality		(mm/m)	Γ 2					UNI EN 824
Specific heat		kJ/kgK	1,81					
Shear stress resistance		N/mm ²	0,28					
Capacity for thermal accumulation		kJm ³ K	965-628					
Capacity for absorption of room humidity		l/m ²	2 - 3,5					
Resistance to water and frost			No alteration and maintenance of bending resistance after 20 cycles of frosting and defrosting in water					



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