

## SPECIFICATIONS

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# THERMOPLUS 100

Is a sintered expanded polystyrene panel, cut from a block, obtained with the use of virgin granulate and post-consumer material in the minimum quantity of 10%. The raw material, expanded and sintered in modern systems and additive with flame retardant, it meets the requirements of the Ministerial Decree of 11 October 2017 (Minimum Environmental Criteria - CAM). Thermoplus 100 insulating sheets are in Euroclass E, they are unassailable from mold and have good vapor permeability.

### TECHNICAL DATA

#### Product identity

Standard	Characteristic	Norm EN 13163	Valore
EN 12667	Thermal conductivity declared	$\lambda$	0,033 W/(m·K)
EN 822	Width tolerance	W2	± 2 mm
D EN 822	Length tolerance	L2	± 2 mm
EN 823	Thickness Tolerance	T1	± 1 mm
EN 824	Orthogonality	S2	± 2/1000 mm/mm
EN 825	Planarity	P5	± 5 mm
EN 1603	Dimensional stability under normal conditions	DS (N) ± 0,2 %	
EN 1607	Tensile strength perpendicular to the faces	TR	≥ 150 kPa
EN 13501-1	Reaction to fire	E Euroclasse	
EN 12087e	Water absorption by partial and long-term immersion		$W \leq 0,5 \text{ kg/m}^2$
EN 12524	Specific heat capacity	C	1260 J/(kg·K)
	Coefficient of linear thermal expansion	K	$65 \cdot 10^{-6}$