

SPECIFICATIONS

THERMOPLUS 120

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 120 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	λ	0,031 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	$65 \cdot 10^{-6}$