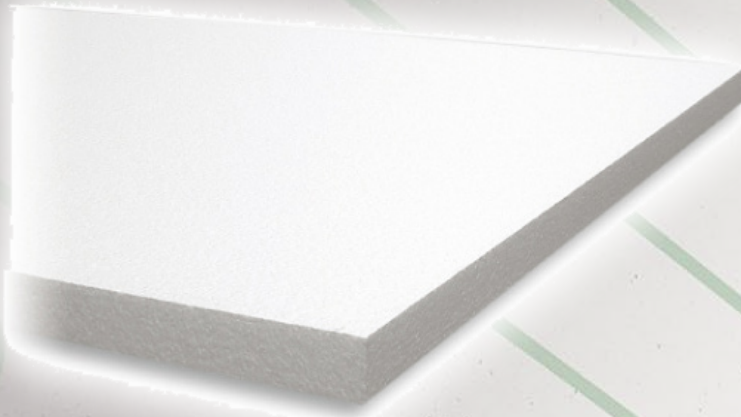


NEUTRAL PANEL



This filling panel is made of polystyrene, thickness 27 mm, and it is used to fill the gaps where there are no radiant panels. It can be used with traditional b!klimax only.



Panel	Weight (Kg)	Code
Neutral Panel 2200x600	1.1	6100700

Polystyrene Panel

Features		Value	Unit	Standard
Size of the panel		2200x600	mm	UNI EN 822
Standard thickness		27	mm	UNI EN 823
Thickness of the insulating base		27	mm	UNI EN 1264-3
Equivalent total thickness		27	mm	UNI EN 1264-3
Bending strength	BS	200	kPa	UNI EN 12089
Compressive stress at 10% deformation	CS(10)	150	kPa	UNI EN 826
Thermal conductivity at 10 °C	λ_d	0.033	W/(m · K)	UNI EN 12667
Thermal resistance	Rd	0.82	(m ² · K)/W	UNI EN 12667
Tensile strength perpendicular to faces	TR	≥ 150	kPa	UNI EN 1607
Specific heat	C _p	1450	J / (KgK)	UNI EN 10456
Shear resistance	frk	≥ 75	kPa	UNI EN 12090
Shear modulus	Gm	≥ 1000	kPa	UNI EN 12090
Water vapour diffusion resistance factor	μ	30 ÷ 70		UNI EN 12086
Dimensional stability	DS(N)2	± 0.2	%	UNI EN 1603
Long term water absorption by partial immersion	Wlp	≤ 0.5	Kg / m ²	UNI EN 1609
Long term water absorption by total immersion	WI(T)	≤ 2	%	UNI EN 12087
Reaction to fire	Euroclass	E		UNI EN 13501-1
Limit of operating temperature		80	°C	
Declaration according to UNI EN 13163	T1-L2-W2-S2-P3-BS200-CS(10)150-DS(N)2-WL(T)2-TR150-MU(30-70)			

