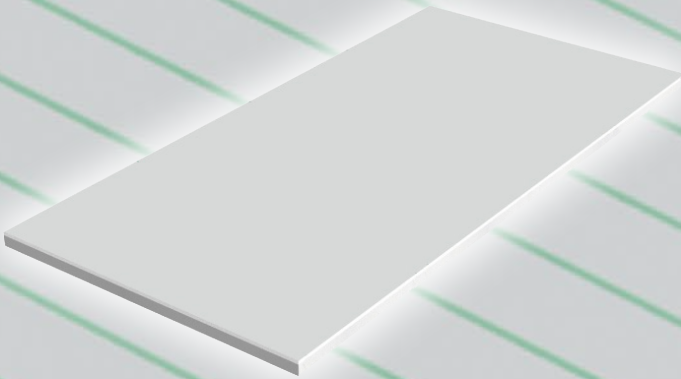


AIR+ BLANK PANEL MADE OF PLASTERBOARD WITH INSULATING POLYSTYRENE



Blank panel made of extra white plasterboard which is able to absorb indoor pollutants. This panel is used to fill the area which is not covered with radiant panels and the area where distributors are installed. It can be cut according to the actual requirements. Polystyrene insulation.

Size 1200x2400x52 mm.



AIR+ Blank panel (mm)	Weight (Kg)	Code
Blank Panel 1200x2400x52	34,5	6143124

AIR+ Plasterboard Panel

Feature	Value	Unit	Standard
Sizes	1200x2400	mm	
Standard thickness	12,5	mm	
Weight	10,8	Kg / m ²	
Fire Reaction Class - EN13501-1	A2-s1,d0		EN 520
Thermal conductivity	0,21	W / (m . K)	EN ISO 10456
Water vapour diffusion μ	dry:10, humid: 4		EN ISO 10456

Polystyrene Panel

Features		Value	Unit	Standard
Size of the panel		1200x2400	mm	UNI EN 822
Standard thickness		40	mm	UNI EN 823
Thickness of the insulating base		40	mm	UNI EN 1264-3
Equivalent total thickness		40	mm	UNI EN 1264-3
Bending strenght	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	1,20	(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	ftk	≥ 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)			

