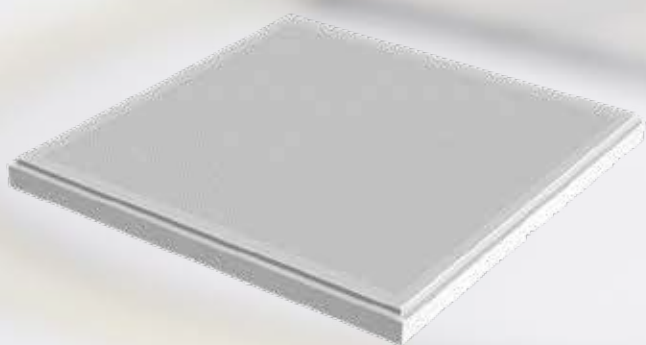


PASSIVE METAL PLAFOND JPF WITH INSULATING POLYSTYRENE



Passive metal plafond JPF made of steel 5/10 post-painted, base 15/24 mm, lowered for 8 mm, right angle, micro-perforated surface with a smooth perimeter of 20 mm. Thermal insulation is assured through a moulded, shaped polystyrene layer, thickness 40 mm. RAL 9016.



Product	Weight (Kg)	Code
Passive metal plafond 600x600 JPF	1.7	6141605

Polystyrene Panel

Features		600	Unit	Standard
Size of the panel		600x600	mm	UNI EN 822
Standard thickness		40	mm	UNI EN 823
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	1.20	(m ² • K)/W	UNI EN 12667
Thermal transmittance	U	0.83	W/(m ² • K)	
Water vapour diffusion resistance factor	μ	30 ÷ 70		UNI EN 12086
Dimensional stability at 48h, 70 °C	DS(N)	0.2	%	UNI EN 1604
Long term water absorption by partial immersion	WL(P)	0.5	Kg / m ²	UNI EN 12087
Long term water absorption by total immersion	WL(T)	≤2	%	UNI EN 12087
Resistance to fire	Euroclass	E		EN ISO 11925-2
Limit of operating temperature		80	°C	
Declaration according to UNI EN 13163	EPS-EN13163-T1-L2-W2-S2-P3-BS200-CS(10)150-DS(N)2-WL(T)2-MU(30-70)			

Metal Plafond

Feature	600	1200	Unit	Standard
Material	Steel 5/10			
Smooth perimeter	20	20	mm	
Base	15	24	mm	
Rebate	8	8	mm	

