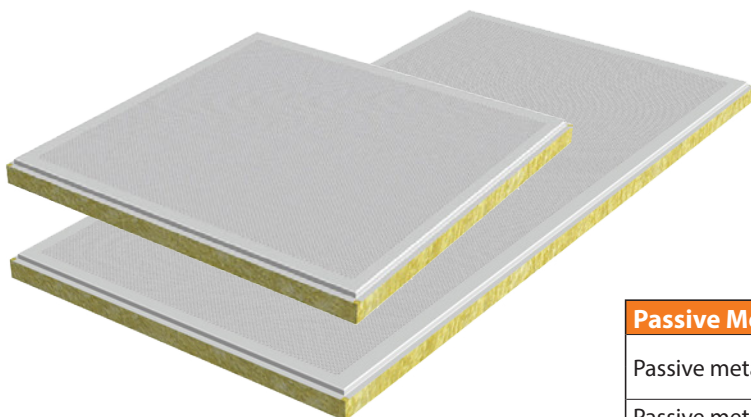


TECHNICAL SHEET



Metal ceiling tile made of white post-coated powder painted steel 5/10, RAL 9016, base of 15/24 mm, lowered by 8 mm, right angle shape, micro-perforated surface, plain border of 20 mm.
Size 600x600x40 mm, 1200x600x40 mm.



Passive Metal Plafond	Weight (kg)	Base (mm)	Code
Passive metal plafond 600x600	4,0	15	6140615
		24	6140634
Passive metal plafond 1200x600	7,3	24	6141215

Passive Metal Plafond			
Feature	Class	Test reference standard	Class reference standard
Reaction to fire for front panel	B - s2 - d0	UNI EN ISO 11925-1	UNI EN 13501

Rock Wool Panel					
Feature		600	1200	Unit	Standard
Size of insulating panel		600x600	1200x600	mm	UNI 822
Standard thickness		40		mm	UNI 823
Declared thermal conductivity	λ_d	0,040		W/(m · K)	UNI EN 12667, 12939
Thermal resistance	Rd	1		(m ² · K)/W	
Resistance to compression 10%	σ_{10}	70		kPa	UNI EN 826
Resistance to point load	F _p	600		N	UNI EN 12430
Tensile bond strength:	σ_{mt}	15		kPa	UNI EN 1607
Water vapour diffusion resistance factor	μ	1			UNI EN 12086
Short term water absorption by partial immersion	Ws	< 1		kg/m ²	EN 1609
Long term water absorption by immersion	WI(p)	< 3		kg/m ²	EN 12087
Specific heat	C _p	1030		J / (kg · K)	UNI EN 10456
Density	ρ	165		kg / m ³	UNI EN 1602
Reaction to fire	Euroclass	A1			UNI EN 13501-1
Declaration according to UNI EN 13162		MW-EN 13162 T5-CS(10/Y)70-PL(5)600-TR15-DS(TH)-DS(T+)-MU1-WS-WL(p)			

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