

Globe Wall Mineral

wall panel made of mineral fibre

PANEL WITH REACTION TO FIRE: CLASSE A2-S1. D0

DIMENSIONS:

WIDTH: 1.000 MM
 LENGTH: CUSTOMISABLE
 MAXIMUM LENGTH AVAILABLE: ON DEMAND
 THICKNESSES: MM 50, 60, 80, 100, 120, 150, 180, 200

INSULATING CORE:

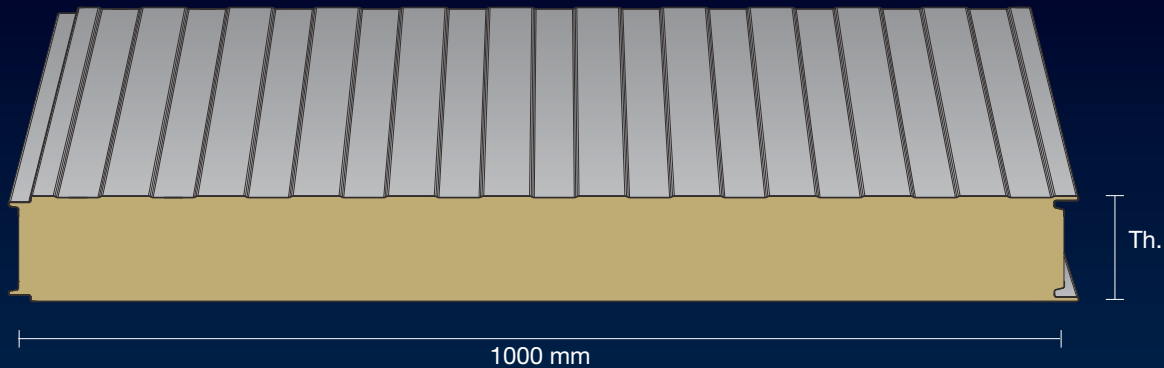
MADE WITH AN INSULATION LAYER COMPOSED OF BIOSOLUBLE MINERAL WOOL STRIPS, PLACED IN A LONGITUDINAL WAY, WITH THE FIBRES BEING SET AT 90 DEGREES TO THE PLANE OF THE TWO FACINGS.
 DENSITY: 100 KG/M³ ±10% DIFFERENT DENSITY AVAILABLE ON DEMAND.
 THERMAL-CONDUCTIVITY COEFFICIENT TILL = 0.039 WATT/MK

FACINGS:

PREPAINTED OR PLASTICISED GALVANISED STEEL; NATURAL EMBOSSED OR PREPAINTED ALUMINIUM; STAINLESS STEEL.
 THE STANDARD THICKNESSES OF THE GALVANISED STEEL AND PREPAINTED FACINGS ARE 0.5 MM + 0.5 MM. OTHER THICKNESSES ARE AVAILABLE ON DEMAND.

STANDARD COLOURS:

WHITE, GREY.
 ON DEMAND, ALL RAL COLOURS ARE AVAILABLE.



mineral fibre

Available internal facing (to be specified when ordering)



Slatted



Plank



Smooth

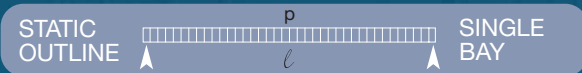
Thermal characteristics

U transmittance	PANEL NOMINAL THICKNESS (mm)							
	50	60	80	100	120	150	180	200
W/m ² K	0.760	0.630	0.470	0.380	0.320	0.250	0.218	0.195
Kcal/m ² h °C	0.655	0.543	0.405	0.328	0.276	0.216	0.188	0.168

WALLS



Static characteristics (kg/m²)



External facing: steel 0.5 mm. - Internal facing: steel 0.5 mm.

PANEL THICKNESS (mm)	DISTANCE BETWEEN SUPPORTS (ml)										WEIGHT (Kg/m ²)	
	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6		
50	165	120	95	80	70	60	50					13.14
60	195	145	115	95	85	70	65	55				14.14
80	265	200	160	130	115	100	85	80	70	55		16.14
100	320	240	190	160	135	120	105	95	85	80		19.86
120	325	240	195	160	135	120	105	95	85	80		21.86
150	325	240	195	160	135	120	105	95	85	80		23.14
180	345	260	205	170	145	130	115	100	90	85		26.14
200	345	260	205	170	145	130	115	100	90	85		28.14

p = (kg/m²) uniformly distributed load - Working support width: 50 mm
Normal deflection limit: $l/200$

Static characteristics (kg/m²)



PANEL THICKNESS (mm)	DISTANCE BETWEEN SUPPORTS (ml)										WEIGHT (Kg/m ²)	
	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6		
50	130	95	75	65	55							13.14
60	160	120	95	75	65	55	50					14.14
80	215	160	125	105	90	80	70	60	55	50		16.14
100	255	190	150	125	110	90	80	70	60	55		19.86
120	260	195	155	130	110	95	80	70	60	55		21.86
150	260	195	155	130	110	95	80	70	60	55		23.14
180	260	195	155	130	110	95	80	70	60	55		26.14
200	260	195	155	130	110	95	80	70	60	55		28.14

p = (kg/m²) uniformly distributed load - Working support width: 100 mm
Normal deflection limit: $l/200$

Static characteristics (kg/m²)



PANEL THICKNESS (mm)	DISTANCE BETWEEN SUPPORTS (ml)										WEIGHT (Kg/m ²)	
	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6		
50	135	100	80	65	55	50						13.14
60	165	120	95	80	70	60	55					14.14
80	220	165	130	110	95	80	70	65	60	55		16.14
100	280	210	165	140	120	105	90	80	70	65		19.86
120	285	215	170	140	120	105	95	80	70	65		21.86
150	285	215	170	140	120	105	95	80	70	65		23.14
180	285	215	170	140	120	105	95	80	70	65		26.14
200	285	215	170	140	120	105	95	80	70	65		28.14

p = (kg/m²) uniformly distributed load - Working support width: 100 mm
Normal deflection limit: $l/200$