

ROOFS aesthetic polyurethane



Globe Panels Ltd.

Globe Roof Tiles

the aesthetic roof

IS AN INSULATING PANEL TO BE USED WHEN AESTHETICS MUST ALSO BE TAKEN INTO CONSIDERATION FOR CIVIL BUILDINGS. WHEN THE CONSTRUCTION IS FINISHED, IT HAS THE EFFECT OF A REAL TILE ROOF. THE PRODUCT COMES STANDARD WITH THE SAME COLOUR OF REAL TILES; IT IS ALSO AVAILABLE WITH AN ANTIQUE EFFECT. TTCOPPO® SATISFIES THE BINDING URBANISTIC STANDARDS, AND IT IS ALSO USED IN HISTORICAL CENTERS. GUARANTEED AN EXCELLENT THERMAL INSULATION THANKS TO THE HIGH THICKNESS OF ITS SECTION. **TECHNICAL CHARACTERISTICS**

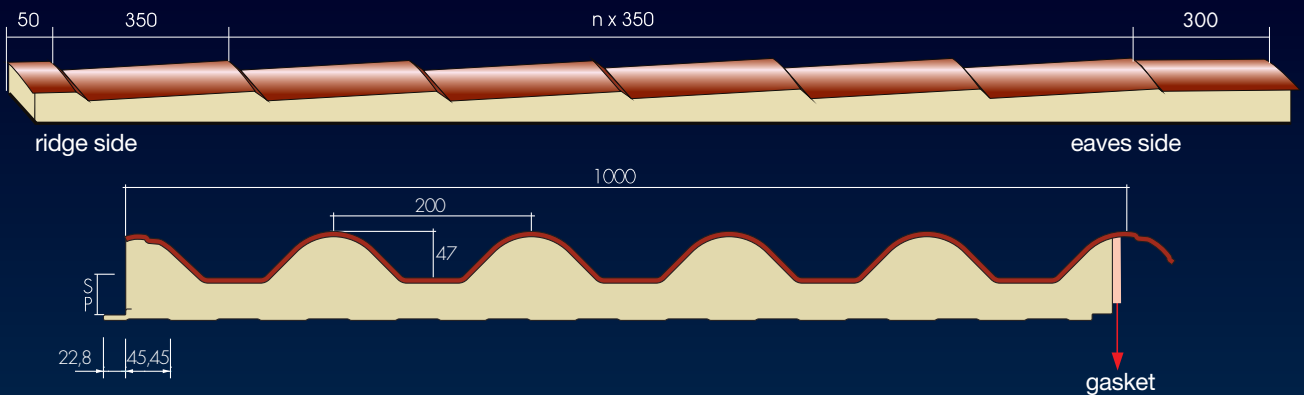
METAL FACED SANDWICH PANEL WITH INSULATING CORE MADE OF EXPANDED POLYURETHANE

WORKING WIDTH: 1.000 MM

EXTERNAL FACING: PREPAINTED GALVANISED STEEL, ALUMINIUM AND COPPER

INTERNAL FACING: PREPAINTED GALVANISED STEEL, OTHER FACINGS AND COLOURS ARE AVAILBALE ON DEMAND.

THE LENGTH OF THE PANEL IS DETERMINED BY THE MODULE GIVEN BY THE TILE DESIGN; SEE THE FIGURE HEREUNDER, WITH A CONSTANT DIMENSION OF 350 MM.



MOULDING OF TILE SHAPE



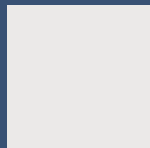
OVERLAPPING TILE

External facing standard colour



Red tile

Internal facing standard colour



White grey

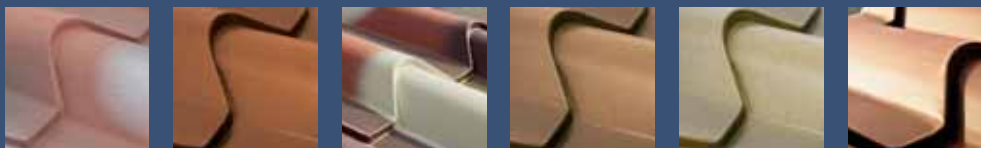
Internal facing colours available on demand



White centesimal aluminium, natural, cream Teak Birch walnut Cherry Walnut

DIFFERENT INTERNAL FACINGS IN PLASTICISED STEEL ARE AVAILABLE. FOR FURTHER INFORMATION, PLEASE CONTACT OUR OFFICES

External facing colours available on demand



Red antique tile Red antique copper Red antique cream Antique cream Antique yellow Copper

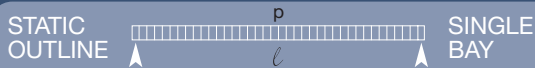


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Thermal characteristics

U transmittance	PANEL NOMINAL THICKNESS (mm)					
	30	40	50	60	80	100
W/m ² K	0.712	0.448	0.375	0.299	0.278	0.189
Kcal/m ² h °C	0.614	0.386	0.323	0.258	0.240	0.163

Static characteristics (kg/m²)



External facing: steel 0.5 mm. - Internal facing: steel 0.4 mm.

PANEL THICKNESS (mm)	DISTANCE BETWEEN SUPPORTS (ml)					WEIGHT (Kg/m ²)
	1.50	2.00	2.50	3.00	3.50	
30	271	190	108	47	41	9.1
40	339	249	156	82	58	9.5
50	406	307	202	117	86	9.9
60	472	366	250	153	111	10.3
80	607	487	345	224	178	11.1
100	715	597	440	305	250	12.2

p = (kg/m²) uniformly distributed load
Deflection limit: 1/200 ℓ

PANEL THICKNESS (mm)	DISTANCE BETWEEN SUPPORTS (ml)					WEIGHT (Kg/m ²)
	1.50	2.00	2.50	3.00	3.50	
30	307	248	196	139	99	9.1
40	366	295	228	162	120	9.5
50	442	342	260	183	141	9.9
60	484	389	293	206	162	10.3
80	629	502	361	253	202	11.1
100	759	710	470	340	260	12.2

p = (kg/m²) uniformly distributed load
Deflection limit: 1/200 ℓ

External facing: aluminium 0.7 mm. - Internal facing: steel 0.4 mm.

PANEL THICKNESS (mm)	DISTANCE BETWEEN SUPPORTS (ml)					WEIGHT (Kg/m ²)
	1.50	2.00	2.50	3.00	3.50	
30	231	162	82	36	31	6.3
40	253	186	117	64	44	6.7
50	305	231	152	87	64	7.1
60	353	275	187	115	83	7.5
80	455	366	258	168	120	8.3
100	545	446	328	228	170	9.2

p = (kg/m²) uniformly distributed load
Deflection limit: 1/200 ℓ

PANEL THICKNESS (mm)	DISTANCE BETWEEN SUPPORTS (ml)					WEIGHT (Kg/m ²)
	1.50	2.00	2.50	3.00	3.50	
30	249	185	146	105	74	6.3
40	275	219	171	122	90	6.7
50	318	256	196	136	106	7.1
60	276	293	220	155	121	7.5
80	471	382	276	190	151	8.3
100	570	426	303	235	185	9.2

p = (kg/m²) uniformly distributed load
Deflection limit: 1/200 ℓ