



1
The only sandwich panel designed to be installed with any type of photovoltaic module on it, even after the completion of your roof.



2
Easy and fast installation of the photovoltaic modules of any size.



3
Do not need to drill the panel for installing the universal fixing system, avoiding water infiltrations.



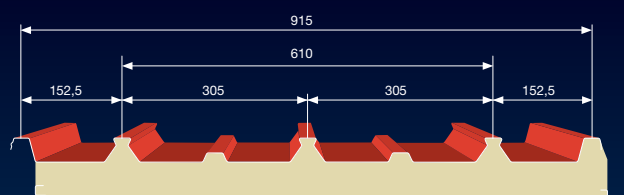
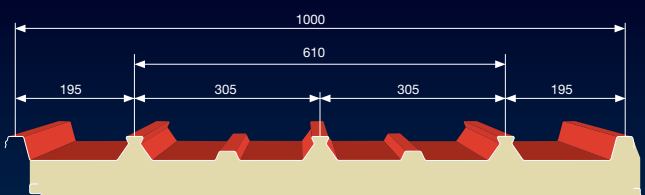
4
High ventilation, thanks to the 80 mm of air, to increase the production of energy.



5
Made the way you want: colour, facing, thickness, length.

Globe Sun Plus

the 5-star support for photovoltaic panels





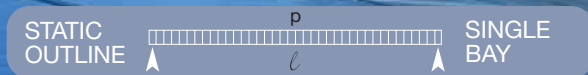
HERE IS THE COMPLETE SOLUTION SUN PLUS:

- ITS ADVANTAGE: REDUCTION TO THE ESSENTIALS
- NO EXPENSIVE SUPPORTING STRUCTURE
- NO ADDITIONAL GASKET
- NO USE OF UNNECESSARY AND EXPENSIVE ALUMINUM PROFILES
- FAST INSTALLATION OF THE PHOTOVOLTAIC MODULES: THE COMPONENTS ARE FIXED THANKS TO THE JOINTING OF THE FIXING SYSTEM AN ALREADY INSULATED ROOF DOES NOT NEED TO BE DRILLED FOR ASSEMBLING THE LOW WEIGHT OF THE SOLARPAN PLUS® SYSTEM COMPARED TO TRADITIONAL ROOFS HAS HIGHER PERFORMANCE IN ALL ITS APPLICATIONS WITH THE SAVINGS ON MATERIALS AND TIME OF INSTALLATION, SOLARPAN PLUS® PROVIDES A COMPLETE SOLUTION WITH A LOW COST OF REALISATION. MOREOVER THE SYSTEM SOLARPAN PLUS® PROVIDES ALL THE ACCESSORIES TO BE USED FOR THE INSTALLATION OF PHOTOVOLTAIC MODULES. TODAY A SOLARPAN PLUS® ROOF, TOMORROW A PHOTOVOLTAIC SYSTEM.



LOOKING TO THE FUTURE, WE HAVE THOUGHT ABOUT EVERYTHING: TODAY IT IS POSSIBLE TO COVER A ROOF OR A FACADE USING SOLARPAN PLUS® AND THEN, WITH TIME, IT IS POSSIBLE TO DECIDE TO INSTALL A PHOTOVOLTAIC SYSTEM. IDEAL WHEN USED AS A FACADE OR ROOF; ALSO, THROUGH THE USE OF A PITCHED STRUCTURE, YOU CAN INSERT MODULES ON THE SLOPES THAT ARE NOT FACING SOUTH AND THEREFORE ARE NOT NORMALLY USED, THE INSTALLATION TIME IS VERY FAST THANKS TO THE USE OF THE ACCESSORIES, SUCH AS SUPPORT PROFILES, CLAMPS AND JUNCTION TRIANGLES, WHICH CAN ALL BE ATTACHED TO THE ROOF WITHOUT HAVING TO DRILL; THIS POSITIONS THE SOLARPAN PLUS® SYSTEM TO BECOME THE IDEAL SOLUTION FOR ROOFS WITH PHOTOVOLTAIC MODULES.

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)	
	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6		
30	330	245	175	105	65							9.11
40	420	315	225	145	90	60						9.49
50	510	380	280	190	125	85	60					9.87
60	605	450	335	240	160	110	80	55				10.25
80	785	585	450	340	240	170	125	90	70	50		11.01
100	965	720	570	435	335	240	180	135	100	80		11.77
120	1000	855	680	535	420	320	240	180	140	110		12.53
150	1000	900	715	595	505	435	340	260	205	160		13.67

Calculation for static sizing according to the Annex E of the UNI EN 14509 standard
Deflection limit 1/200 l

External facing: aluminium 0.6 mm. - Internal facing: steel 0.4 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		
30	330	245	155	100	65							6.41
40	420	315	210	135	95	65						6.79
50	515	385	275	180	125	85	65					7.17
60	605	450	340	225	155	110	80	60				7.55
80	785	585	465	325	230	165	125	95	70	55		8.91
100	970	725	575	435	310	225	170	130	100	80		9.07
120	1000	860	685	555	400	295	220	170	135	105		9.83
150	1000	900	715	595	510	405	310	240	190	150		10.97

Calculation for static sizing according to the Annex E of the UNI EN 14509 standard
Deflection limit 1/200 l

Thermal characteristics

U transmittance	PANEL NOMINAL THICKNESS (mm)							
	30	40	50	60	80	100	120	150
W/m ² K	0.718	0.551	0.446	0.375	0.285	0.220	0.193	0.155
Kcal/m ² h °C	0.619	0.475	0.385	0.324	0.246	0.190	0.166	0.133