



Product card - **Roof
sandwich panel**

SPR CORE WOOL

THE POWER OF ROOFS



Product card

Roof sandwich panel

SPR CORE^{WOOL}



Scan the code
and learn more
about the product!

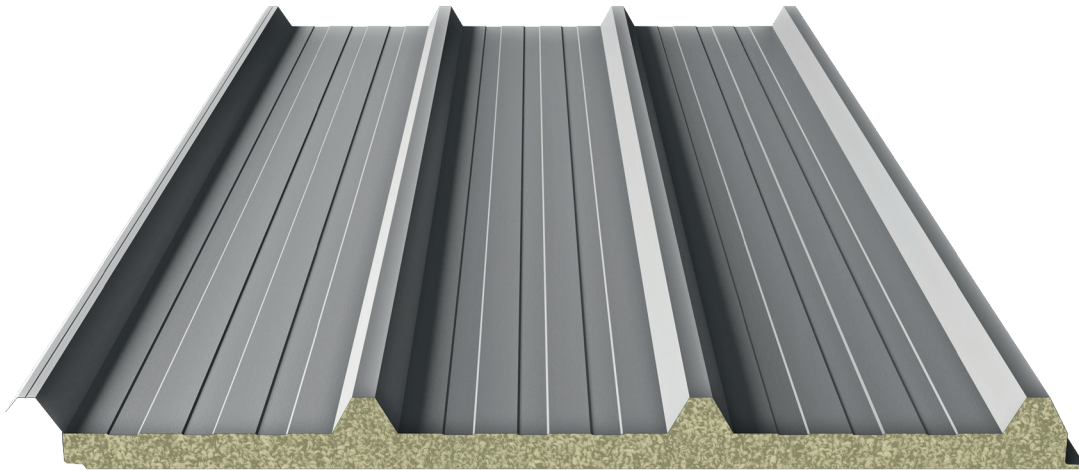
Sandwich panels are high-performance products that meet the requirements of the modern construction market.

Our insulated panels are a suitable solution for the construction of roofs of industrial facilities and public utility buildings.

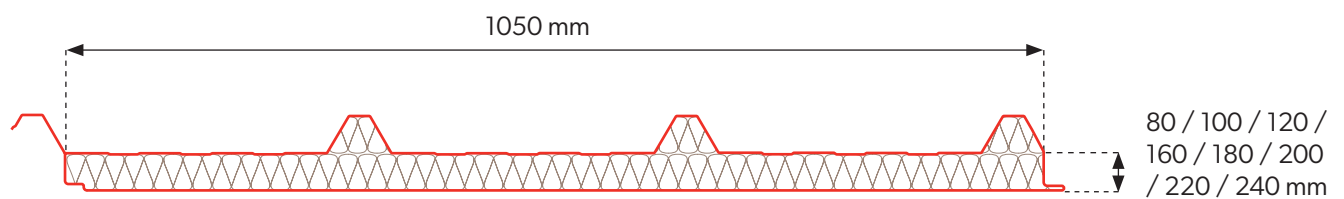
For the investor, it is a high quality product at a good price. For architects, it offers many possibilities in relation to the design intent. For construction managers, quick and easy installation. For construction supervision, friendly and transparent possibilities to verify the course of the entire process of construction execution from delivery until build acceptance.



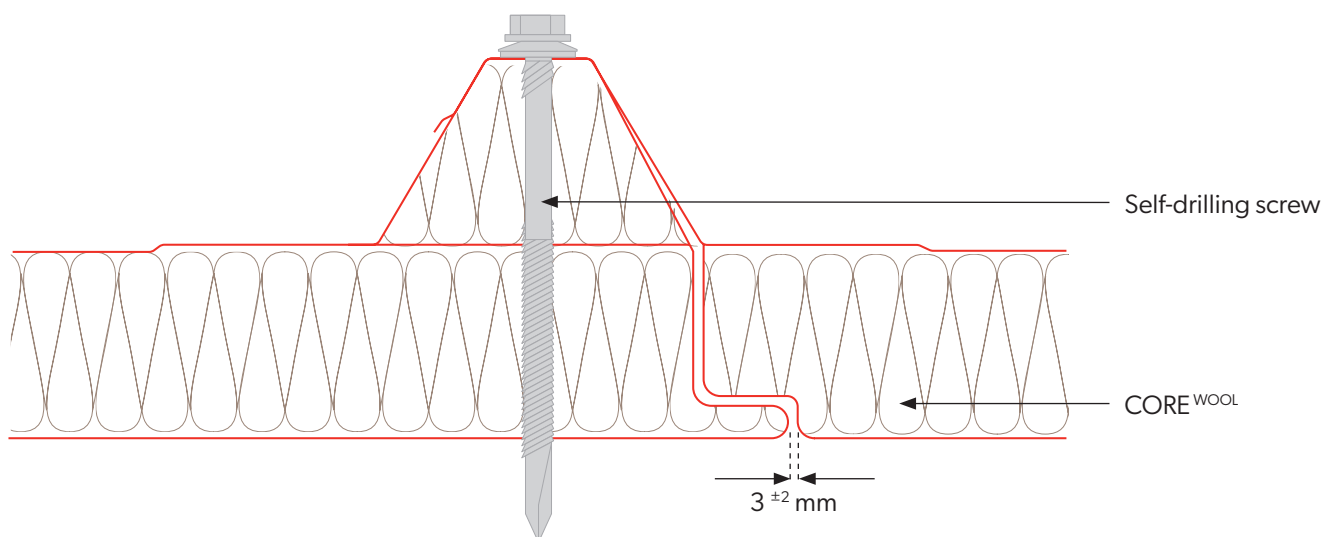
Technical information



Board cross-section



Joining of panels



Technical information

Core	WOOL							
Density [kg/m ³]	100 ± 10							
WOOL panel thickness [mm]	80	100	120	160	180	200	220	240
Weight [kg/m ²]	17,8	19,8	21,8	25,8	27,8	29,8	31,8	33,8
Effective width [mm]	1050							
Total width [mm]	1127							
Min. panel length [m]	2,0							
Max. panel length [m]	15,0							
Outer/inner sheet thickness [mm]	0,5-0,7 / 0,5-0,7							
U-value [W/m ² K]	0,54	0,43	0,36	0,27	0,24	0,22	0,20	0,18
Fire spread degree	NRO							
Type of external / internal profiling	[T40] / [M], [T], [F]							
External / internal corrosion resistance	C1, C2, C3 (C4 ÷ C5) / A1 (A2 ÷ A5)							
Standard coatings	Poliester Interior [INT], Poliester Standard [RAL], HERCULIT [HC], MULTILAYER 40 [MLT]							
Special coatings	PVDF, PUR, PVC (P), PVC (F) - FoodSafe							
Accessories	fixing system, seals, flashings, rooflight SPR-SKY							

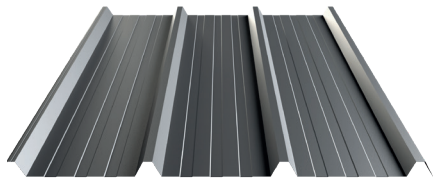
Packaging of sandwich panels

Panel thickness [mm]	Modular width [mm]	Number of panels per pack [pcs]	Number of packages on a vehicle [pcs]	Maximum package height [mm]	Package height [mm]	Panel weight [kg/m ²]	Weight of 1 package [kg]	Surface area of panels [m ² /car]**
80	1050	12	4	1300	2600	17,8	3027,8	680,4
100	1050	10	4	1300	2600	19,8	2806,7	567,0
120	1050	8	4	1220	2440	21,8	2472,1	453,6
160	1050	6	4	1180	2360	25,8	2194,3	340,2
180	1050	6	4	1300	2600	27,8	2364,4	340,2
200	1050	4	4	980	1960	29,8	1689,7	226,8
220	1050	4	4	1060	2120	31,8	1803,1	226,8
240	1050	4	4	1140	2280	33,8	1916,5	226,8

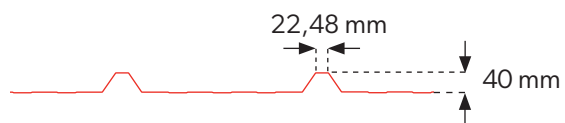


** Surface area of panels on car calculated for panel lengths of 13.5 m.

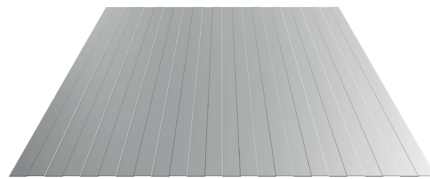
External profiling



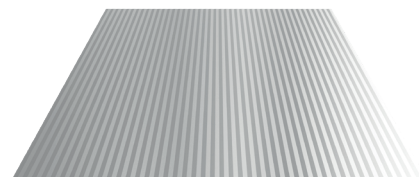
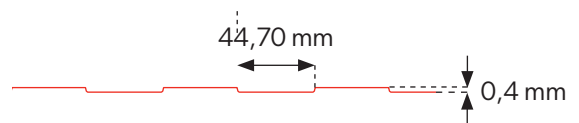
TRAPEZOIDAL 40 [T40]



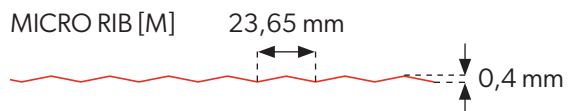
Internal profiling



TRAPEZOIDAL [T]



MICRO RIB [M]



FLAT [F]



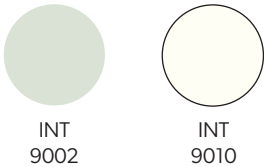
Internal and external profiling are available in any configuration.



ATTENTION! Due to the structure of sandwich panels with FLAT [F] profiles, the so-called effect may occur. „waves“ of the sheet metal. This is a natural phenomenon for this type of products. We recommend contacting the technical department to choose the optimal solution.

Coatings and colors

POLIELSTER Interior [INT] - Available colors for interior cladding



POLIELSTER Standard [RAL] - Available colors for exterior cladding



HERCULIT [HC]



MULTILAYER 40 [MLT] - Available colors for exterior cladding



Printing technology does not allow faithful rendering of colors. Therefore the colors shown are indicative and may differ from actual colors.



In addition, on individual order, non-standard colors and coatings are available, outside the palette shown (PVDF, PUR, PVC (P), PVC (F) - FoodSafe).

Coating parameters

Code	Coating thickness	Corrosion resistance	UV resistance
POLIELSTER Interior [INT]	15 µm	RA2	Not applicable
POLIELSTER Standard [RAL]	25 µm	RC3	RUV2
HERCULIT [HC]	35 µm	RC4	RUV4
MULTILAYER 40 [MLT]	40 µm	RC3	RUV3

Notes



Modular roofing tiles
MODULAR SERIES



Compact roofing tiles
COMPACT SERIES



Steel roofing tiles
CLASSIC SERIES



Retro roof tiles
RETRO SERIES



Roof panels
PANEL SERIES



INTEGRATED
PV PANELS



Steel roof gutter system
INGURI



TRAPEZOIDAL
SHEETS



FLAT METAL
SHEETS



FLASHINGS



ACCESORIES



Roof Sandwich
PANELS



Wall Sandwich
PANELS



Facade cladding
SKRIN, LINEA, SINUS



Wall cassette &
PROSYSTHERM



Uncoiling and slitting
SERVICES



Flat sheets and cutting
SERVICES



PERFORATION
of sheets

