



Product card - **Wall sandwich panel with visible fastening**

SPW-S CORE^{WOOL}

THE POWER OF ROOFS



Product card

Wall sandwich panel with visible fastening

SPW-S CORE^{WOOL}



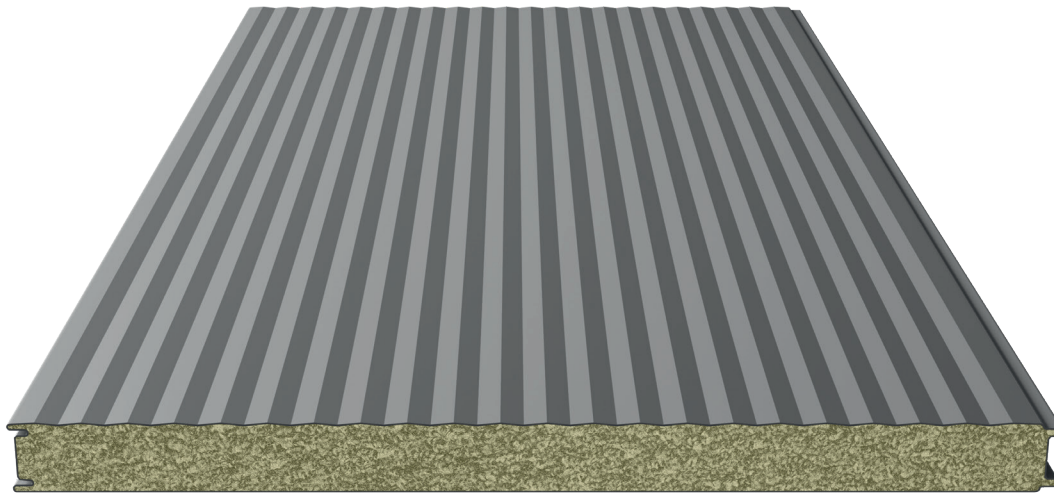
Scan the code
and learn more
about the product!

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

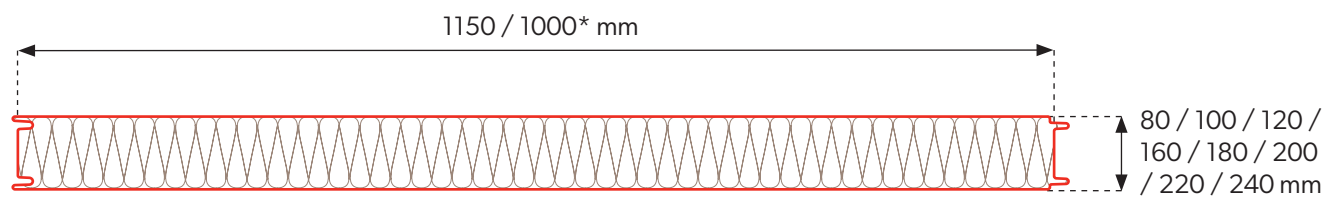
Suitable for the construction of exterior and interior wall claddings and ceilings of industrial or public utility facilities.

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.

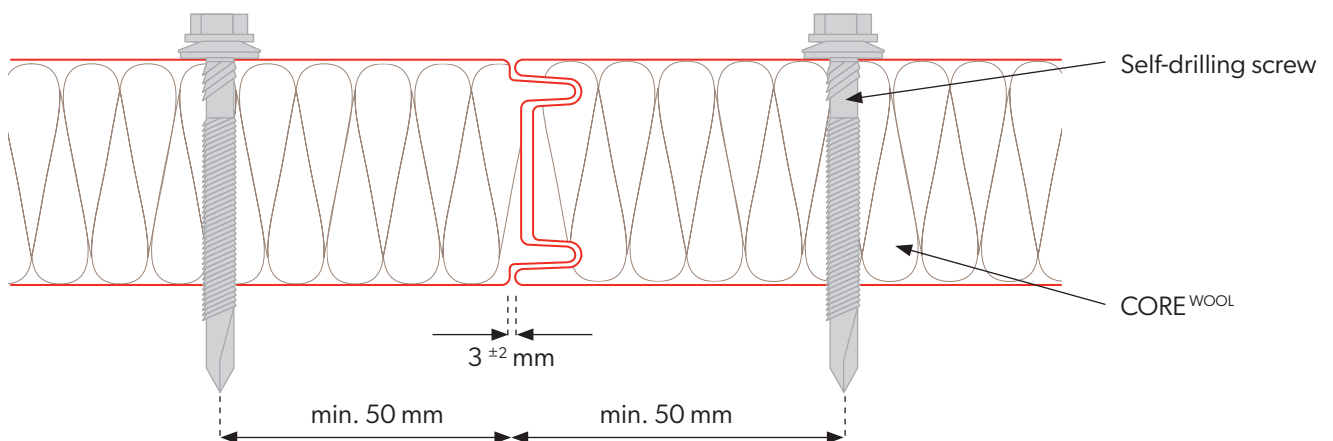
Technical information



Board cross-section



Joining of panels



* Module availability is determined individually with the sales department..

Technical information

Core	WOOL							
Density [kg/m ³]	100 ± 10							
PIR panel thickness [mm]	80	100	120	160	180	200	220	240
Weight [kg/m ²]	17,50	19,50	21,50	25,50	27,50	29,50	31,50	33,50
Effective width [mm]	1150, 1000*							
Total width [mm]	1171, 1021*							
Min. panel length [mb]	2,5							
Max. panel length [mb]	13,5							
Outer/inner sheet thickness [mm]	0,5-0,7 / 0,5-0,7							
U-factor [W/m ² K].	0,54	0,43	0,36	0,27	0,24	0,22	0,20	0,18
Reaction to fire	A1							
Wall resistance to external fire	EI120	EI180	EI240	EI240	EI240	EI240	EI240	EI240
Type of profiling ext. / int.	[R], [M], [T], [F] / [M], [T], [F]							
Corrosion resistance ext. / ext.	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	Fastening system, gaskets, flashings, lighting profiles							

Packaging of sandwich panels

Panel thickness [mm]	Modular width [mm]	Quantity of panels in a package	Quantity of packages per vehicle	Package height [mm]	Package weight [kg]	Maximum loading length [m]	Quantity of panels per vehicle [m ²]
80	1150	10	6	2670	2470	13,5	931,5
100	1150	8	6	2670	2224	13,5	745,2
120	1150	6	6	2460	1854	13,5	558,9
160	1150	5	6	2700	1855	13,5	465,75
180	1150	5	4	2360	2010	13,5	310,5
200	1150	5	4	2200	2165	13,5	310,5
220	1150	4	6	2940	1856	13,5	372,6
240	1150	4	4	2120	1980	13,5	248,4

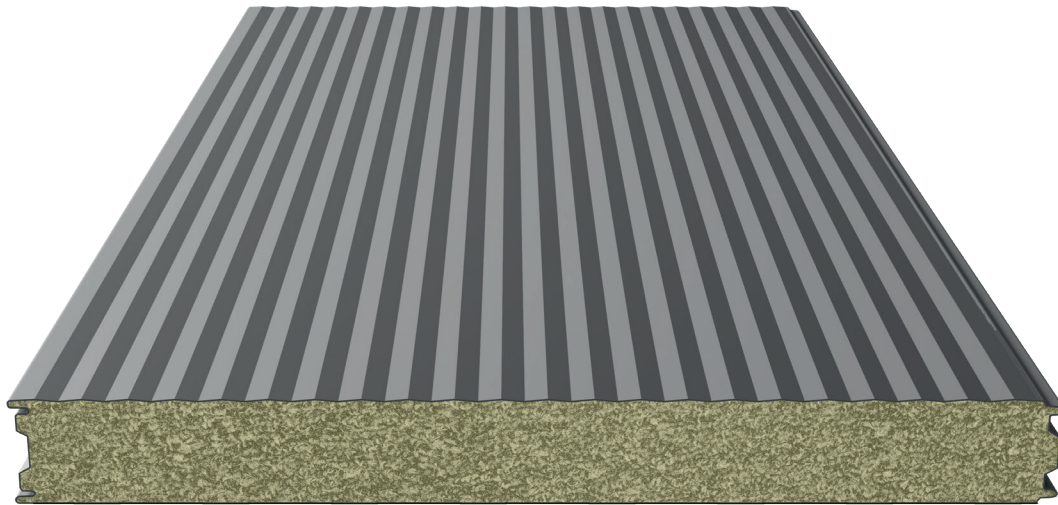


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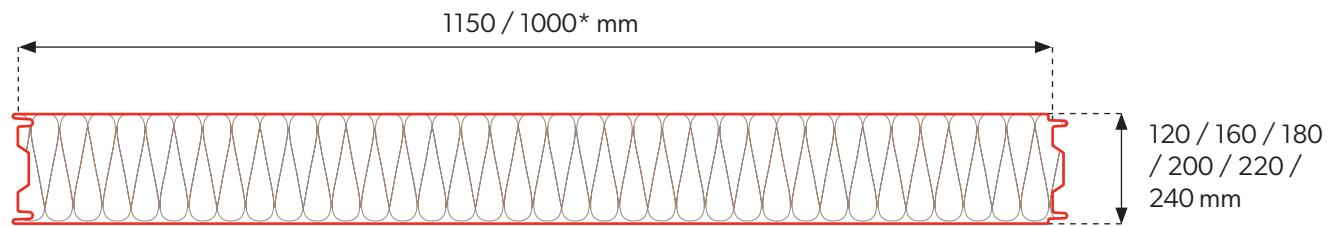
Technical information



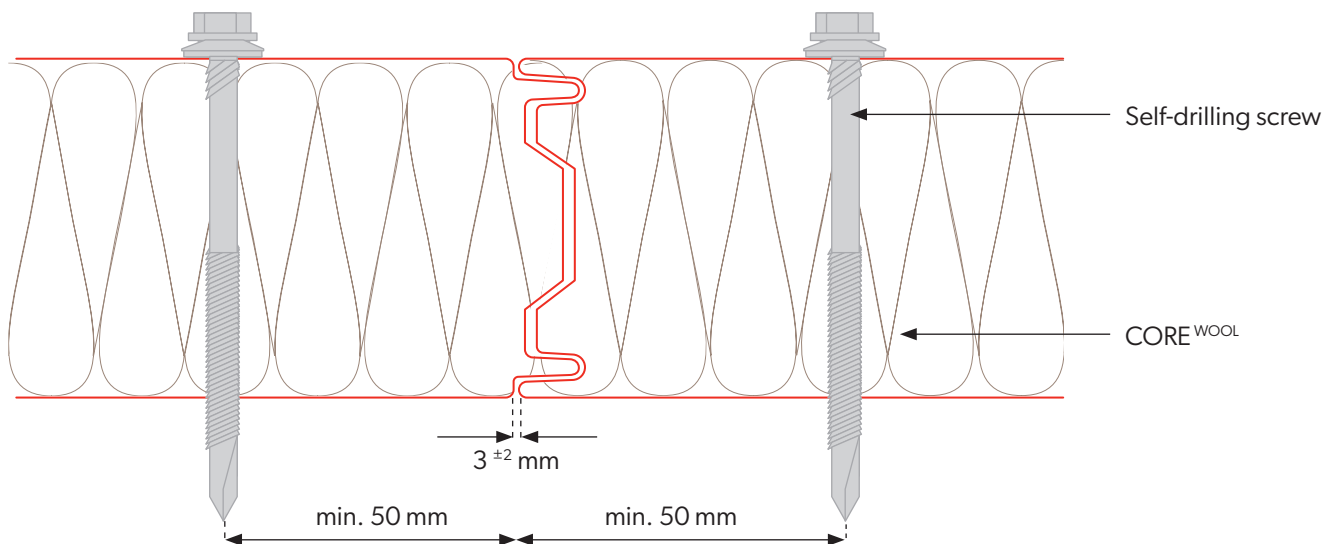
For SPW-S CORE WOOL panels in thicknesses of 120-240 mm, it is possible to mill the core joints in the locks on special request



Board cross-section



Joining of panels



* Module availability is determined individually with the sales department..

Technical information

Core	WOOL					
Density [kg/m ³]	100 ± 10					
PIR panel thickness [mm]	120	160	180	200	220	240
Weight [kg/m ²]	21,50	25,50	27,50	29,50	31,50	33,50
Effective width [mm]	1150, 1000*					
Total width [mm]	1171, 1021*					
Min. panel length [mb]	2,5					
Max. panel length [mb]	13,5					
Outer/inner sheet thickness [mm]	0,5-0,7 / 0,5-0,7					
U-factor [W/m ² K].	0,36	0,27	0,24	0,22	0,20	0,18
Reaction to fire	A1					
Wall resistance to external fire	EI240	EI240	EI240	EI240	EI240	EI240
Type of profiling ext. / int.	[R], [M], [T], [F] / [M], [T], [F]					
Corrosion resistance ext. / ext.	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	Fastening system, gaskets, flashings, lighting profiles					

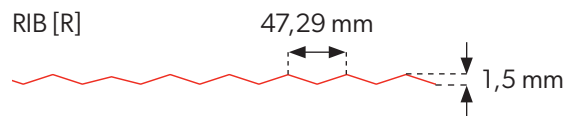
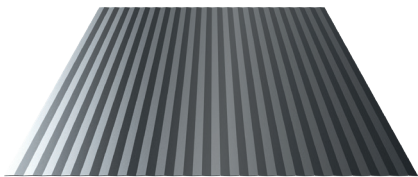
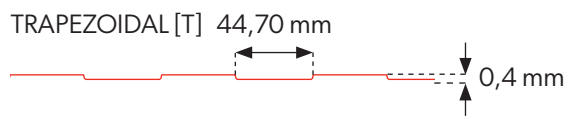
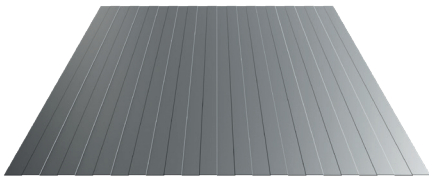
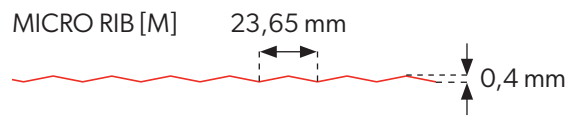
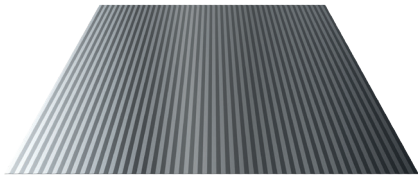
Packaging of sandwich panels

Panel thickness [mm]	Modular width [mm]	Quantity of panels in a package	Quantity of packages per vehicle	Package height [mm]	Package weight [kg]	Maximum loading length [m]	Quantity of panels per vehicle [m ²]
120	1150	6	6	2460	1854	13,5	558,9
160	1150	5	6	2700	1855	13,5	465,75
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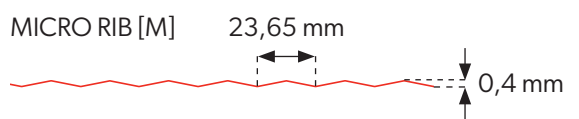
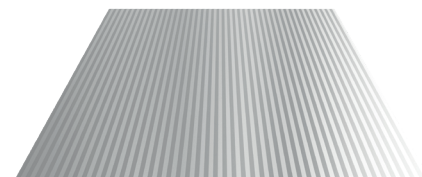
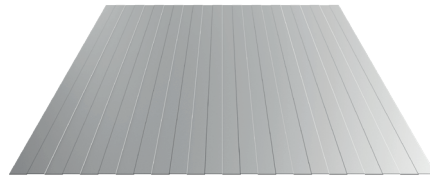
External profiling



FLAT [F]



Internal profiling



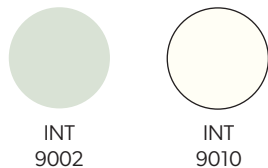
FLAT [F]



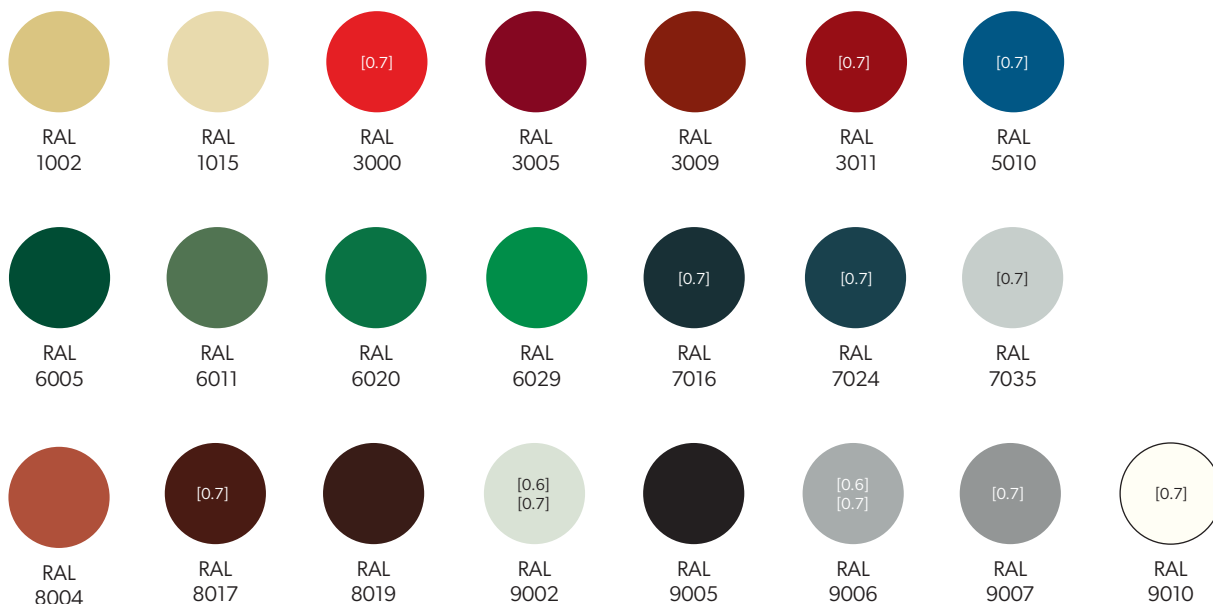
Internal and external profiling are available in any configuration.

Coatings and colors

POLIESTER Interior [INT] - Available colors for interior cladding



POLIESTER 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
POLIESTER Interior [INT]	15 μm	RA2	Not applicable
POLIESTER 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 &
PROSYSTEM



Uncoiling and slitting
SERVICES



Flat sheets and cutting
SERVICES



PERFORATION
of sheets

