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

SPW-S CORE WOOL

STEEL SERVICE CENTRE

VSS

Product card

Wall sandwich panel with visible fastening
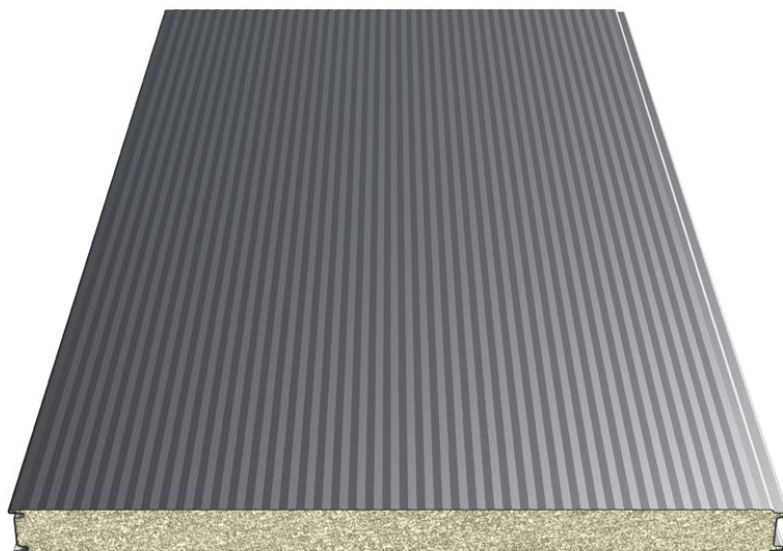
SPW-S CORE WOOL

Scan the code and learn more about the product!

Sandwich panels are high-performance products that meet the requirements of the modern construction market.
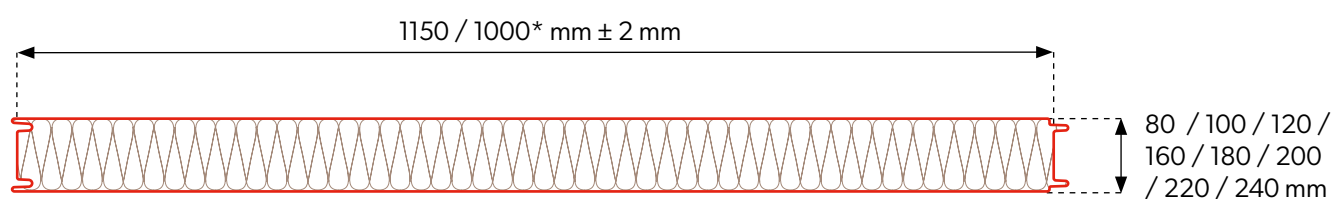
Suitable for the construction of exterior and interior wall claddings and ceilings of industrial or public utility facilities.

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.
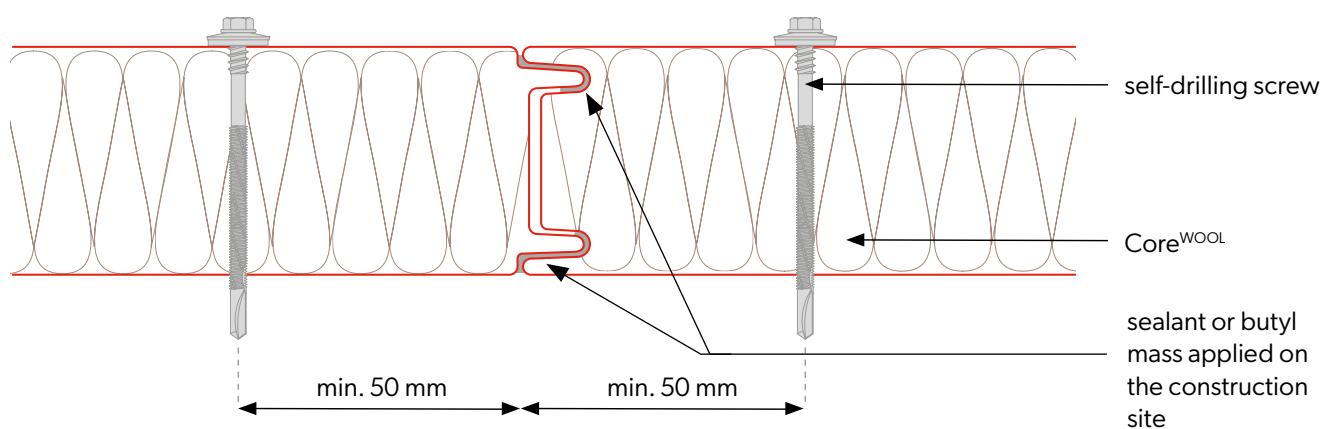
Technical information

Panel cross-section

1150 / 1000* mm ± 2 mm

80 / 100 / 120 / 160 / 180 / 200 / 220 / 240 mm

Joining the panels

self-drilling screw

Core ᵂᴼᴼᴸ

sealant or butyl mass applied on the construction site

min. 50 mm

min. 50 mm

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

Technical information

Core	wool							
Density [kg/m³]	100 ± 10							
WOOL panel thickness [mm]	80	100	120	160	180	200	220	240
Weight [kg/m²]	16,6	18,6	20,6	24,6	26,6	28,6	30,6	32,6
Effective width [mm]	1150, 1000*							
Total width [mm]	1171, 1021*							
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/m²K]	0,54	0,43	0,36	0,27	0,24	0,22	0,20	0,18
Fire resistance	45	45	60	90	90	90	90	90
Fire spread degree	NRO							
Type of external / internal profiling	[M], [T1], [R], [F] / [T1], [M], [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							

Inner side with [INT] coating
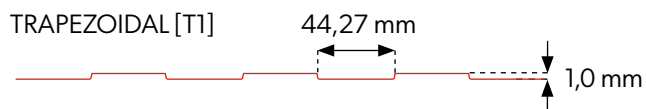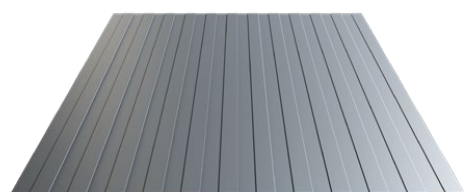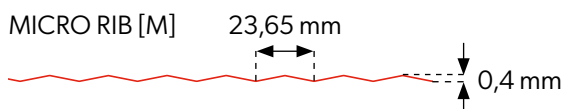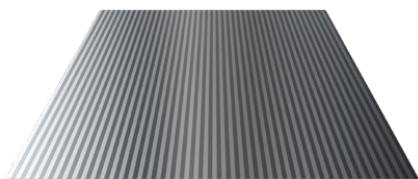
External side

NOTE! The arrows marked with the symbol **^INT^** on the panel lock point to the **inner side** of the sandwich panel with the **[INT] INTERIOR** coating.

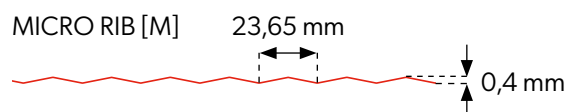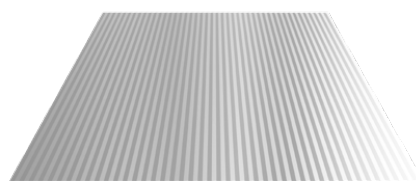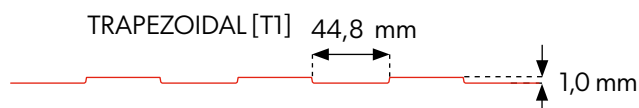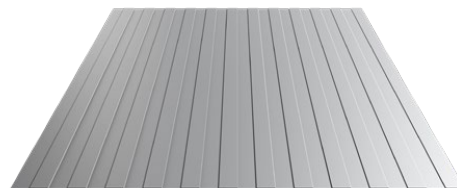⚠ * Module availability is agreed individually with the sales department.

External profiling

MICRO RIB [M]   23,65 mm

0,4 mm

TRAPEZOIDAL [T1]   44,27 mm

1,0 mm

RIB [R]   47,29 mm

1,5 mm

FLAT [F]

Internal profiling

TRAPEZOIDAL [T1]   44,8 mm

1,0 mm

MICRO RIB [M]   23,65 mm

0,4 mm
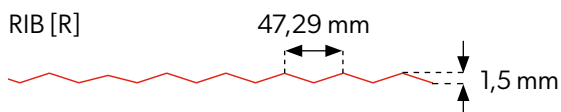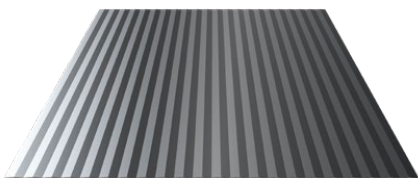
FLAT [F]

! 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.

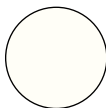**!** Internal and external profiling are available in any configuration.

Coatings and colors

POLIESTER Interior [INT] - Available colors for interior cladding

INT
9002

INT
9010

POLIESTER Standard [RAL] - Available colors for exterior cladding

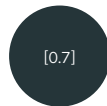| RAL 1002	RAL 1015	RAL 3000 [0.7]	RAL 3005	RAL 3009	RAL 3011 [0.7]	RAL 5010 [0.7]

RAL 6005	RAL 6011	RAL 6020	RAL 6029	RAL 7016 [0.7]	RAL 7024 [0.7]	RAL 7035 [0.7]

RAL 8004	RAL 8017 [0.7]	RAL 8019	RAL 9002 [0.6] [0.7]	RAL 9005	RAL 9006 [0.6] [0.7]	RAL 9007 [0.7]	RAL 9010 [0.7]
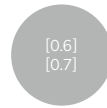
HERCULIT [HC]

HC 3009	HC 7016	HC 8004	HC 8017	HC 9005

MULTILAYER 40 [MLT] - Available colors for exterior cladding

SL252 Winchester [0.5]* [0.6]	SL59 Dark Oak [0.5]* [0.6]	SL65 Golden Oak [0.5]* [0.6]

! 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

STRUCTURAL
PROFILES

FLAT METAL
SHEETS

FLASHINGS

ACCESORIES

Roof Sandwich
PANELS

Wall Sandwich
PANELS

Facade cladding
SKRIN, LINEA

Uncoiling and slitting
SERVICES

Flat sheets and cutting
SERVICES

PERFORATION
of sheets

BP2　　　**VSS**　　　**SOLROOF**