Product card -
**Refrigeration
sandwich panel**

SPW-C CORE^{PIR}

THE POWER OF ROOFS

BP2

Product card

Refrigeration sandwich panel

SPW-C CORE PIR
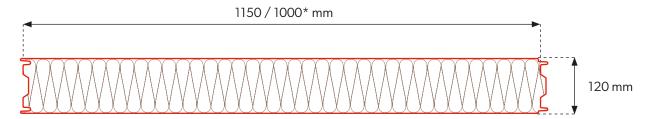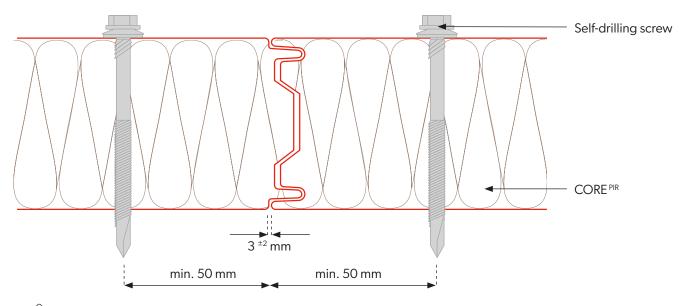
Scan the code
and learn more
about the product!

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

Suitable for the construction of exterior wall claddings and ceilings of cold storage, industrial 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

1150 / 1000* mm

120 mm

Joining of panels

Self-drilling screw

CORE PIR

$3^{\pm 2}$ mm

min. 50 mm   min. 50 mm
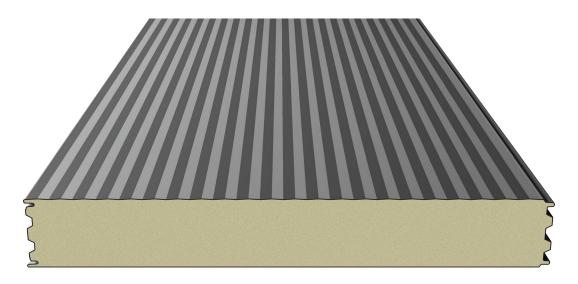
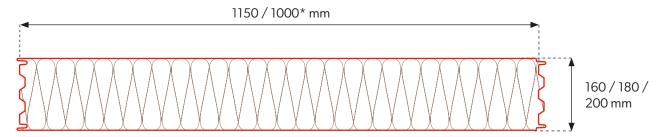! * Module availability is determined individually with the sales department..

Technical information

Board cross-section

1150 / 1000* mm

160 / 180 / 200 mm

Joining of panels

Self-drilling screw

CORE PIR

3 ±2 mm

min. 50 mm   min. 50 mm

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

Technical information

| Core	PIR			
Density [kg/m³]	40 ± 3			
PIR panel thickness [mm]	120	160	180	200
Weight [kg/m²]	12,8	14,5	15,3	16,1
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]	0,4-0,7 / 0,4-0,7			
U-factor [W/m²K].	0,18	0,14	0,12	0,11
Reaction to fire	B-s1,d0			
Wall resistance to external fire	EI30	EI30	EI30	EI30
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			
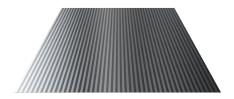
Packaging of sandwich panels

Panel thickness [mm]	Modular width [mm]	Quantity of panels in a package	Quantity of packages per vehicle	Maximum height of a parcel [mm]	Height of 2 parcels [mm]	Maximum loading length [m]	Quantity of panels per vehicle [m2]
120	1150	10	4	1300	2600	12	552
160	1150	7	4	1220	2440	12	386
180	1150	6	4	1180	2360	12	331
200	1150	6	4	1300	2600	12	331

! Module availability is determined individually with the sales department.

External profiling

MICRO RIB [M]   23,65 mm

0,4 mm

TRAPEZOIDAL [T]   44,70 mm

0,4 mm

RIB [R]   47,29 mm

1,5 mm

FLAT [F]

Internal profiling

TRAPEZOIDAL [T]   44,70 mm

0,4 mm
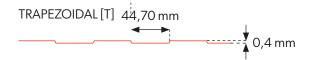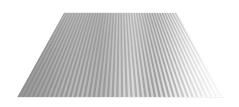

MICRO RIB [M]   23,65 mm
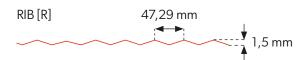
0,4 mm

FLAT [F]

⚠ Internal and external profiling are available in any configuration.

Coatings and colors

POLIESTER Interior [INT] - Available colors for interior cladding

INT
9002

INT
9010

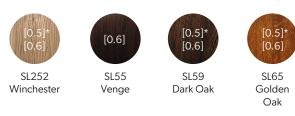**POLIESTER Standard [RAL]** - Available colors for exterior cladding

RAL
1002

RAL
1015

[0.7]
RAL
3000

RAL
3005

RAL
3009

[0.7]
RAL
3011

[0.7]
RAL
5010

RAL
6005

RAL
6011

RAL
6020

RAL
6029

[0.7]
RAL
7016

[0.7]
RAL
7024

[0.7]
RAL
7035

RAL
8004

[0.7]
RAL
8017

RAL
8019

[0.6]
[0.7]
RAL
9002

RAL
9005

[0.6]
[0.7]
RAL
9006

[0.7]
RAL
9007

[0.7]
RAL
9010

HERCULIT [HC]

HC 3009

HC 7016

HC 8004

HC 8017

HC 9005

MULTILAYER 40 [MLT] - Available colors for exterior cladding

[0.5]*
[0.6]
SL252
Winchester

[0.6]
SL55
Venge

[0.5]*
[0.6]
SL59
Dark Oak

[0.5]*
[0.6]
SL65
Golden
Oak

! Printing technology does not allow faithful rendering of colors. Therefore the colors shown are indicative and may differ from actual colors.
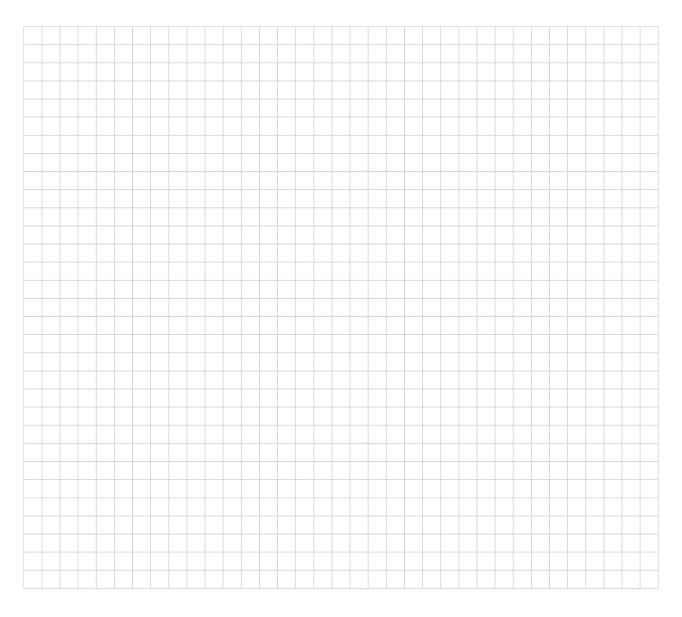
! In addition, on individual order, non-standard colors and coatings are available, outside the palette shown (PVDF, PUR, PVC (P), PVC (F) - FoodSafe).

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 &
PROSYSTHERM

Uncoiling and slitting
SERVICES

Flat sheets and cutting
SERVICES

PERFORATION
of sheets

BP2   **IMPRO**   **VSS**   **SOLROOF**