

PRODUCT BROCHURE



Insulated Metal Panels

With a wide selection of insulated panels, we are proud to be able to offer our customers the ability to dream big by customizing their project to their specifications. We work with you to make your dreams a reality.

Built to last; our customer satisfaction is first and foremost. To make customers happy with our panels, we have ensured that a single panel from us will last at least 40 years with little to no maintenance.

We believe that in order to achieve a greener future through sustainable buildings, it must be designed and constructed with people and our planet being at the forefront.

“We are the exclusive distributor of high-quality insulated panels across North America.”

Our Mission

With any project, the purpose of the building is a reflection of who you are and what you do.

At SNAP, we work with you to build that lifestyle, and panels are our contribution to creating better buildings for a better world.

Our Values

People are at the core of everything we do. We have built a team of professionals dedicated to ensuring that every customer is able to customize their project from conception to completion.

Through integrity, responsibility, and creativity we are committed to delivering you with your dream build.

Our Process

How Do We Work?

SNAP Insulated Panels utilizes current industry trends backed by our management's expertise to deliver **the right product, for the right price, at the right quality; every time.**



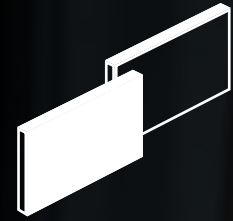
The continuous development of the construction industry in all aspects highlights the need for ecological considerations regarding decarbonizing buildings, reducing energy consumption and overall sustainability. SNAP Insulated Metal Panels are of the highest quality, made of galvanized steel sheets with an organic coating (e.g., polyester) to ensure high-performing, airtight insulation that works in unison with a range of additional energy-sufficient solutions, optimizing efficiency. Our panels not only protect the insulation core; but can be adapted to any project requirement. Not to mention our wide selection of colours guarantees the unique character of your building!

Your customized order will be entered into our system, where an order confirmation will be sent to you verifying the agreed-upon details. After sending back the signed documents and completing all formalities, the order will be released for production.

Our in-house department will prepare the necessary documents in accordance with the guidelines included in the production order. We will then process the order to begin manufacturing the sandwich panels.

Our factory will select the corresponding materials for your order. Upon manufacturing fulfillment, we will oversee the transportation of the panels according to your delivery schedule. Based on the schedule, we work with you to determine the date of production so that pick-up and delivery are on-time.

To determine the date and time of the delivery of goods to your construction site, our logistics department will contact you after the ordered sandwich panels are completed and the final execution will begin.



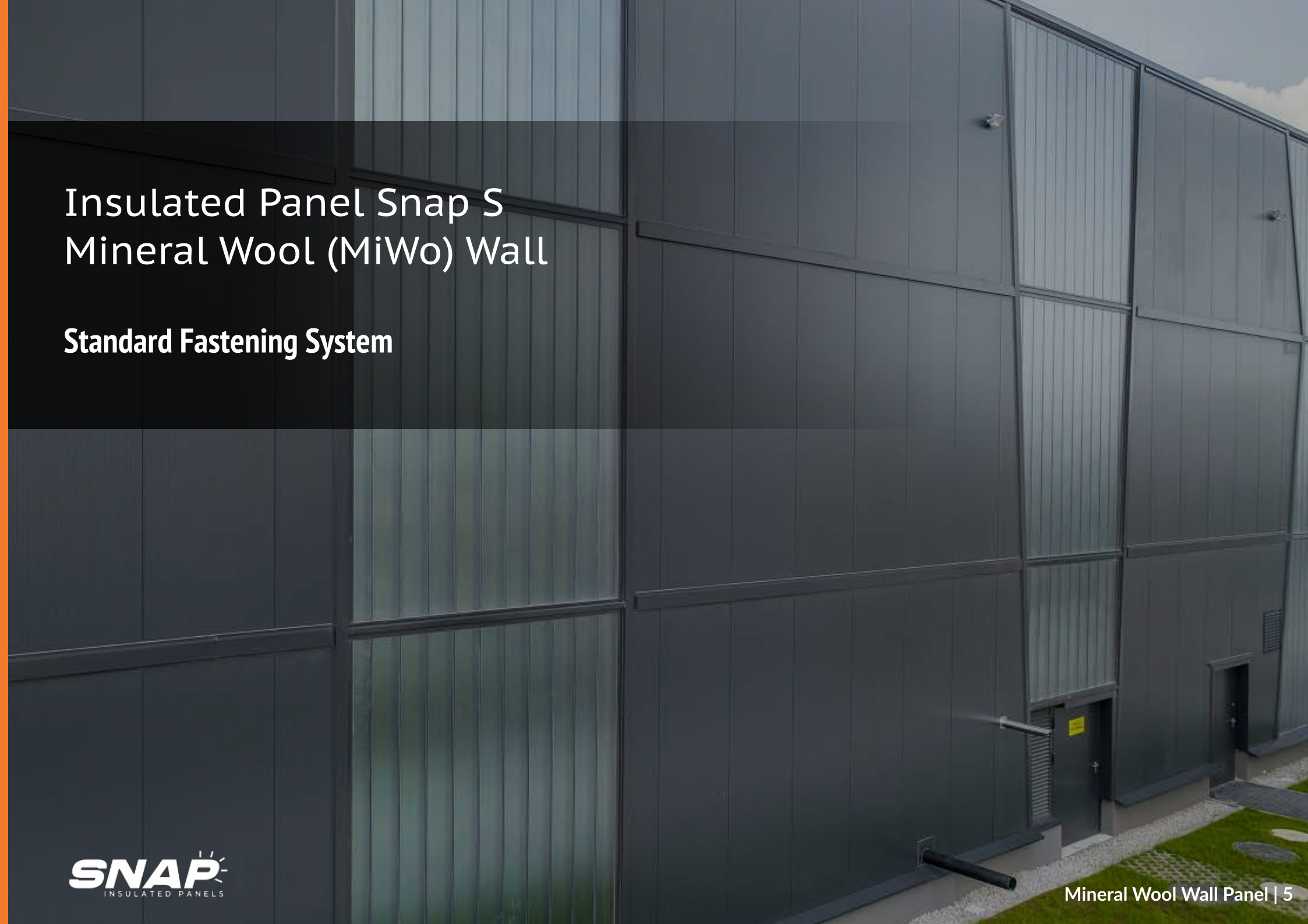
+ 10 000 000 m²
panels manufactured



Since 2013
on the market

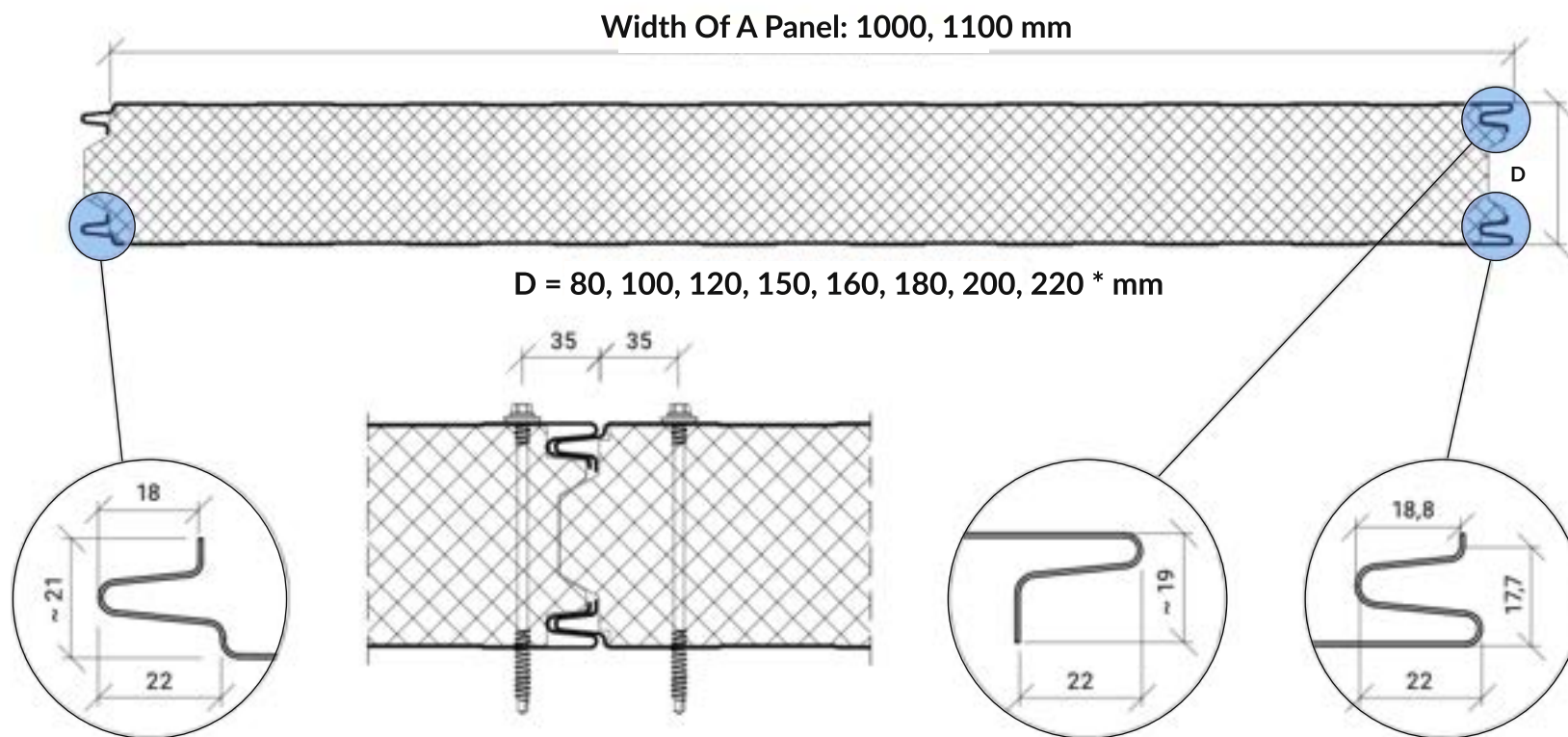


Over 5,600
buildings completed



Insulated Panel Snap S Mineral Wool (MiWo) Wall

Standard Fastening System



Insulation Core, Mineral Wool (MiWo)

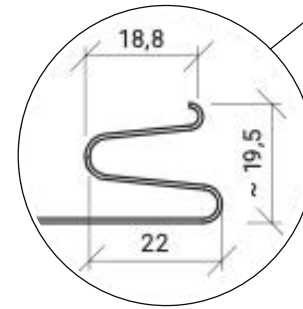
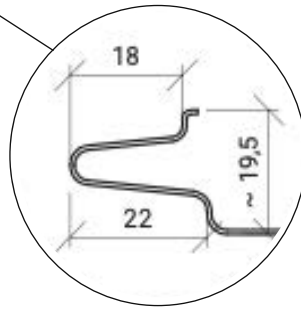
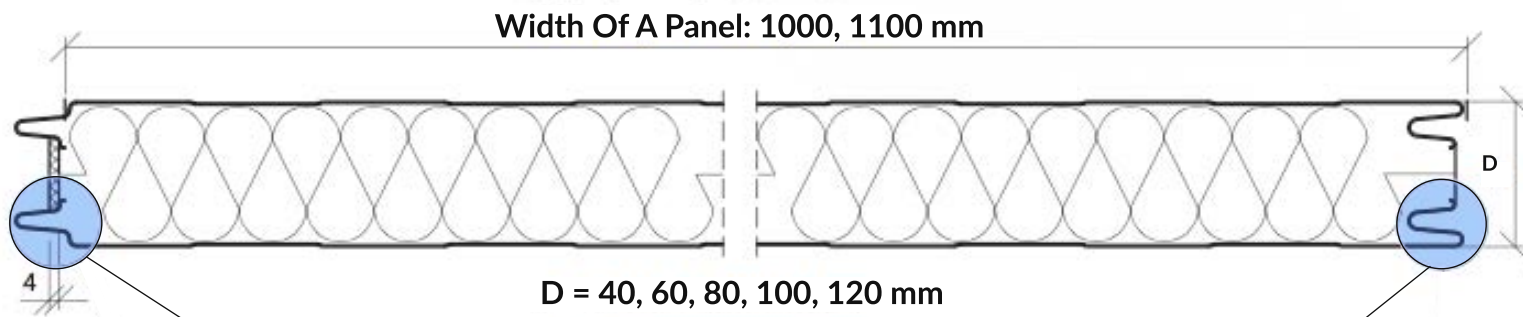
Steel Sheet

* The 220 mm thickness is produced on special order after consultation with the manufacturer.



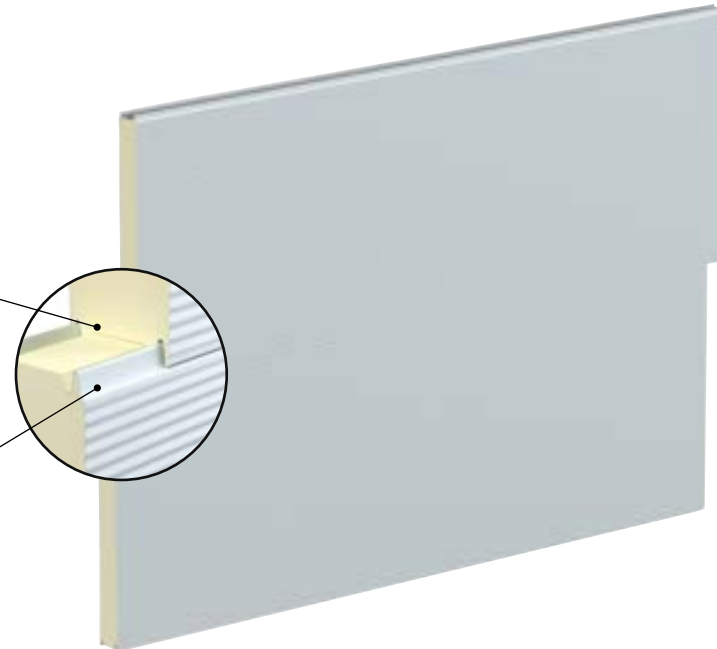
Insulated Panel Snap S Polyisocyanurate (PIR) Wall

Standard Fastening System



Insulation Core, Polyurethane Foam PIR

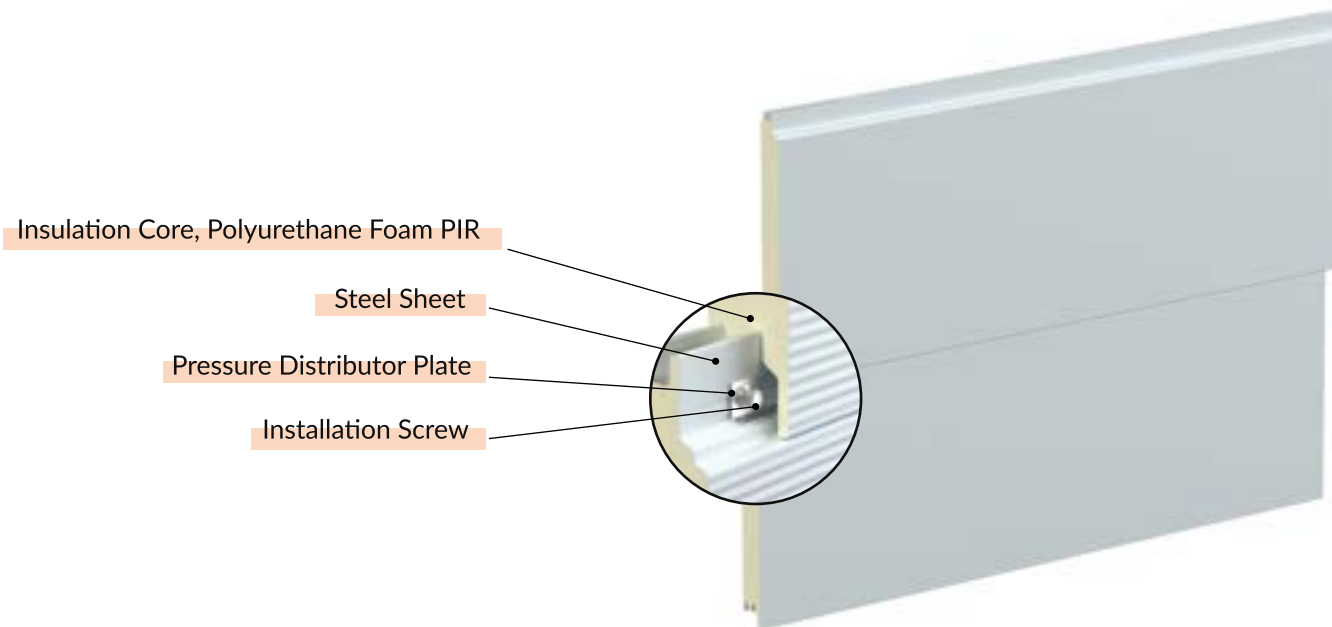
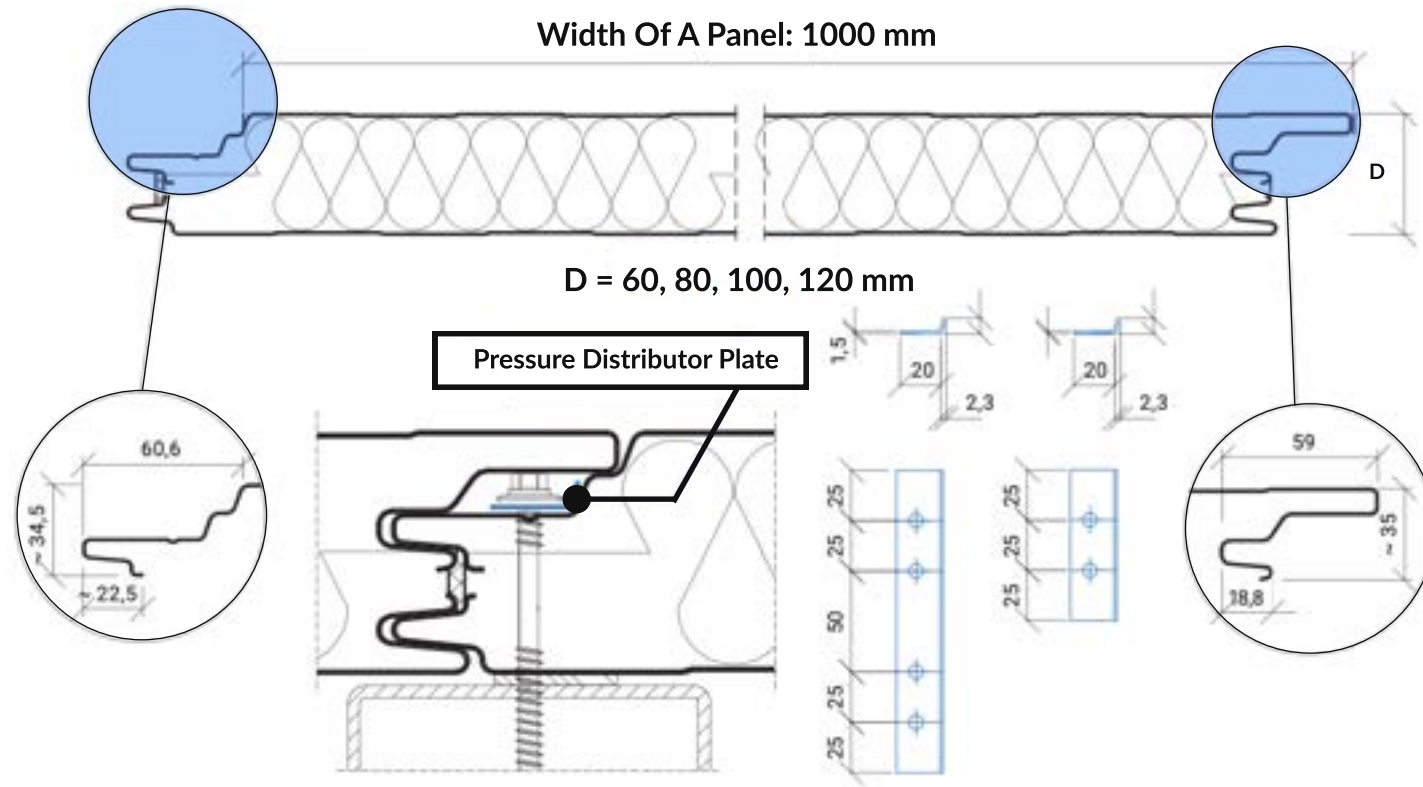
Steel Sheet



A photograph of a modern, multi-story building with a dark grey, metallic-looking facade. The building features large glass windows on the ground floor and a series of smaller windows on the upper floors. The sky is clear blue, and there are some green bushes in the foreground.

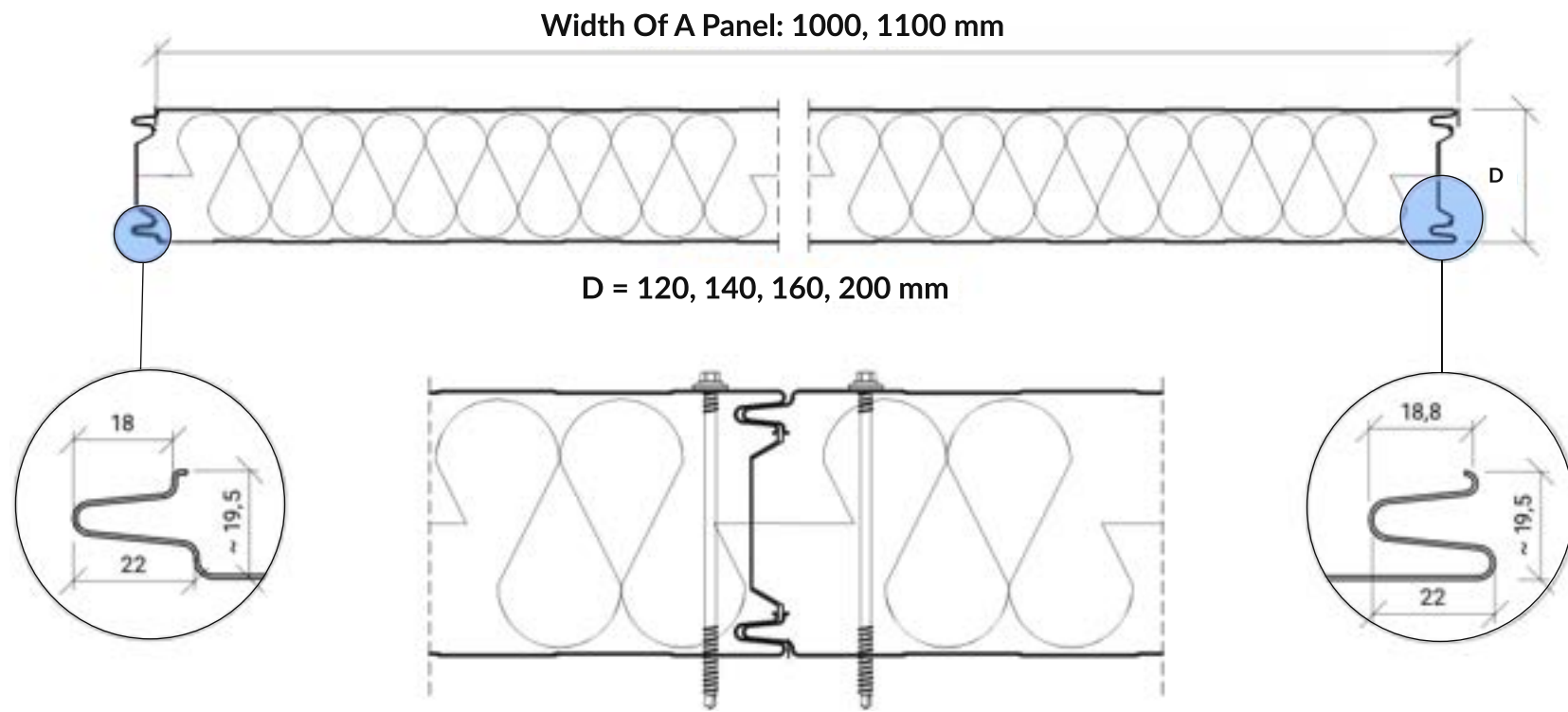
Insulated Panel Snap SU Polyisocyanurate (PIR) Wall

Hidden Fastening System



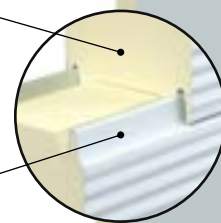


Insulated Panel Snap CH Polyisocyanurate (PIR) Cold Storage



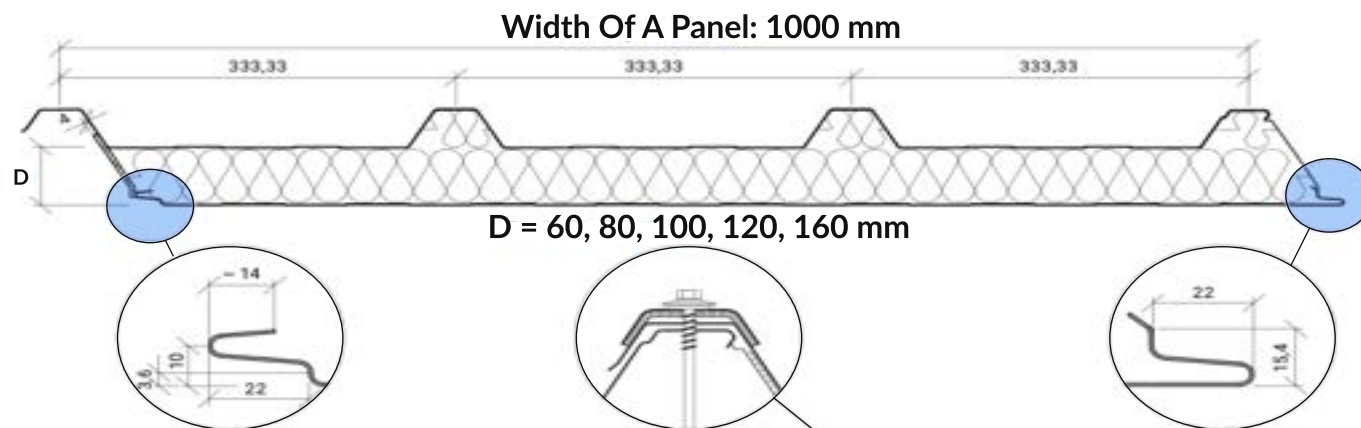
Insulation Core, Polyurethane Foam PIR

Steel Sheet

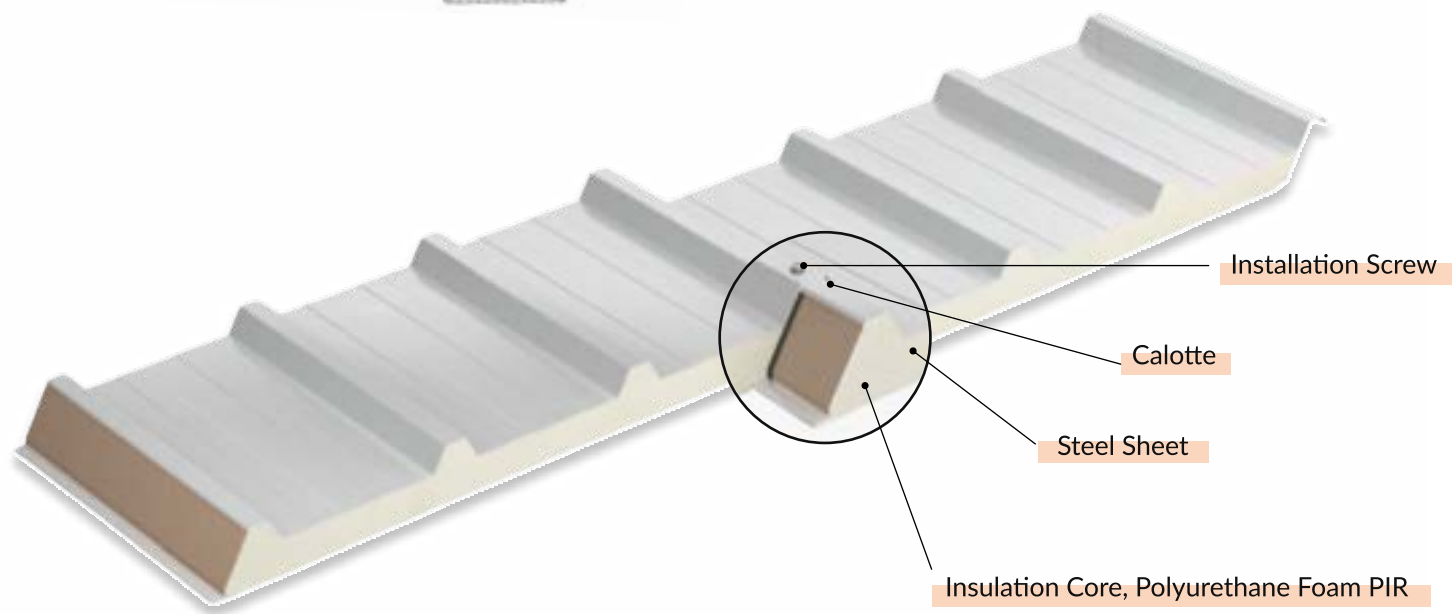
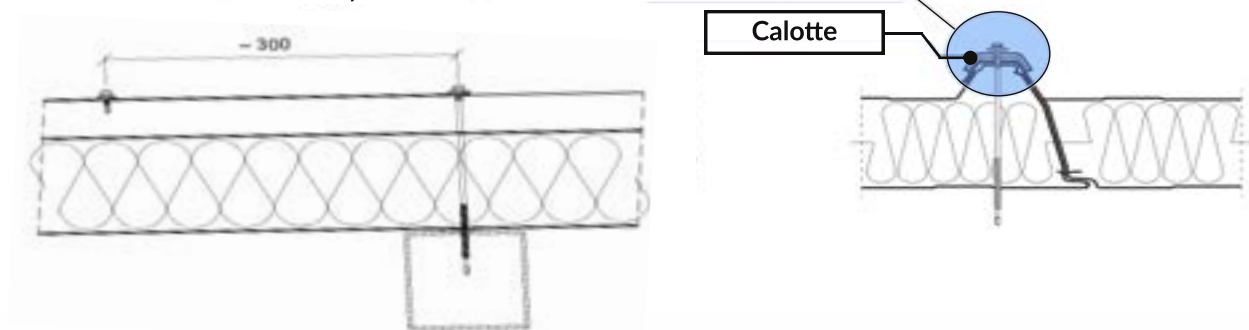




Insulated Panel Snap D Polyisocyanurate (PIR) Roof

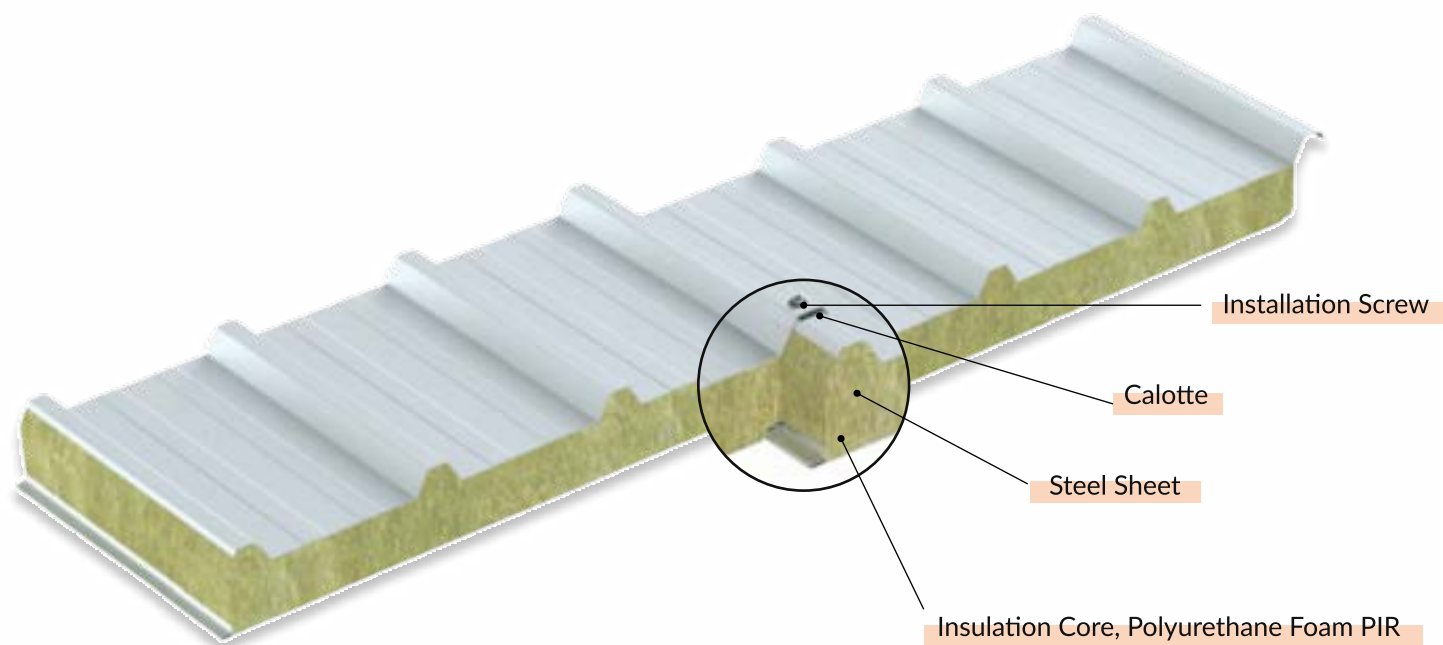
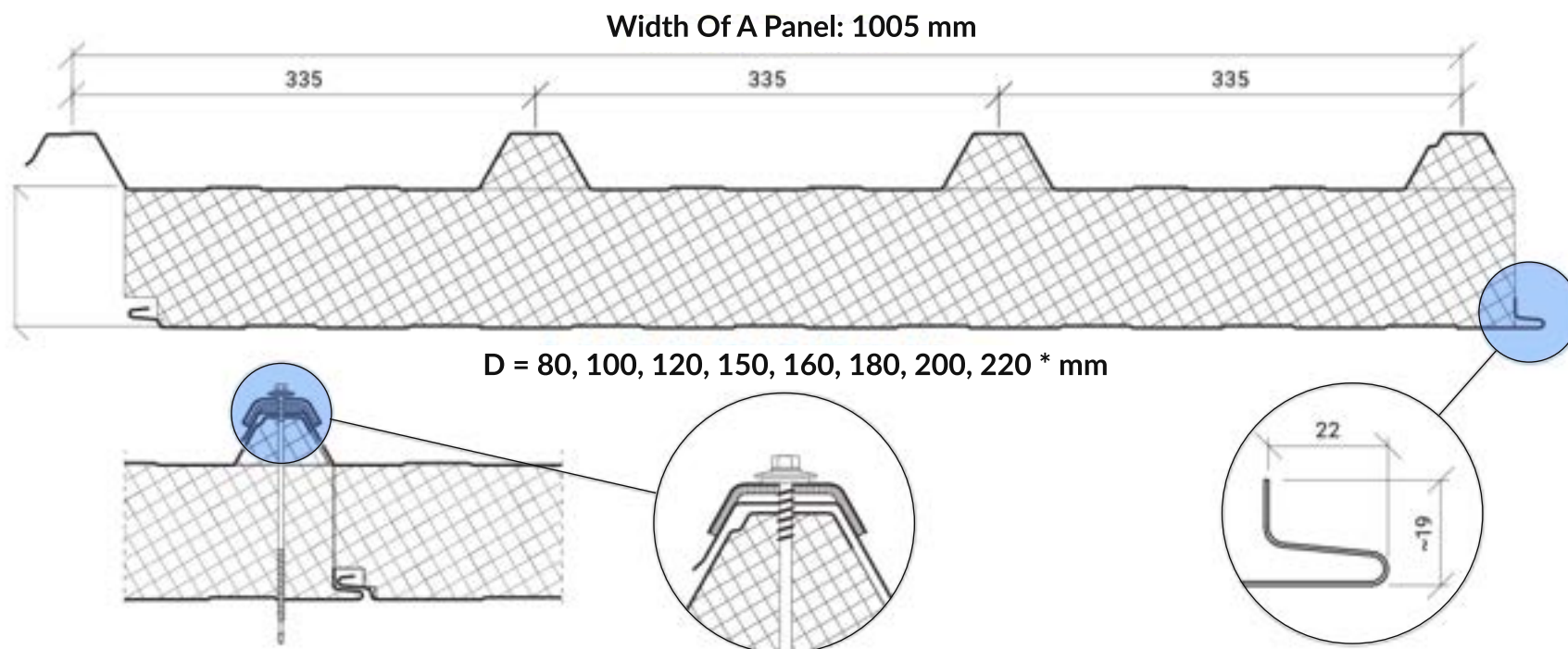


Roof Sandwich Panels Installation System SNAP D

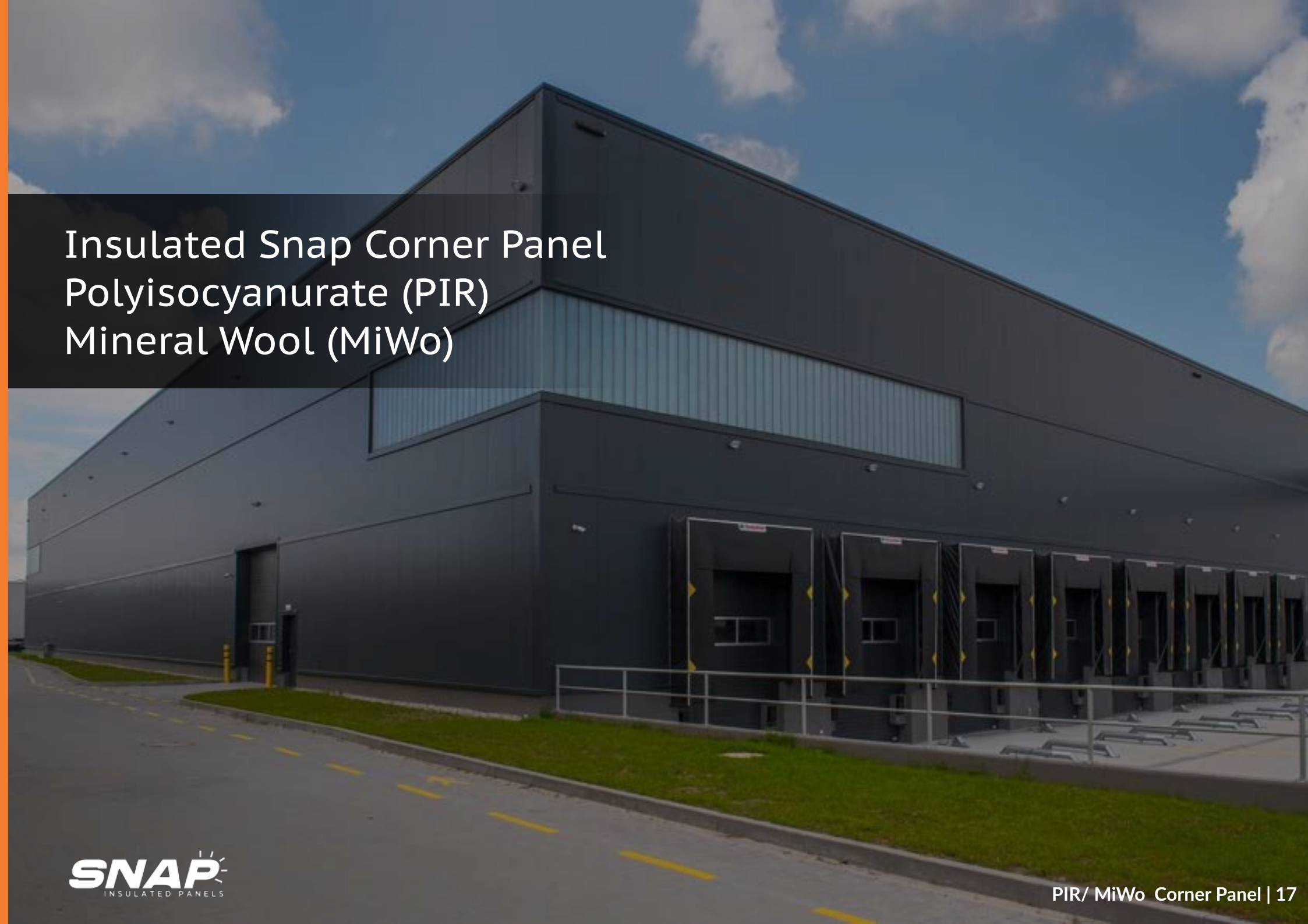




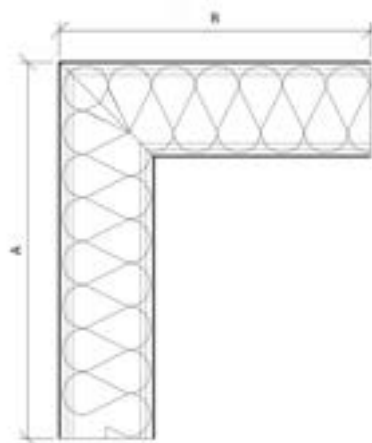
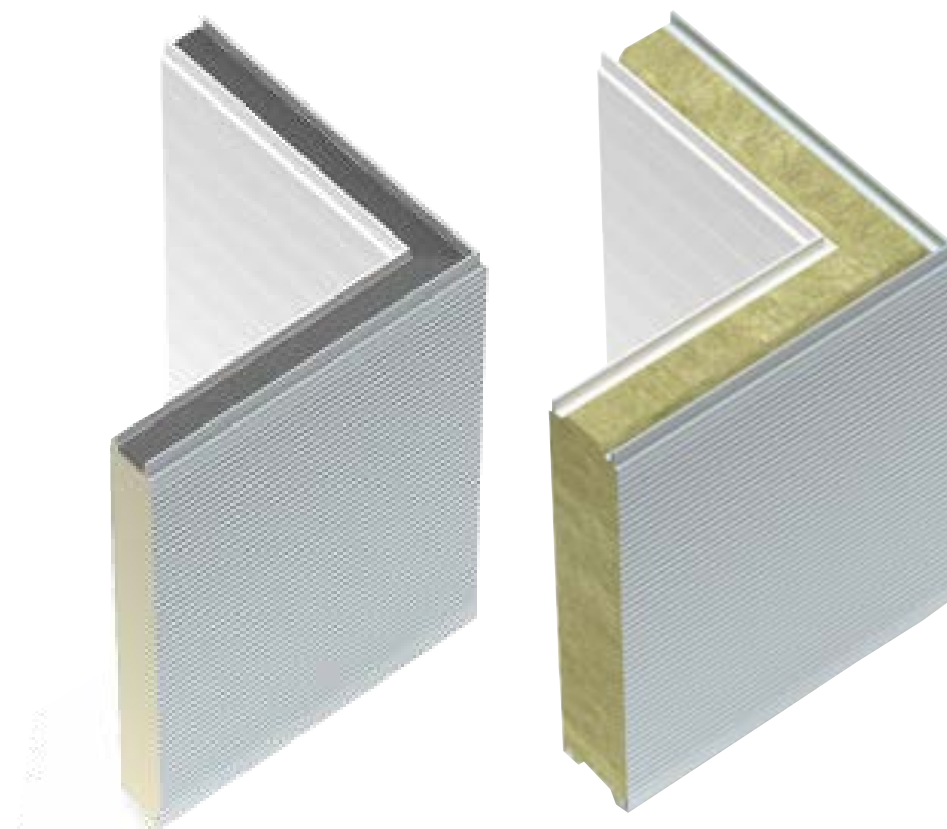
Insulated Panel Snap D Mineral Wool (MiWo) Roof



* The 220 mm thickness is produced on special order after consultation with the manufacturer.

A large industrial building with dark grey insulated panels. The building features a prominent corner section with a large window made of light blue vertical slats. Along the side of the building, there is a series of loading docks with dark frames and yellow safety markings. The building is situated next to a paved road with yellow dashed lines, and a grassy area is visible in the foreground. The sky is blue with scattered white clouds.

Insulated Snap Corner Panel Polyisocyanurate (PIR) Mineral Wool (MiWo)



Type Of Panel	Thickness (mm)	Dimension A + B (mm)	Dimension A or B
SNAP S MiWo	80, 100	min. 800/ max. 3000	min. 400
	120, 150	min. 800/ max. 2500	
	160, 180, 200	min. 800/ max. 2000	
SNAP S PIR	40, 60, 80, 100, 120	min. 800/ max. 4000	
SNAP SU PIR	60, 80, 100	min. 800/ max. 4000	
	120	min. 800/ max. 3000	
SNAP CH PIR	120, 140, 160, 200	min. 800/ max. 3000	



When selecting anti-corrosion protective measures for SNAP Insulated Panels, it is very important to adjust them to the environment/ type of weather where panels are installed. It is necessary to properly recognize and determine the environmental aggressiveness class, the outdoor one (from C2 to C5-M) and the indoor (from A1 to A6).

Acc. to PN-EN ISO 12940, depending on the aggressiveness level, the weather conditions (e.g. salinity, humidity, sulfur dioxide) were divided into classes, from C1 to C5M in case of the outdoor environment and from A1 to A6 for the indoor environments. For environments C1-C3, so called neutral ones, all coats type PE25 are applied, while in such locations as meat processing factories, fish processing factories, fertilizer factories, the designer cooperating with a user stipulates weather conditions on the basis of which the manufacturer can choose proper coatings.

Corrosivity category	
Outdoors	Indoors
C1	A1 Heated buildings, with a clean atmosphere, e.g. offices, stores, schools and hotels.
C2 Low pollution rate environments. Mainly rural areas.	A2 Non-heated buildings, where condensation may occur, e.g. warehouses, sports halls.
C3 Mid pollution rate environments. Mainly urban and industrial areas and near-coastal areas characterized by low salinity.	A3 Production rooms with high humidity and certain air pollution, e.g. foodstuffs plants, laundries, breweries, dairies.
C4 Mid salinity environments. Mainly industrial areas. 10 ÷ 20 km from sea.	A4 Chemicals factories, swimming pools, shipyards.
C5 High humidity rate environments and with aggressive atmosphere. Mainly industrial areas. 0 ÷ 10 km from sea.	A5 Buildings or areas with nearly continuous condensation and high pollution rate.
C5M Near-coastal and sea areas with large salinity.	A6 Buildings or areas with nearly continuous condensation and high pollution rate.

External UV ultraviolet radiation is determined in accordance with EN106169, and in compliance with Ruv1-Ruv4 category. The UV resistance category defines how well a coating retains its original color and gloss when exposed to external conditions. Coatings in the Ruv1 category demonstrate very low resistance, and should only be used indoors, while coatings in the Ruv4 category are highly resistant to UV radiation, and therefore recommended for outdoor use.

UV resistance category	
UV resistance	
Ruv1	Very low
Ruv2	Low
Ruv3	Average
Ruv4	High

In the following table the exemplary anti-corrosion protection of steel sheets for particular environments is determined.

Type of protection against corrosion			SP	SP	PVDF	PVDF+	PEB	PVC(P)	PVC-F
AISI corrosion classification (EN 10328-6)			II	III	III	III	III	III	III
General organic density (EN 13523-1)			10	25	25	35	50	175-200	120-200
Category of corrosion-resistance**			Outdoors - EN 10169-2		RC3	RC3	RC4	RC5	RC5
			Indoors - EN 10169-3		CP2	CP3	CP3	CP4	CP5
Types of outdoor atmosphere / corrosivity category EN 10760-2	Rural - normal	C2							
	Urban and industrial	C3 / C4							
	0-10 km from sea	C3 - M							
	Sea								
	10-20 km from sea	C4							
Types of indoor atmosphere / corrosivity category EN 10760-3	Heavy industrial	C5-I							
	Non-corrosive atmosphere Routine conservation - normal Low humidity	A1 -40°C → 25°C 8% - 40%*							
	Non-corrosive atmosphere Routine conservation - normal Average humidity	A2 0°C → 25°C 40% - 60%*							
	Non-corrosive atmosphere Delicate cleaning High humidity	A3 0°C → 25°C 60% - 80%*							
	Slightly corrosive atmosphere Delicate cleaning Humid (condensation risk)	A4 0°C → 30°C 60% - 80%*							
	Corrosive atmosphere Intensive cleaning Very humid (frequent condensation risk)	A5 0°C → 35°C 80% - 90%*							
	Strongly corrosive atmosphere Very intensive cleaning Saturated (constant condensation risk)	A6 0°C → 40°C 90% - 100%*							
Flexibility									
Resistance to dirt									
Temperature resistance [°C]			+70	+80	+110	+110	+110	+70	+70
UV resistance category (ultraviolet radiation) (EN 13523-1)			-	Ruv3	Ruv4	Ruv4	Ruv4	Ruv2	-

Legend:

unavailable
 Good with exceptions
 Good
 Very good
 Very good with no exceptions

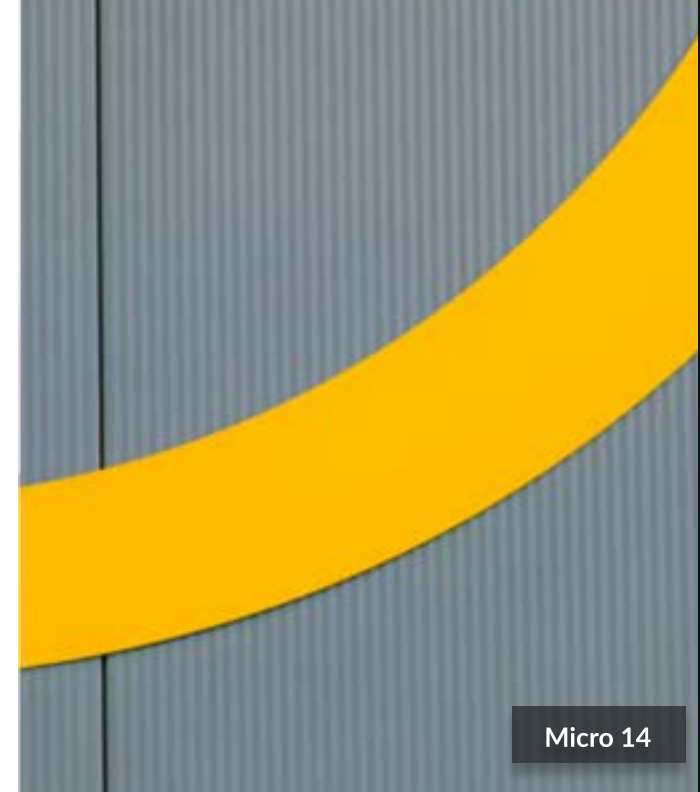
* During cleaning process, the temperature control (mg below the condensation point. Detailed information is provided in the table temperature and the relative humidity in case of packing, the working temperature must be at least 2°C higher than the condensation point.

** The categories of corrosiveness depend on climate conditions inside and outside the building. Standard external climate conditions: C1, C3, C4, C5 (EN 10760-2). Example: C3 external atmosphere - choose the steel-metal sheet with RC3 or RC4 category of corrosiveness.

*** Recommended to be used from the 4th panel and at max. temp. 70°C



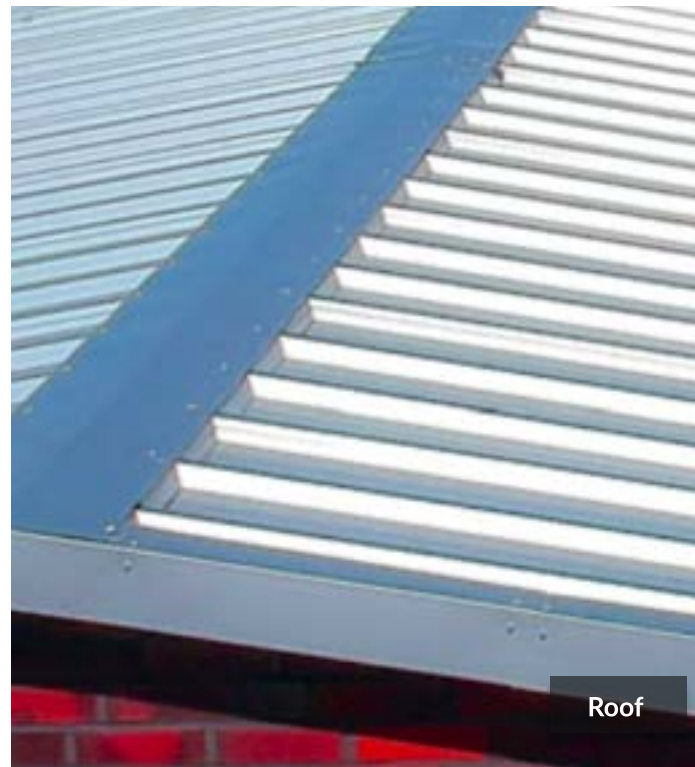
Linear



Micro 14



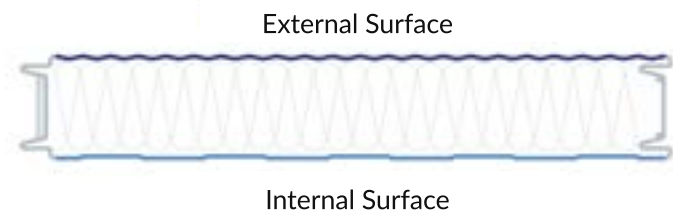
Smooth



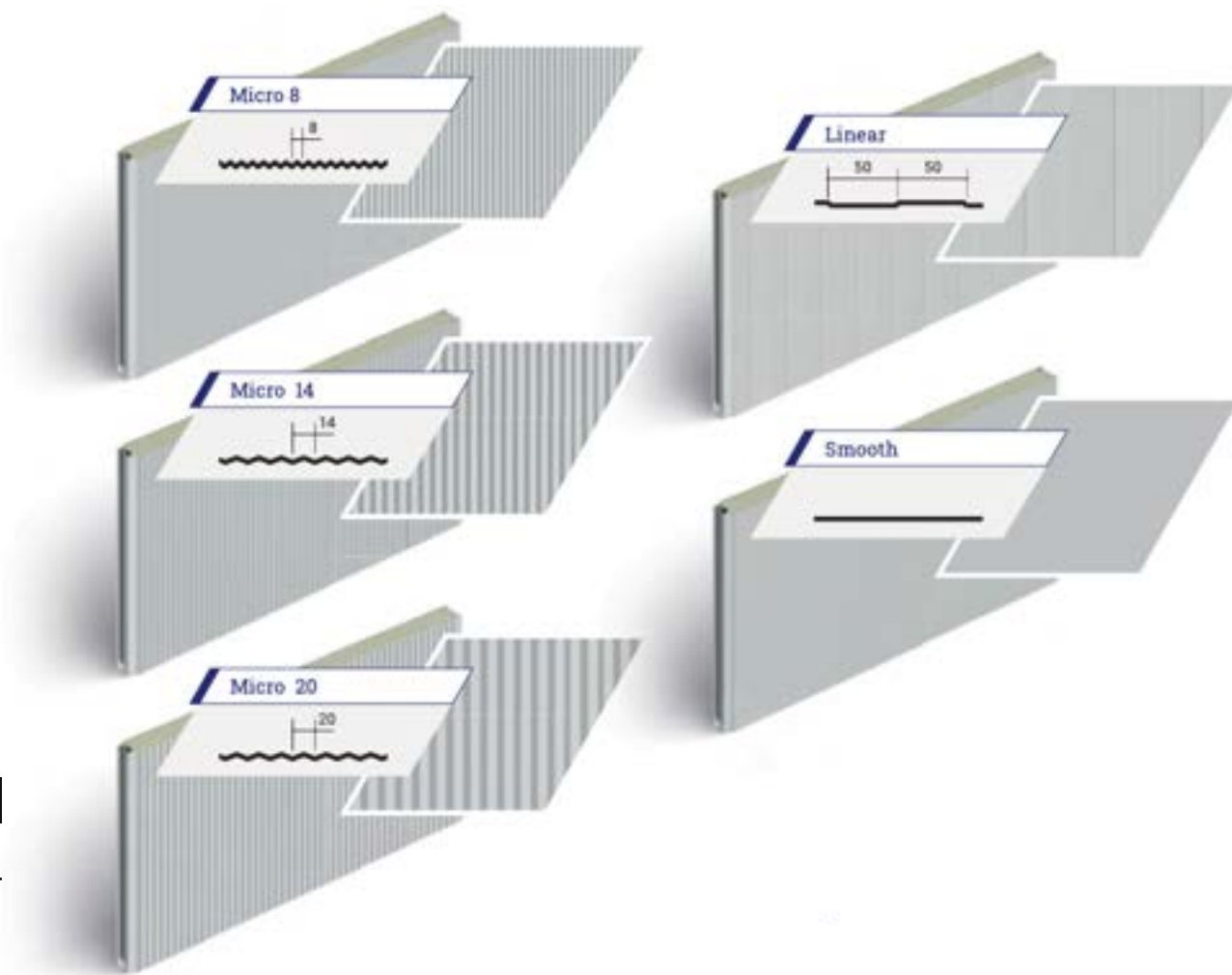
Roof



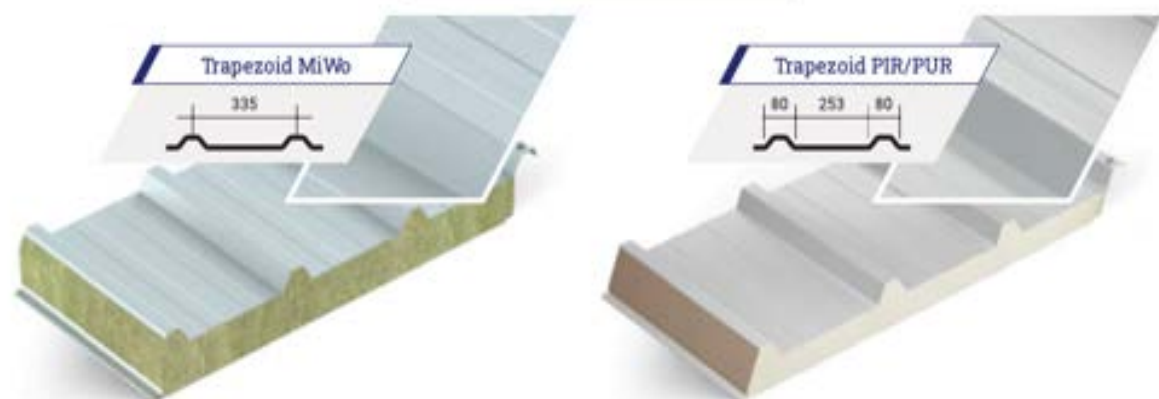
Micro 8



Profile	External Surface	Internal Surface
Linear	Yes	Yes
Smooth	Yes	Yes
Micro 14	Yes	No
Micro 8	Yes	No
Micro 20	No	Yes

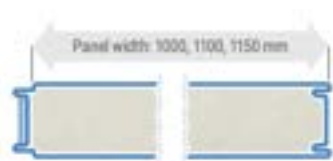


Roof Profile



Panel Thickness (mm)	Weight (kg/m ³)	Heat Transfer Coefficient U _{d,s} [w/m ² *K]	Fire Resistance Class				Proper Acoustic Insulation R _w (C,C _i) [dB]	Sound Absorption α _w
			WG PN-B-02867	PN-EN 13501-1	PN-EN 13501-2	PN-EN 13501-5		

Wall Insulated Panel SNAP S PIR - Standard Fastening System



Available Lengths: 2-18.5 m | Thickness Of Claddings: 0.5/0.5 mm | Core Density: 40 ± 3 kg/m³

40	10	0.58	NRO	B-s1, d0	NPD	N/A	25 (-2;-4)	0.15
60	10.7	0.37			E 15/ EI 15			
80	11.6	0.27			E 20/ EI 20			
100	12.7	0.22			E 30/ EI 30			

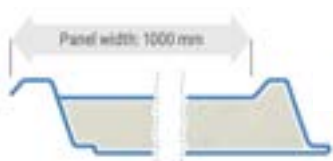
Wall Insulated Panel SNAP SU PIR - Hidden Fastening System



Available Lengths: 2-18.5 m | Thickness Of Claddings: 0.5/ 0.5 mm | Core Density: 40 ± 3 kg/m³

60	11	0.43	NRO	B-s1, d0	NPD	N/A	25 (-2;-4)	0.15
80	11.7	0.29			E 30/ EI 20			
100	12.5	0.23			E 30/ EI 30			
120	13.2	0.19			E 30/ EI 30			

Roof Insulated Panel SNAP D PIR - Standard Fastening System



Available Lengths: 2-18.5 m | Thickness Of Claddings: 0.5/ 0.5 mm | Core Density: 40 ± 3 kg/m³

40/80	10.5	0.53	N/A	B-s2, d0	NPD	Broof (t1)	25 (-1;-4)	0.15
60/100	11.3	0.36			E 30/ EI 20			
80/120	12.1	0.27			E 30/ EI 30			
100/140	12.9	0.22			E 30/ EI 30			
120/160	13.7	0.18			E 30/ EI 30			

Cold Storage Insulated Panel SNAP CH PIR - Labyrinth Fastening System

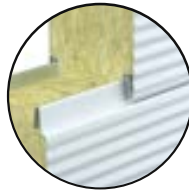


Available Lengths: 2-18.5 m | Thickness Of Claddings: 0.5/ 0.5 mm | Core Density: 40 ± 3 kg/m³

120	13.1	0.17*	NRO	B-s1, d0	E 30/ EI 30	N/A	24 (-2;-4)	0.15
140	13.8	0.15*			E 30/ EI 30			
160	14.5	0.13*			E 30/ EI 30			
200	15.9	0.10*			E 60/ EI 45			

Panel Thickness (mm)	Weight (kg/m ³)	Heat Transfer Coefficient U _{0,5} [W/m ² *K]	Fire Resistance Class				Proper Acoustic Insulation R _w (C, C _i) [dB]	Sound Absorption a _w
			WG PN-B-02867	PN-EN 13501-1	PN-EN 13501-2	PN-EN 13501-5		

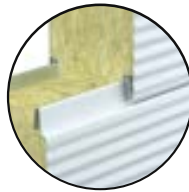
Wall Insulated Panel SNAP S MiWo - Standard Fastening System



Available Lengths: 2-14.5 m | Thickness Of Claddings: 0.6/0.5 mm | Core Density: 105 ± 10 kg/m³

80	18.4	0.48	NRO	A2-s1, d0	E 60/ EI 60	N/A	30 (-1;-2)	0.15
100	20.2	0.39			E 120/EI 60		32 (-1;-3)	
120	22.0	0.32			E 120/ EI 120			
150	24.8	0.26			E 240/ EI 240		32 (-2;-4)	
160	25.7	0.25					32 (-3;-5)	
180	27.5	0.22					31 (-1;-3)	
200	29.3	0.20						
220**	31.1	0.18						

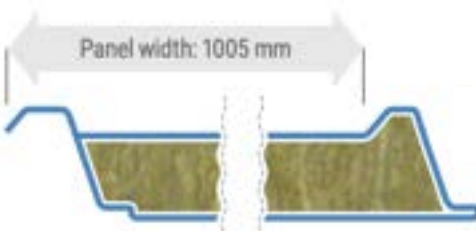
Wall Insulated Panel SNAP S MiWo XL - Standard Fastening System



Available Lengths: 2-14.5 m | Thickness Of Claddings: 0.6/0.5 mm | Core Density: 115 ± 10 kg/m³

100	21.2	0.40	NRO	A2-s1, d0	E 120/ EI 60	N/A	31 (-1;-3)	0.15
120	22.9	0.33			E 120/EI 120			
150	25.5	0.27			E 240/ EI 240			
160	26.4	0.26						
180	28.1	0.22						
200	29.8	0.20						

Roof Insulated Panel SNAP D MiWo - Standard Fastening System



Available Lengths: 2-14.5 m | Thickness Of Claddings: 0.6/0.5 mm | Core Density: 105 ± 10 kg/m³

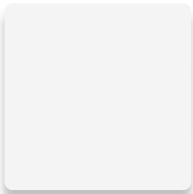
80/120	19.1	0.48	N/A	A2-s1, d0	NPD	Broof(t1)	30 (-1;-3)	0.20
100/140	20.9	0.39			RE 120/ REI 90			
120/160	23.4	0.32						
150/190	26.2	0.26						
160/200	27.3	0.24						
180/220	29.3	0.22						
200/240	31.3	0.20						
220/260**	33.4	0.18						

SMP

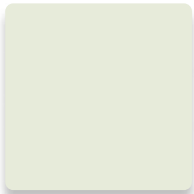
SILICONE-MODIFIED POLYESTER



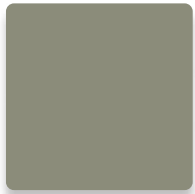
Pure White
RAL # 9010



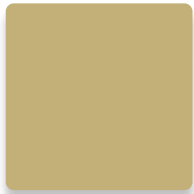
Traffic White
RAL # 9016



Grey White
RAL # 9002



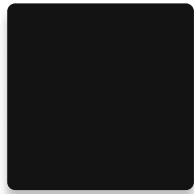
Stone Grey
RAL # 7030



Beige
RAL # 1001

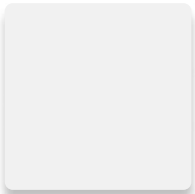


Gentian Blue
RAL # 5017

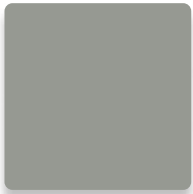


Black
RAL # 8022

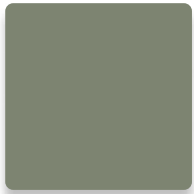
PVDF



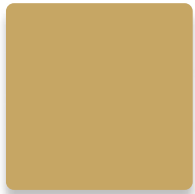
Signal White
RAL # 9003



Signal Grey
RAL # 7004



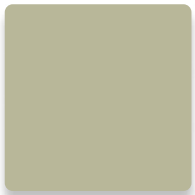
Cement Grey
RAL # 7033



Sand Yellow
RAL # 1002



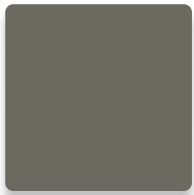
Pastel Orange
RAL # 2004



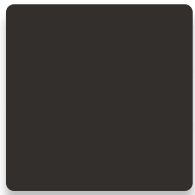
Pebble Grey
RAL # 7032



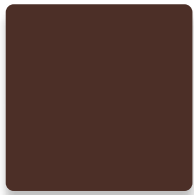
Traffic Grey
RAL # 7043



Quartz Grey
RAL # 7039



Umbra Grey
RAL # 7022

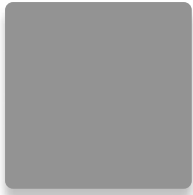


Mahogany Brown
RAL # 8016



PREMIUM SELECTS

METALLIC



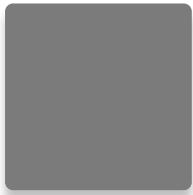
White Aluminum
RAL # 9006



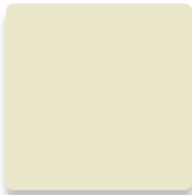
Zeus
RAL # 7034



Ariana
RAL # 8008



Grey Aluminum
RAL # 9007

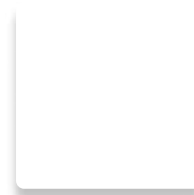


Oyster White
RAL # 1013

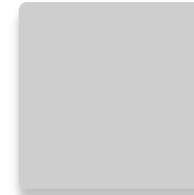


Ephyra
RAL # 7013

INTERIOR

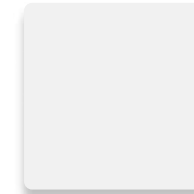


Pure White
RAL # 9010

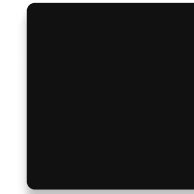


Papyrus White
RAL # 7035

SPECIALIZED



Signal White
RAL # 9003



Traffic Black
RAL # 9017

Gauges Available:
22ga, 24ga, and 25ga

The optimized Galvalloy™ metallic coating (95% zinc (Zn) and 5% aluminum (Al)) provides ultimate corrosion resistance and cut-edge protection.





SNAP Insulated Panels is not responsible for any differences between the content of technical catalog and the real product parameters.

The producer reserves the right to implement changes and modifications to the content without prior notice.

Pursuant to the Civil Code, the content of the product card does not constitute a commercial offer.

CONTACT US:



+1 (647) 696-4528



info@snapinsulatedpanels.com



snapinsulatedpanels.com



7030 Woodbine Avenue, Suite 500

Markham, ON

L3R 6G2

