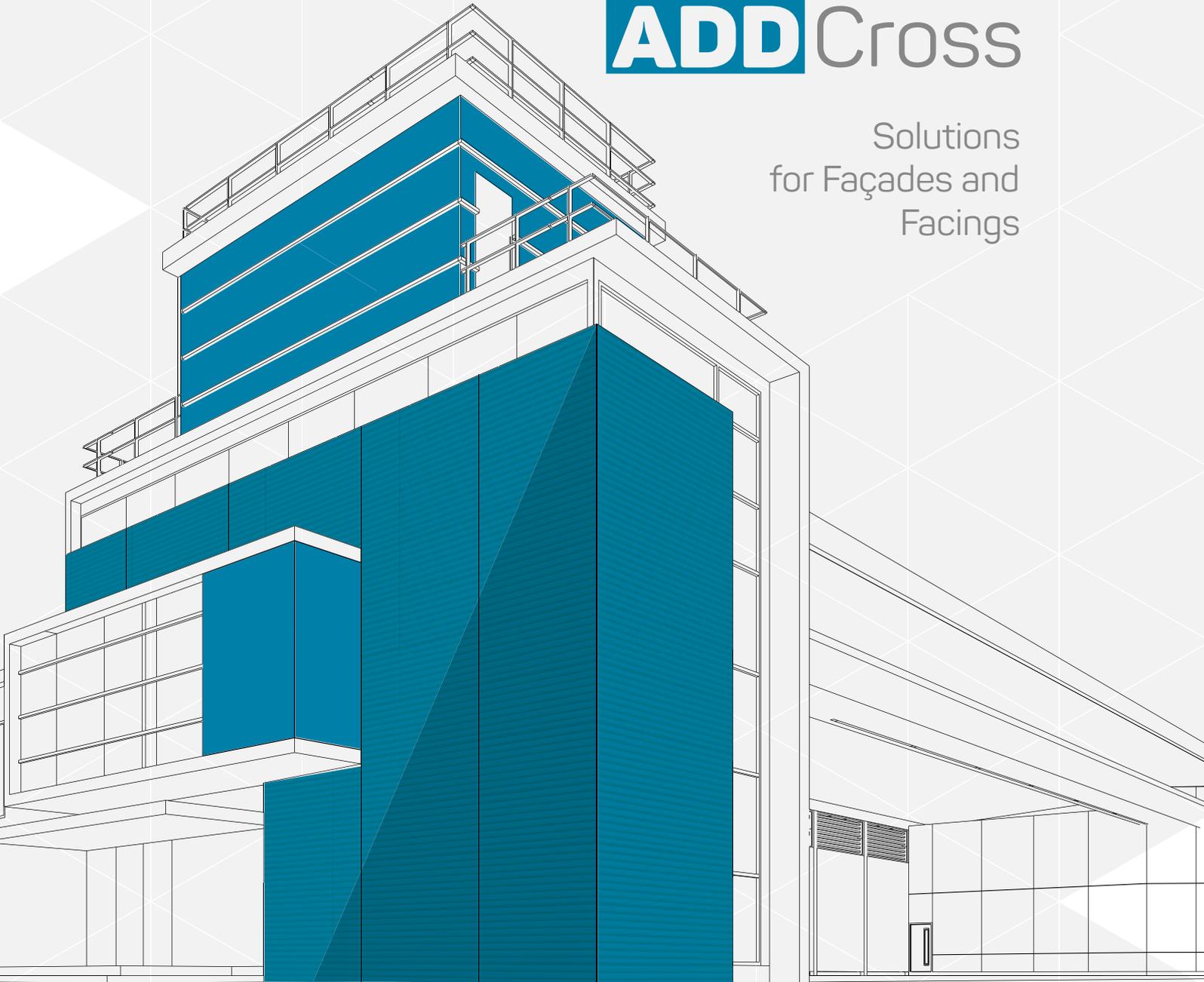


ADD Vision

&

ADD Cross

Solutions
for Façades and
Facings



WORLDWIDE LEADERS

40

YEARS OF EXPERIENCE

4.205

CUSTOMERS PER YEAR

6

COMPANIES

9

PRODUCTION AND
COMMERCIAL FACILITIES

629

EMPLOYEES
THROUGHOUT THE WORLD

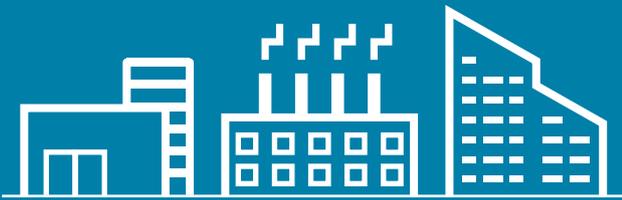
100%

ITALIAN DESIGN

298

MILLION EUROS
TURNOVER

MORE VALUE FOR YOUR PROJECT



A SOLUTION FOR EVERY NEED

thermal and sound insulation, sturdiness, airtightness, fire resistance; in addition to high technology and creative freedom. With the widest range of insulated panels for walls and roofs, Isopan is able to meet every need: aesthetic, functional and productive for any type of building.



MORE EFFICIENCY

The competence of a team of constantly updated professionals and highly specialised technicians will guide you in choosing the solution most suited for the thermal insulation of your building.



GREATER INNOVATION

Proven knowledge of the market, in-depth research on materials, continuous updates on the main trends of the sector and on reference standards allow us to create cutting-edge solutions with an innovative design which combine aesthetics and functionality.



GREATER QUALITY

The quality certification is Isopan's first commitment towards its customers. We only make use of selected suppliers, capable of assuring materials of proven reliability in full compliance with international regulations.



GREATER SAFETY

Thanks to their specific technical specifications, Isopan panels contribute to protecting buildings against fire, preventing it from spreading and limiting its extension (passive protection).



GREATER SUSTAINABILITY

Isopan promotes sustainable construction by providing solutions for building redevelopment, reducing consumption and increasing energy and resource savings. Our panels contribute to obtaining the BREEAM® and LEED certification for buildings and are manufactured in plants powered by renewable energy sources.



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ADDMIRA

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ADDVision

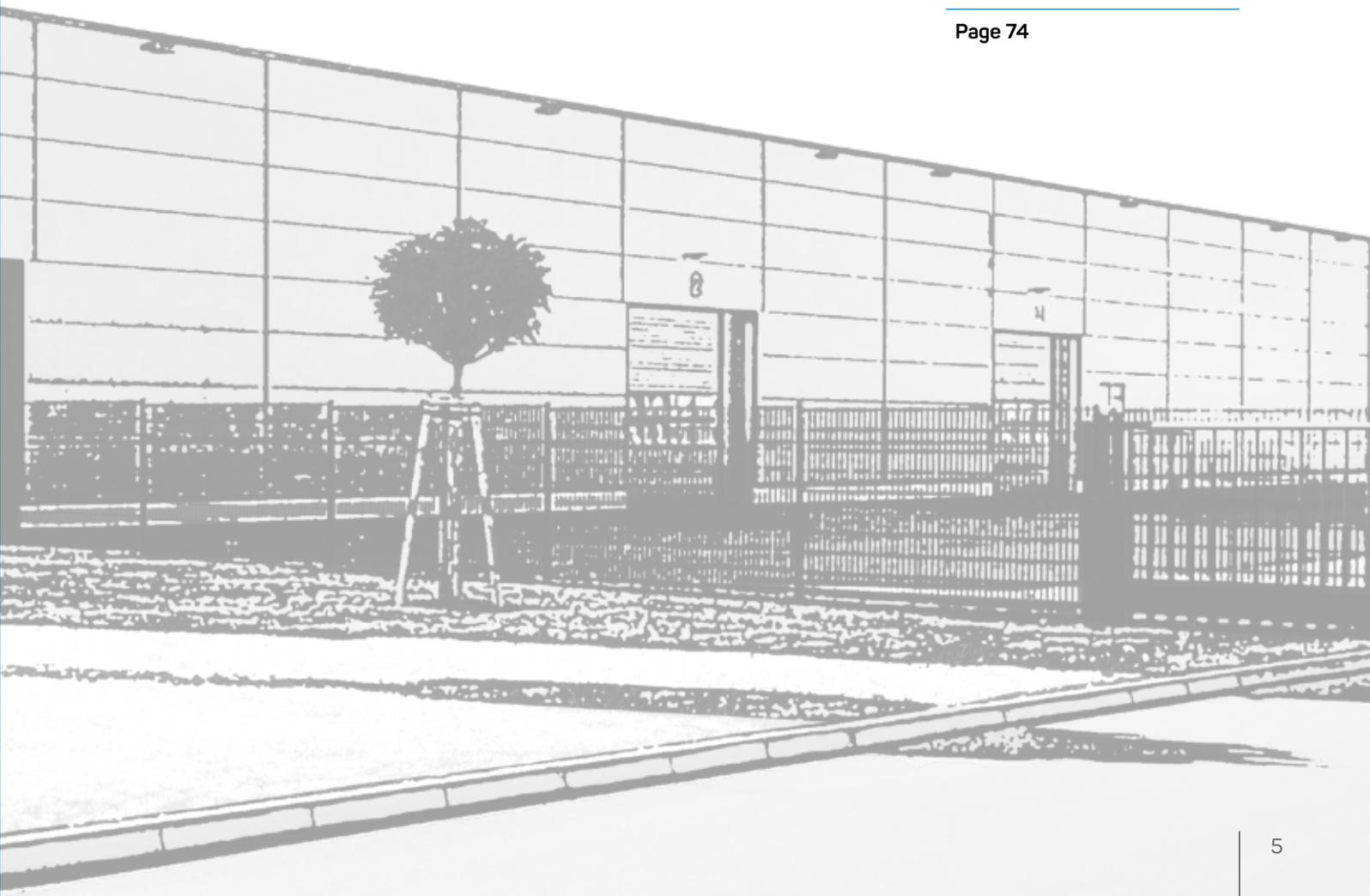
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Accessories

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ADDCross

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ADDMIRA

ADDMIRA by Isopan represents the range of products and solutions dedicated to the world of architecture and the design of building façades.

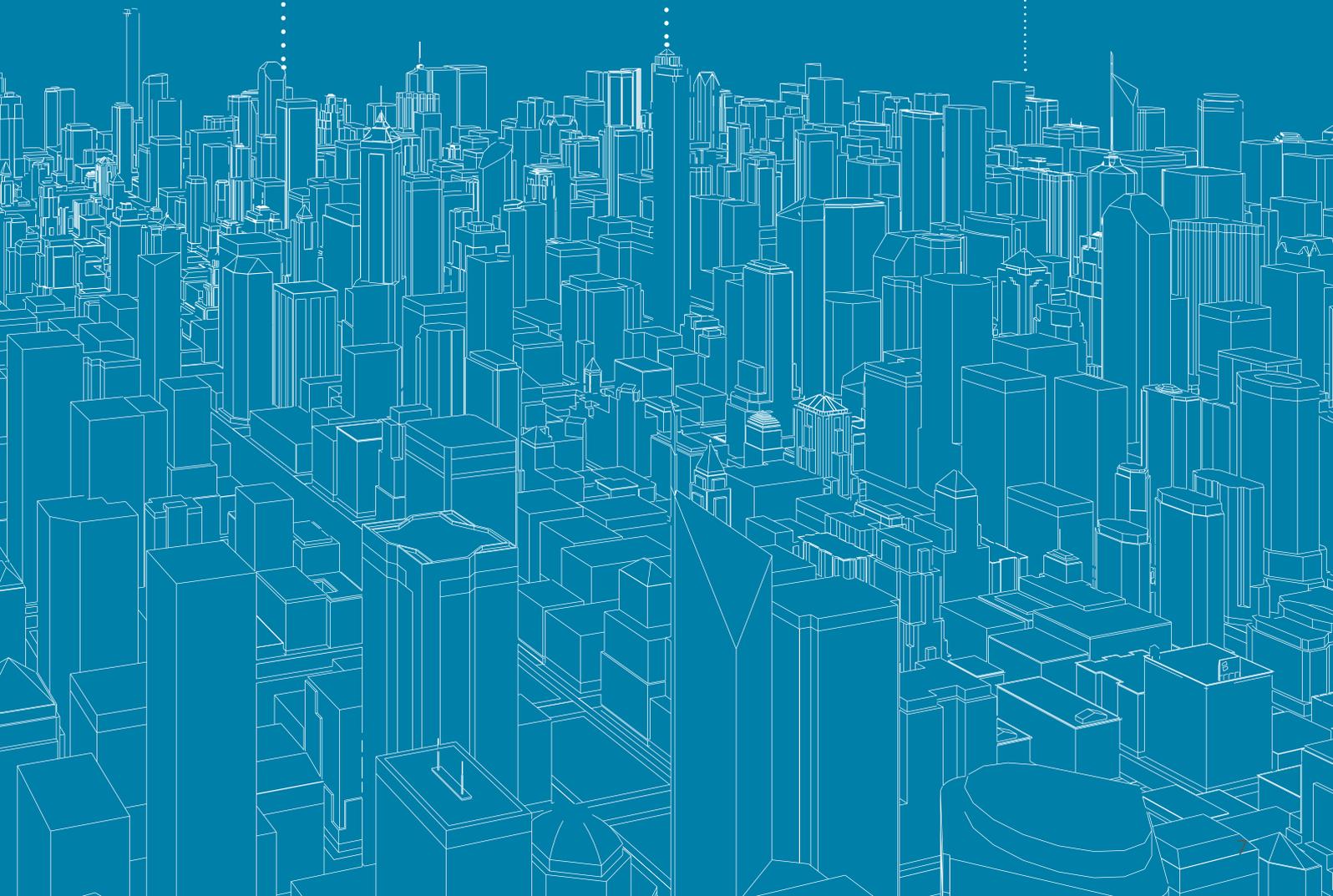
Thanks to **ADDMIRA** systems each project finds new merging points between technology, innovation and creativity, thanks to the variety of proposals for both the world of prefabrication as well as systems for on-site assembly.

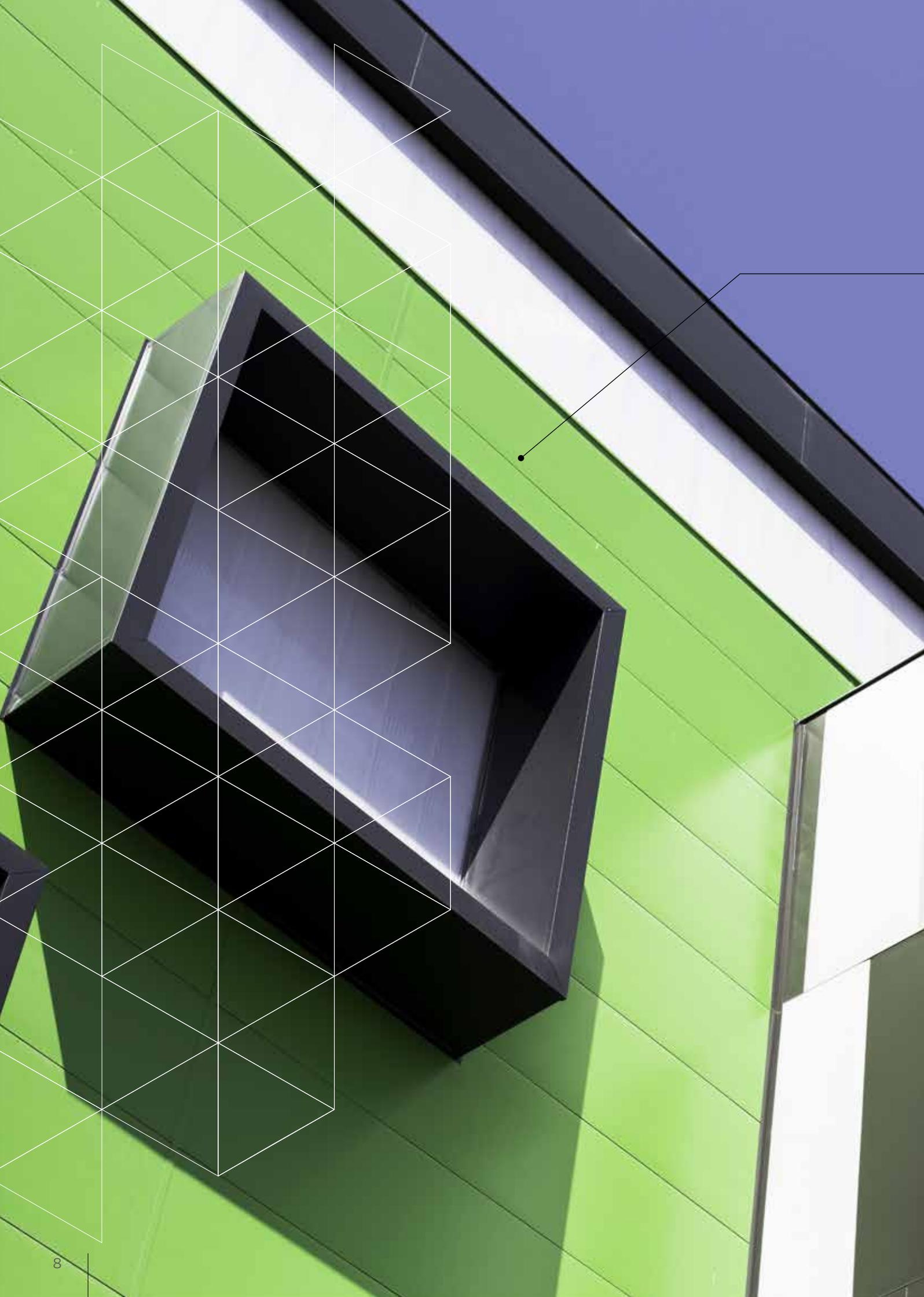


ADD Vision

ADD Cross

ADD Wind





ADDVision & **ADD**Cross Insulating Sandwich Panels

FREEDOM OF DESIGN

Thanks to the variety of the Product Range and to the possibility of customisation, Isopan is able to provide solutions that are adaptable to any type of project, satisfying the most diverse aesthetic and communication needs.

INSULATION AND PROTECTION

Isopan provides systems and solutions developed over many years of experience, internationally, capable of tackling to most varied design and technology-related needs.

QUALITY AND CERTIFICATIONS

The quality in the Finished product and in the production processes represents one of Isopan's strong points, towards continuous improvement and standardisation according to national and international regulations.

ADD Vision

QUICK INSTALLATION AND LIGHTWEIGHT

The light weight of the products provides speed and simplicity during transport, handling and installation. They are also systems that can be applied to any type of loading bearing structure; from reinforced concrete pillars to metal or wooden structures.

DESIGN

Each product can be configured according to the Customer's needs. The possibility of choosing surface finishes, colours and length, width and thickness modules offers great flexibility of design.

The ADDVision range includes solutions for walls and façades made with sandwich panels, with polyurethane or mineral wool insulating core.

Made-to-measure products



A broad range of colours, surface finishes and metal facings, combined with great production and dimensional flexibility, make the ADDVision range a polyvalent solution.

Thermal insulation and protection



The insulating mass can be made of polyurethane foam or mineral wool, so as to combine thermal and acoustic insulation and safety against fire

Safety against fire



The use of safe materials against fire make it possible to achieve high safety performance in case of fire.

Performance and sustainability



High energy performance makes it possible to achieve lower building management costs. With the safety of sustainable products that are, what's more, safe for the environment.

ADD Cross

The ADDCross range includes innovative solutions for the façades of existing buildings or new builds. The advantages of sandwich panels are founded on the elegance of specific facings applied through offsite operations.

ADD more SURFACE DESIGN

Realistic surface finishes



The materials used for surface facings can have various types of finishes, realistic and sleek

Freedom of choice

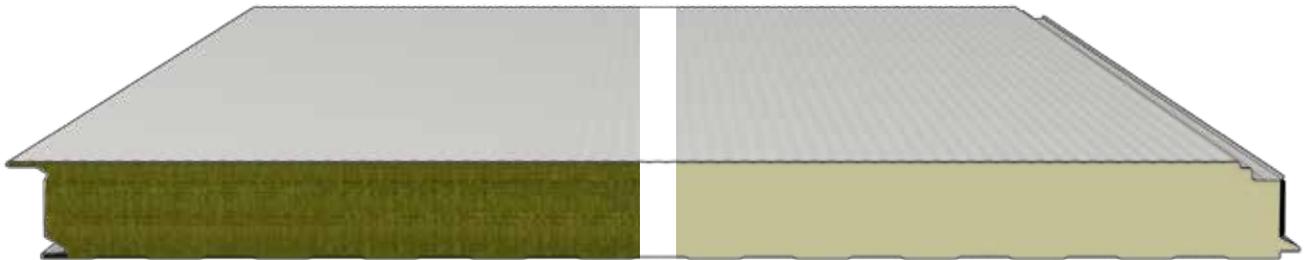
The ADDCross solution entails the application of a factory-cladded sandwich panel with various types of surface layers:

- ▶ Hpl
- ▶ Gres
- ▶ Synthetic films
- ▶ Fibre cement
- ▶ Cork-based facings



Insulation and protection

MINERAL ROCK WOOL POLYURETHANE FOAM



Mineral wool insulators ensure excellent heat-insulating and sound-absorbing characteristics, while the fire-retardant properties of the material prevent excessive heat from affecting the structure.

High density, closed-cell polyurethane foams. Foaming agent used N-pentane (in accordance with the Montreal protocol).



Leaf

Thanks to its excellent insulation performance, **LEAF** technology is particularly suitable for **wall and façade** systems.

UP TO 20% LESS HEAT LOSS

With a view of maximising thermal performance for the increasingly demanding reference regulations and standards, Isopan has worked to innovate production processes and use new generation formulas. The LEAF solution improves the thermal performance of the insulating material, in particular it lowers the thermal conductivity value of the polyurethane foam. Therefore, with the same thickness, it is possible to achieve lower thermal transmittance than a standard product. This technical improvement can result in a reduction of heat loss due to the building envelope up to 20%.

Leader in the production of sandwich panels, Isopan has developed a range of technologies, products and accessories suitable for any use. Isopan sandwich panels are manufactured by using continuous line production plants. This translates into optimising the time and costs required for even large orders.

The large selection of usable metal sheets also allows us to obtain durable products suitable for any type of application, from foodstuff storage rooms to processing rooms and clean rooms. Another key factor is the focus on sustainability, made possible thanks to the implementation of low energy consumption production technologies and the use of renewable energy sources.

Thanks to the **Leaf** Technology, Isopan is able to provide a cutting-edge and environmentally friendly insulating product, with high insulating performance and safe in the event of a fire, without the use of halogenated flame retardants.



Greater comfort
less costs



Tangible
sustainability



Greater
fire safety



Quality and Certifications

QUALITY AND REFERENCE STANDARDS

Isopan companies are ISO 9001 certified and the technical compliance of the products is assured according to the standards required by the reference markets.



CERTIFIED PERFORMANCE

WATER PERMEABILITY

Isopan panels have been tested and certified as required by EN standards 12865:2003 and 14509:2006. All certificates have been obtained through tests carried out at Certified Bodies and internationally recognised.



AIR PERMEABILITY

Isopan panels have been tested and certified as required by EN standards 12114:2000, EN 14509:2006 + A.C.2008. All certificates have been obtained through tests carried out at Certified Bodies and internationally recognised.



BEHAVIOUR IN CASE OF FIRE

Isopan panels, thanks to their technical specifications, help to protect buildings against fires, limiting their spread and consequent damage to structures. Isopan panels offer the best reaction to fire performance obtainable on the market (tested in accordance with EN standards 14509 and 13501).



FM-Approved PRODUCTS

The sandwich panels awarded with the FM approval have been tested to guarantee the performance of their intended functions, maintaining the building envelope integrity as per the stated design conditions.

FM Approvals is the only organisation that tests products for fire performance as well as their ability to withstand natural hazard events without compromising the building structure.

The following Isopan sandwich panels are awarded with the FM approval:

ISOBOX-FM

ISOFROZEN-FM

ISOPARETE-FM

ISOCOP-FM

ISOFIRE WALL-FM

ISOFIRE WALL PLISSÈ-FM

ISOFIRE ROOF-FM



SUSTAINABILITY

Isopan promotes environmental sustainability by adapting to the most recent reference production standards. An example of this is the contribution of Isopan products to obtaining credits for environmental sustainability ratings such as LEED and BREEAM, in addition to the certified Environmental Product Declaration EPD (Environmental Product Declaration).

Isopan is increasingly committed to achieving the strictest requirements in terms of environmental procurement policies (Green Procurement) as a company commitment to the environmental sustainability of its products.

Thanks to the LEAF technology, Isopan is even more effective in regards to sustainability and respecting the environment, through the use of formulations with high performance in terms of fire behaviour, without using halogenated flame retardants. Furthermore, the excellent insulating performance of LEAF enable to lower energy costs with a consequent reduction in CO2 emissions.



All-round training

ISOPAN
ACADEMY

ADD more Information Technology

The Arkwall system is the Isopan solution for the world of ventilated architectural façades. The variety of technological and architectural solutions are such that the systems can be applied to any type of building, in terms of both performance as well as aesthetics of the design.



INSTALLATION TECHNICIANS

The correct installation of the systems for façades is a crucial factor in the realisation of the works. For this reason Isopan spreads its experience through training events dedicated to the installation technicians working on site. Qualified Isopan personnel will be at disposal to illustrate the assembly methods of the various construction elements through theoretical notions and hands-on practice.



DESIGN ENGINEERS

The ARKWALL world includes solutions that apply to various types of buildings and projects, and the correct design takes on an increasingly important role in the life cycle of a building. This is why Isopan promotes the Systems through information and training activities for industry Professionals such as Architects, Designers, Engineers and Installation Technicians.



GENERAL CONTRACTORS

The prefabrication of the construction elements makes ARKWALL a suitable solution for the world of large projects and General Contractors. Isopan's training and consultation activities can guide you through the identification of the most suitable solution for every type of intervention, thanks to its production and technical-logistic network.





ADD Vision



Product Overview

Page 20

Design and Modules

Page 21

Polyurethane Panels

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Mineral Wool Panels

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Metal Facings

Page 40

ADDVision

Freedom of design

Isopan's range of Sandwich Panels for walls includes a vast variety of products, suitable for almost any type of project and construction.

PERFORMANCE

The insulating core ensures high performance in terms of thermal insulation, and thanks to the great dimensional stability, performance remains constant over time.

ARCHITECTURAL FLEXIBILITY

The range offers a choice of different, yet mutually compatible, modular widths. This means great flexibility in terms of dimensions and achievable architectural regularity.

PREFABRICATION AND MODULARITY

ADDVision products are distinguished by a great modular and geometric aspect.

The prefabrication of the elements makes ADDVision a valid solution in the world of industrial and production building.



QUICK INSTALLATION AND LIGHTWEIGHT

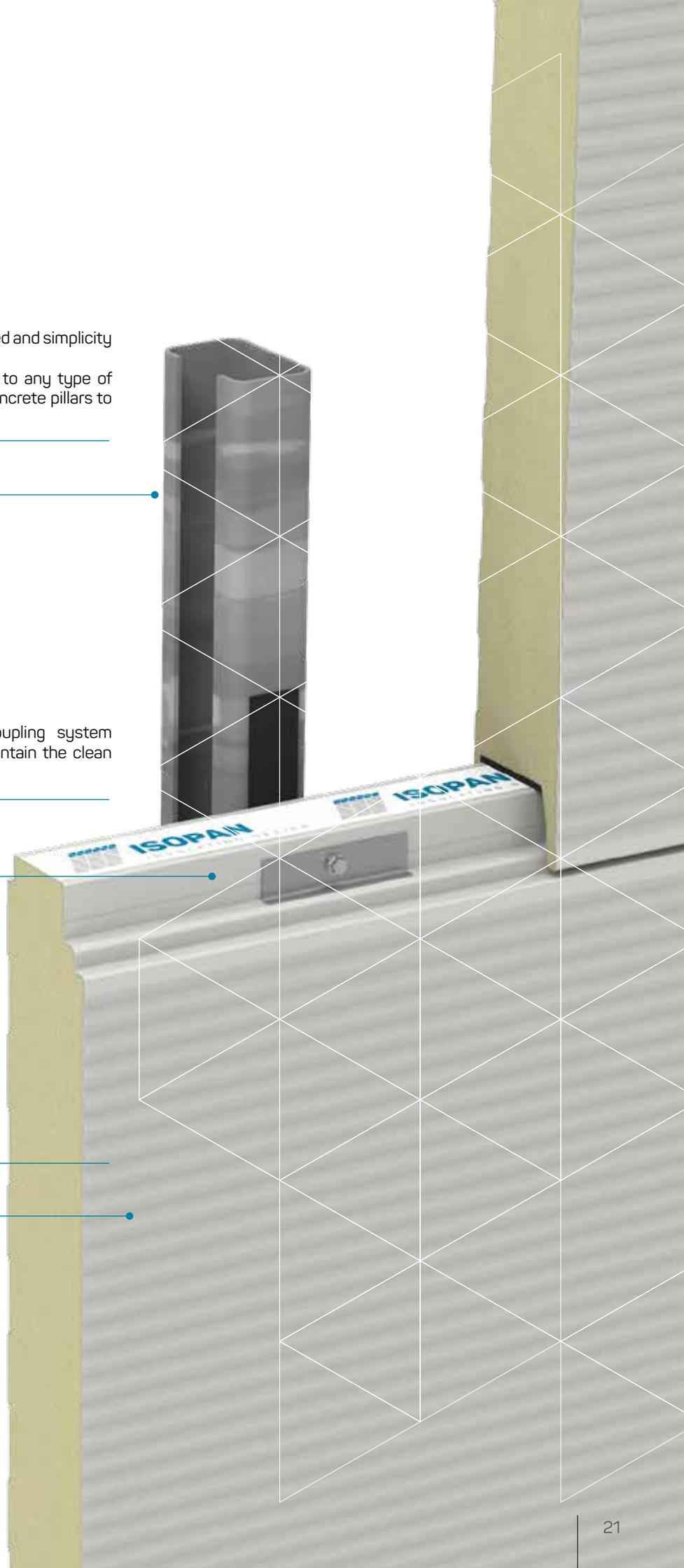
The light weight of the products provides speed and simplicity during transport, handling and installation. They are also systems that can be applied to any type of loading bearing structure; from reinforced concrete pillars to metal or wooden structures.

COUPLING WITH CONCEALED FASTENINGS

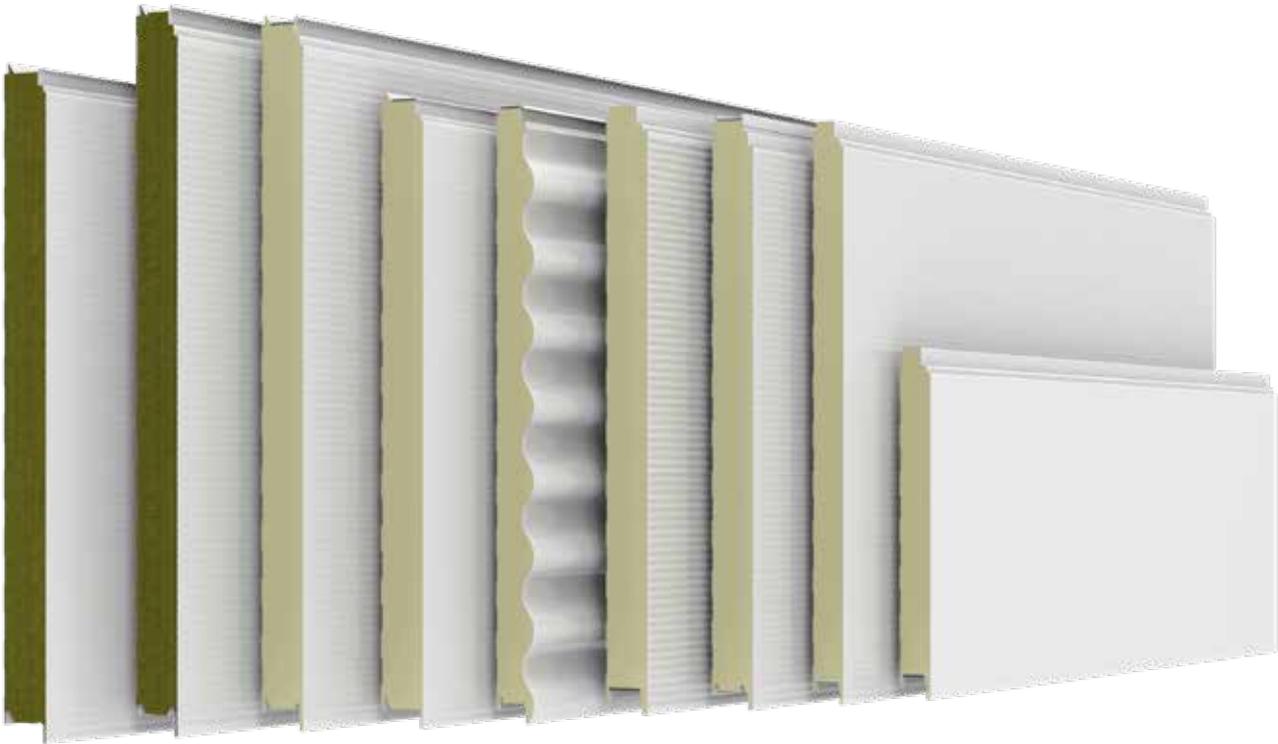
The configuration of the male-female coupling system conceals the fastening screws so as to maintain the clean look and aesthetics of the façade

DESIGN

Each product can be configured according to the Customer's needs. The possibility of choosing surface finishes, colours and length, width and thickness modules offers great flexibility of design.



Product Overview



VALUE FOR THE CUSTOMER

Residential

Thanks to the great number of available finishes and colours, all of the products can be used for any type of residential building. Plus the materials are non-toxic and safe.



Commercial

Design and performance make the panels in the isoparete range a valid solution for the construction of large commercial, buildings, offices and logistic centres.



Industrial

The speed and simplicity of assembly are crucial factors in the realisation of large production hubs.



Plant and livestock farming

The use of special metal facings makes it possible to use products in environments characterised by the presence of aggressive chemical substances as well.



VALUES OF THE PRODUCT

Made-to-measure products



A broad range of colours, surface finishes and metal facings, combined with great production and dimensional flexibility, make the isoparete range a polyvalent solution.

Thermal insulation and protection



The insulating mass can be made of polyurethane foam or mineral wool, so as to combine thermal and acoustic insulation and safety against fire

Safety against fire



The use of safe materials against fire make it possible to achieve high safety performance in case of fire.

Performance and sustainability



High energy performance makes it possible to achieve lower building management costs. With the safety of sustainable products that are, what's more, safe for the environment.

Design and Module

Isopan proposes a broad choice of products, each of which can be configured based on the dimensional and aesthetic needs.

Depending on the selected product and the desired aesthetic effect, there are various types of profile for the metal facings.

Profiles for exterior finish

1 DT finish

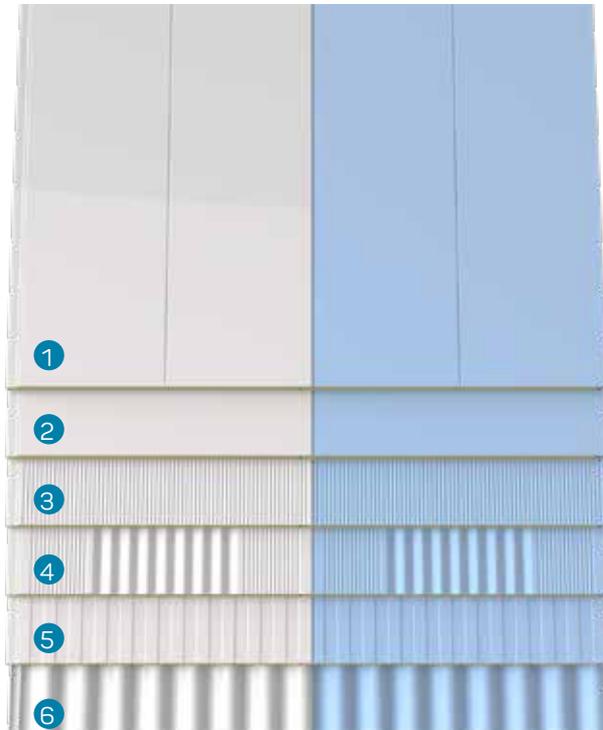
2 PIANO finish

3 PLISSÉ finish

4 DOUBLE / RO finish

5 BOX finish

6 CLASS finish



Insulation	Products					
Polyurethane	Isoparete PLUS2	Isoparete ⁽¹⁾	Isoparete EVO	Isoparete ⁽²⁾	Isoparete ⁽³⁾	Isoclass
Mineral Wool	-	-	-	Isofire Wall Plissé	Isoparete Fire	-

Exterior Metal Sheet Profiles

DT	●	○	○	○	○	○
PIANO *	●	●	●	●	●	○
PLISSÉ	●	●	●	●	●	○
DOUBLE / RO	●	○	●	○	○	○
BOX *	●	●	●	●	●	○
CLASS	○	○	○	○	○	●

* Profiles that can also be used for the profiles of interior sheeting.

Check the producibility of Isoparete articles (1), (2), (3) at the reference Isopan production Site

Panel module

600 mm	○	●	○	○	○	○
1000 mm	●	●	●	●	●	●
1100 mm	○	○	○	○	●	○



For technical information on panel usage and for the technical specifications of each product, please consult the Technical Manual available on the website www.isopan.com.

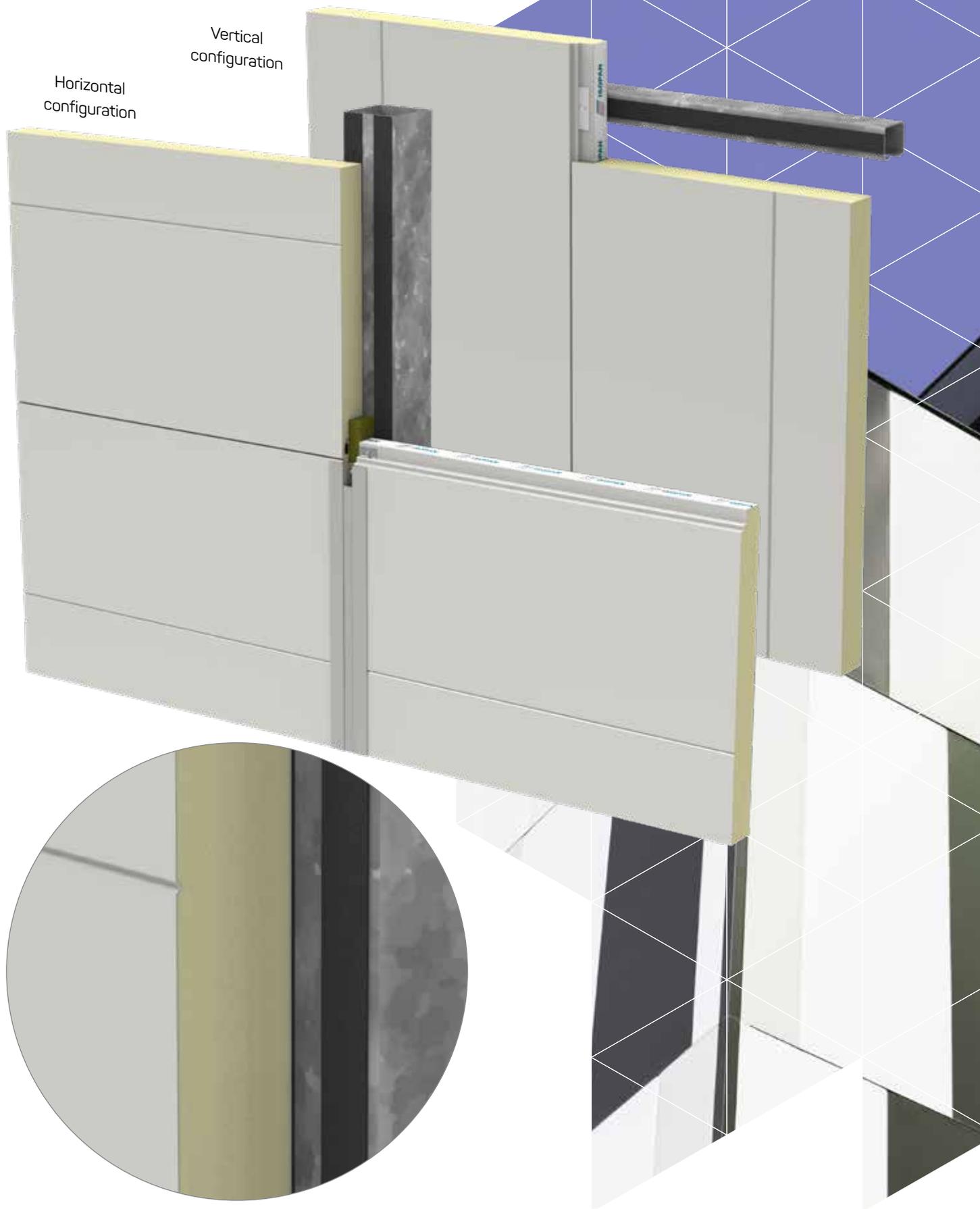
Horizontal Configuration



Vertical Configuration

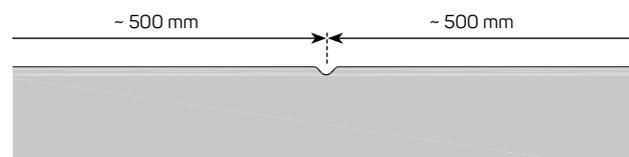


DT profile (Slat - Piano)



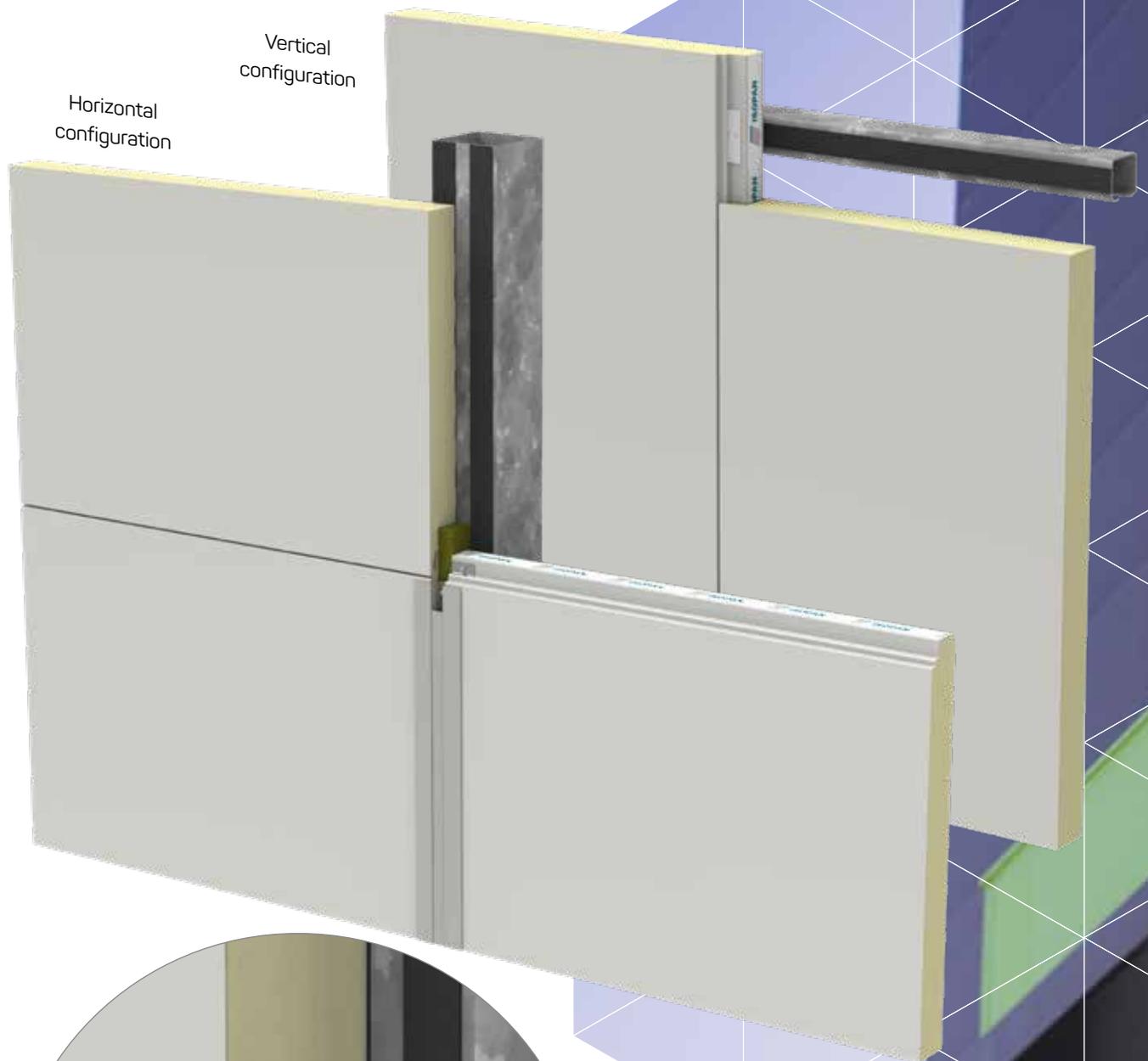
DT profile (Slat - Piano)

Aesthetic finish distinguished by the use of a smooth profile with a **single longitudinal inward groove in the centre of the panel module**.
 Applicable on the exterior side of the panels in the ADDVision range with polyurethane insulation.



Panel module [mm]			Insulation	
600	1000	1100	PU	MW
	●		●	

Piano Profile



Piano Profile

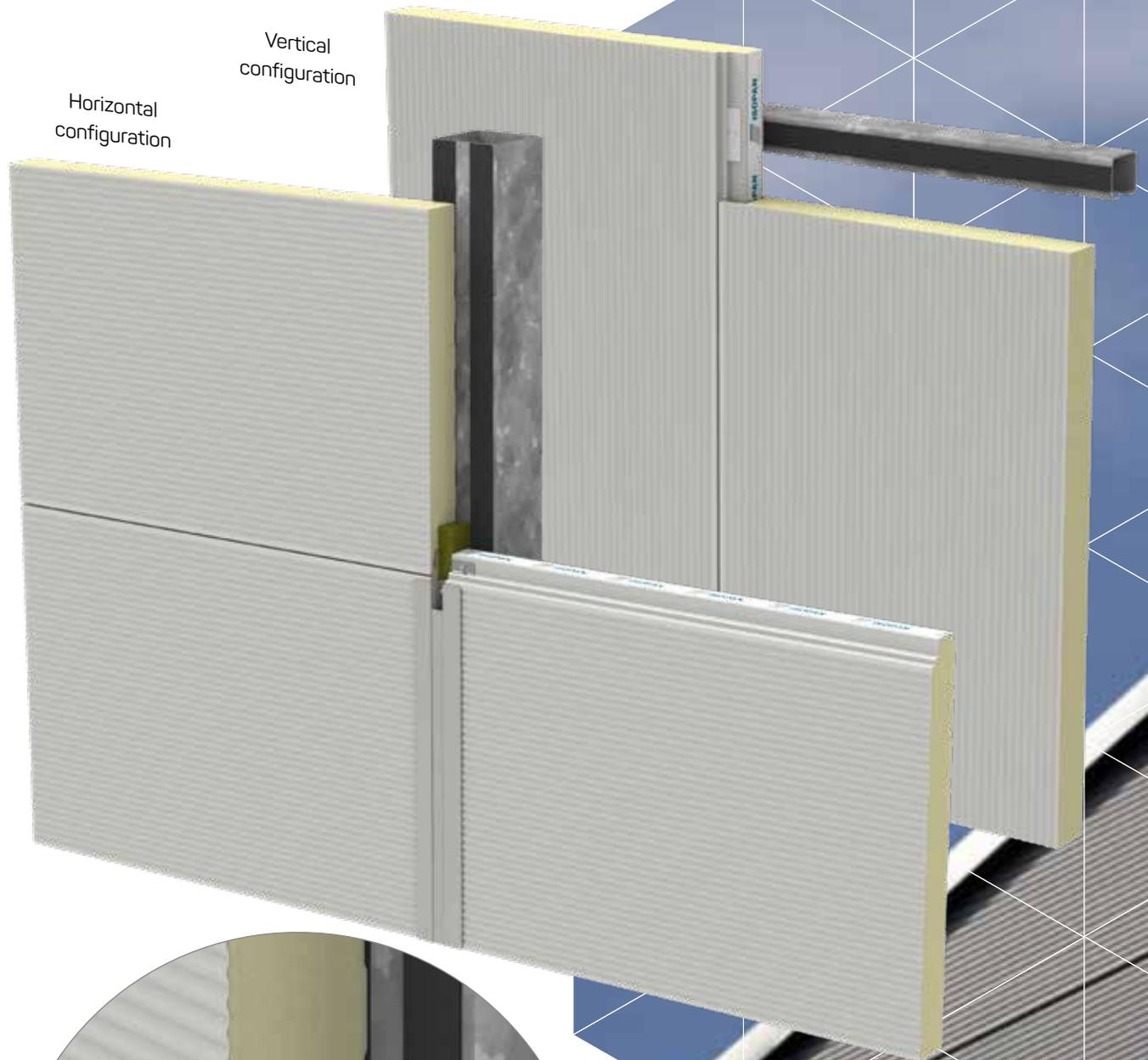
Aesthetic finish distinguished by the use of uniform **smooth** profile. Applicable on the exterior side or interior side of the panels in the ADDVision range with either polyurethane or mineral wool insulation.

Smooth profile



Panel module [mm]			Insulation	
600	1000	1100	PU	MW
●	●	●	●	●

Plissé Profile



Plissé Profile

Aesthetic finish distinguished by the use of **micro-ribbed**, uniform profile with high aesthetic value.

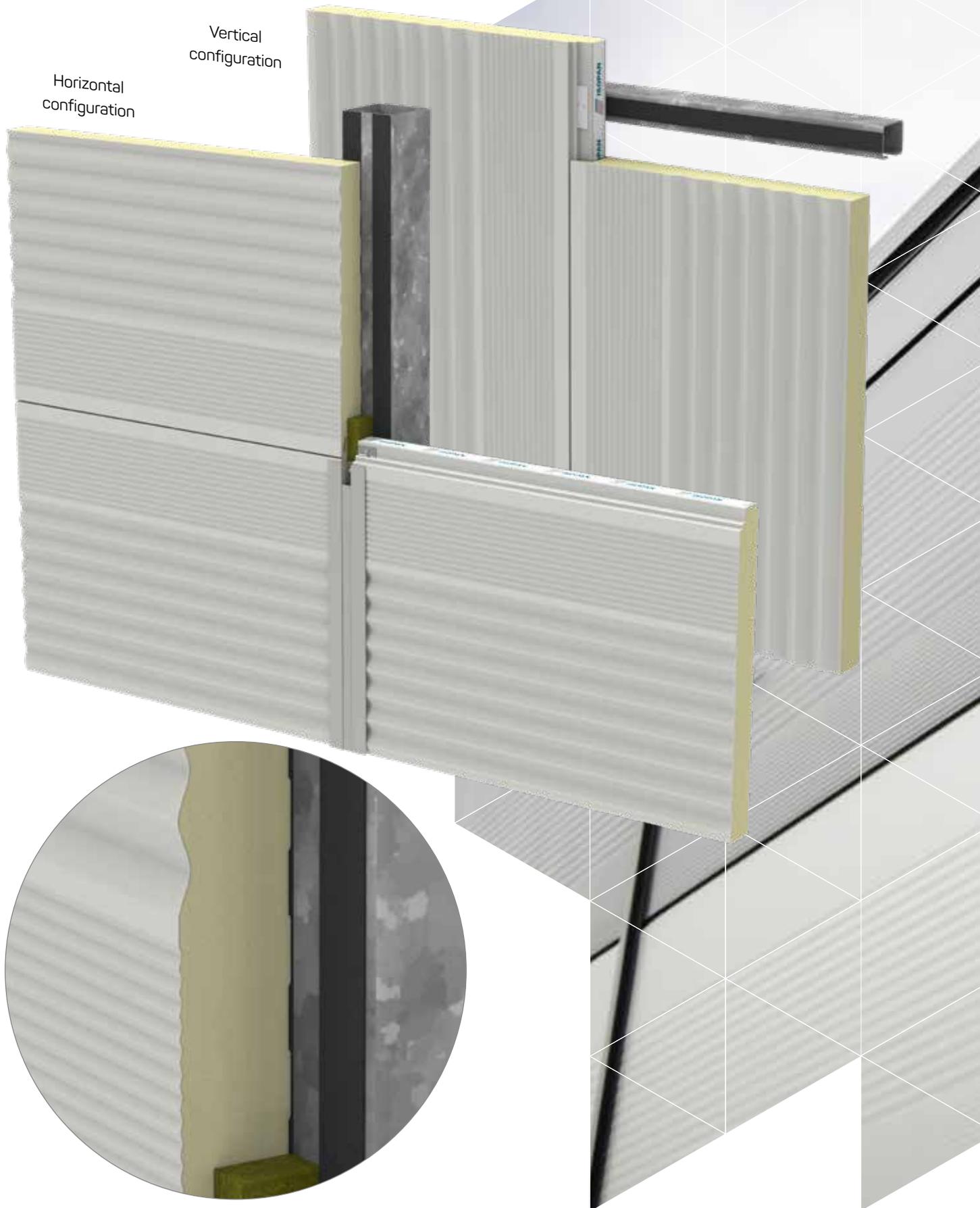
Applicable on the exterior side of the panels in the ADDVision range with polyurethane or mineral wool insulation.

~ 15mm



Panel module [mm]			Insulation	
600	1000	1100	PU	MW
●	●	●	●	●

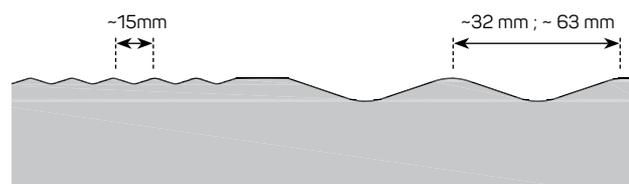
Double/RO Profile



Double/RO Profile

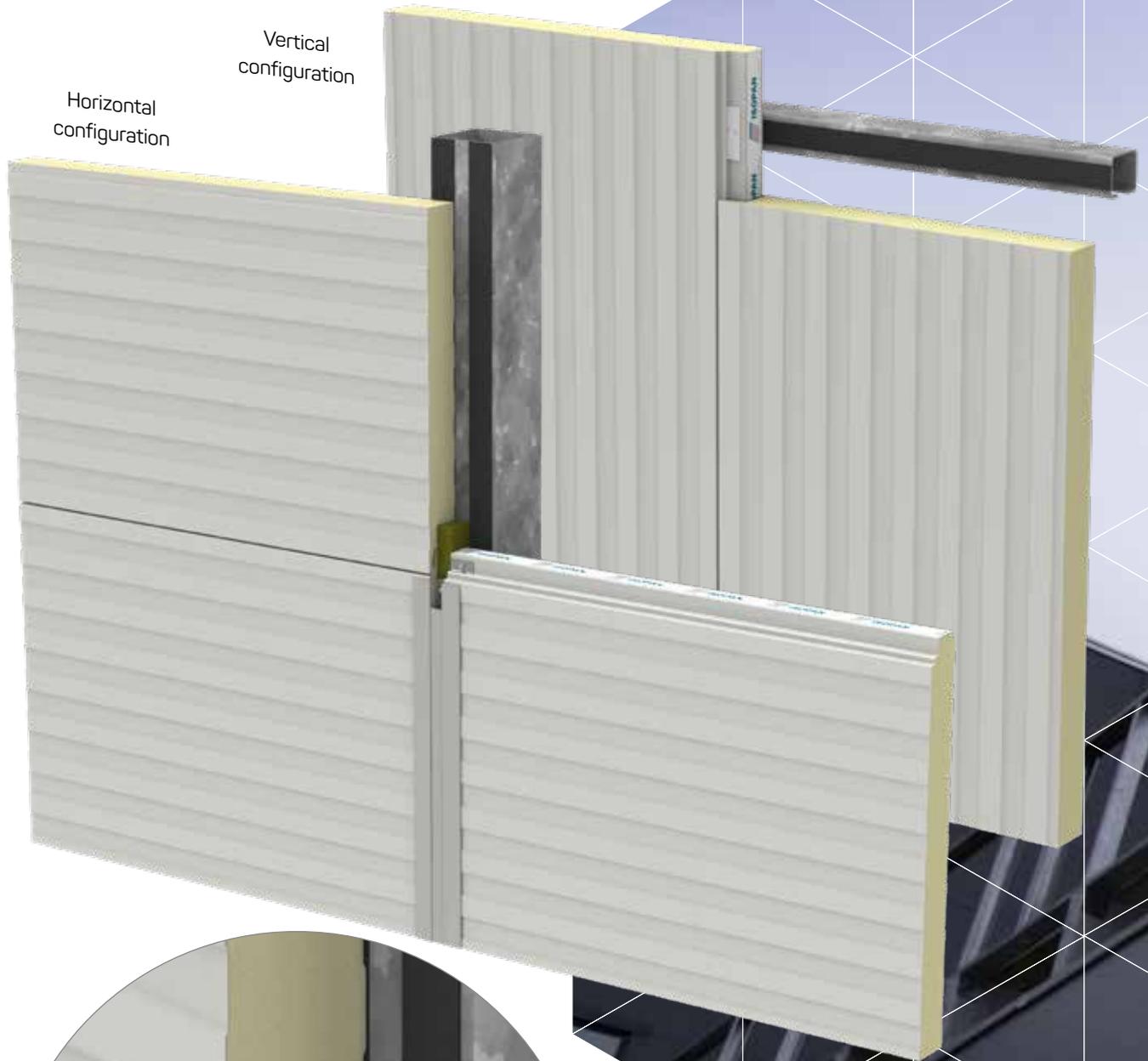
Aesthetic finish distinguished by the use of a **double type of profile**. The central zone of the module is highlighted by a sinusoidal profile, while the ends feature a micro-ribbed profile.

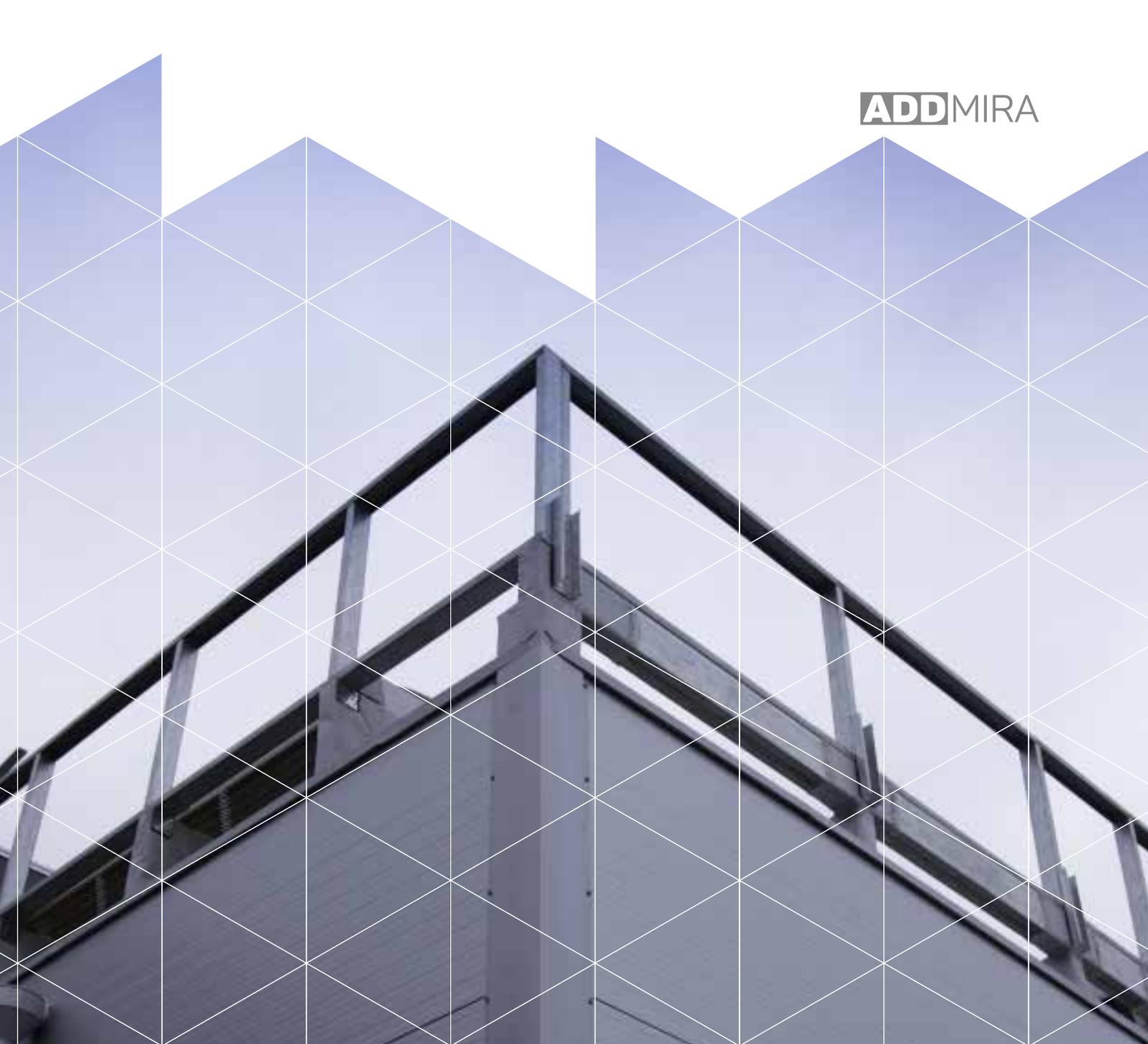
Applicable on the exterior side of the panels in the ADDVision range with polyurethane insulation.



Panel module [mm]			Insulation	
600	1000	1100	PU	MW
	●		●	

Box Profile



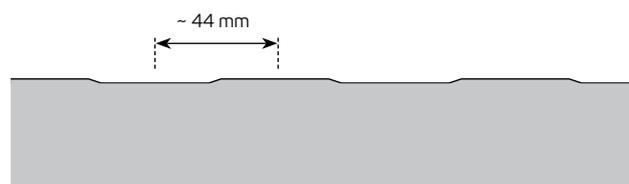


Box Profile

Aesthetic finish featuring the use of **micro-slatted** profiling, uniform over the entire surface of the panel.

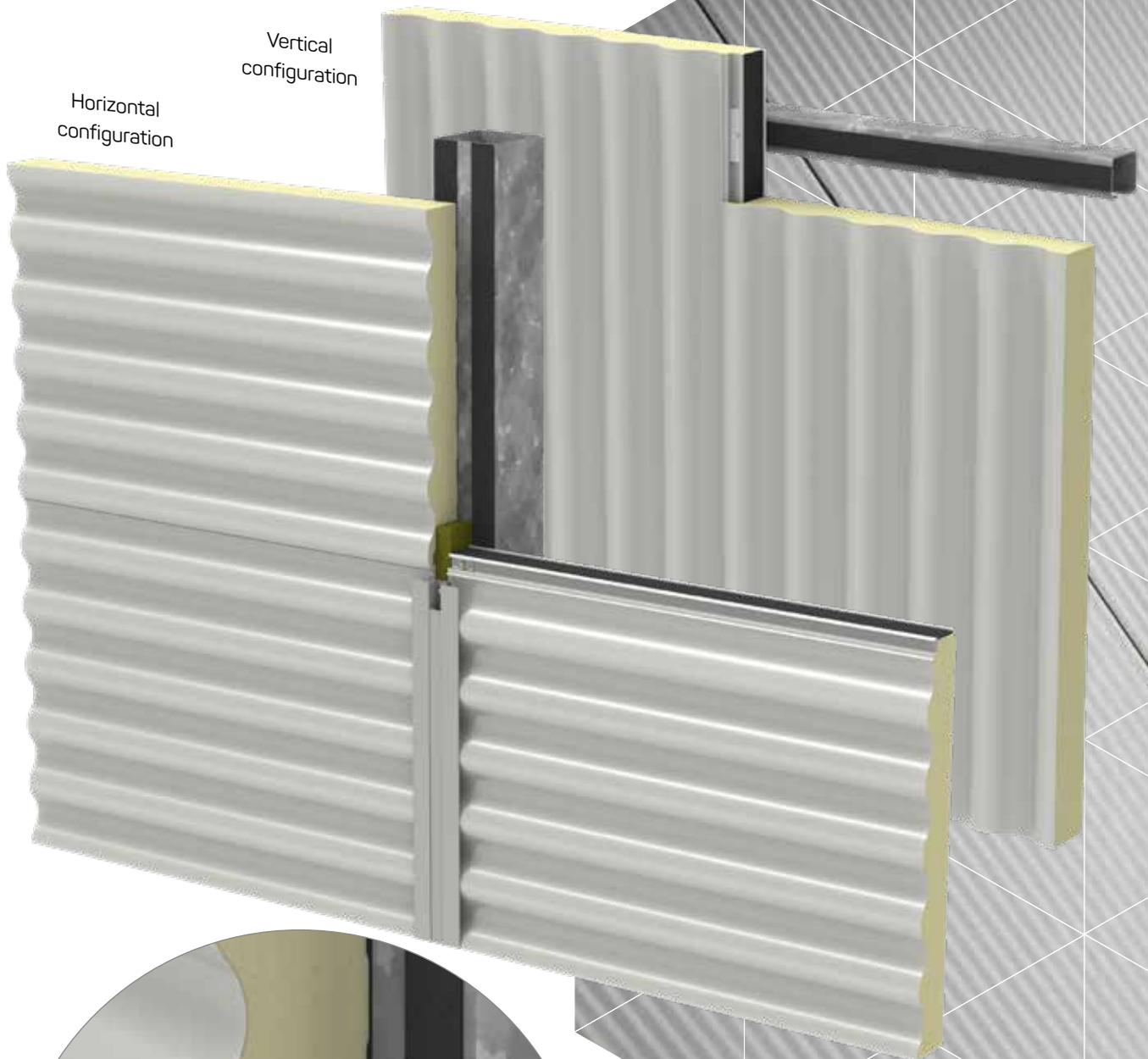
Applicable on the exterior or interior side of the panels in the ADDVision range with polyurethane or mineral wool insulation.

Suggested a standard profiling on the interior side for all panels.



Panel module [mm]			Insulation	
600	1000	1100	PU	MW
●	●	●	●	●

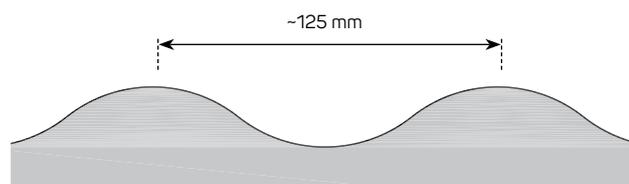
Class Profile



Class Profile

Aesthetic finish distinguished by the use of **sinusoidal corrugated profiling**.

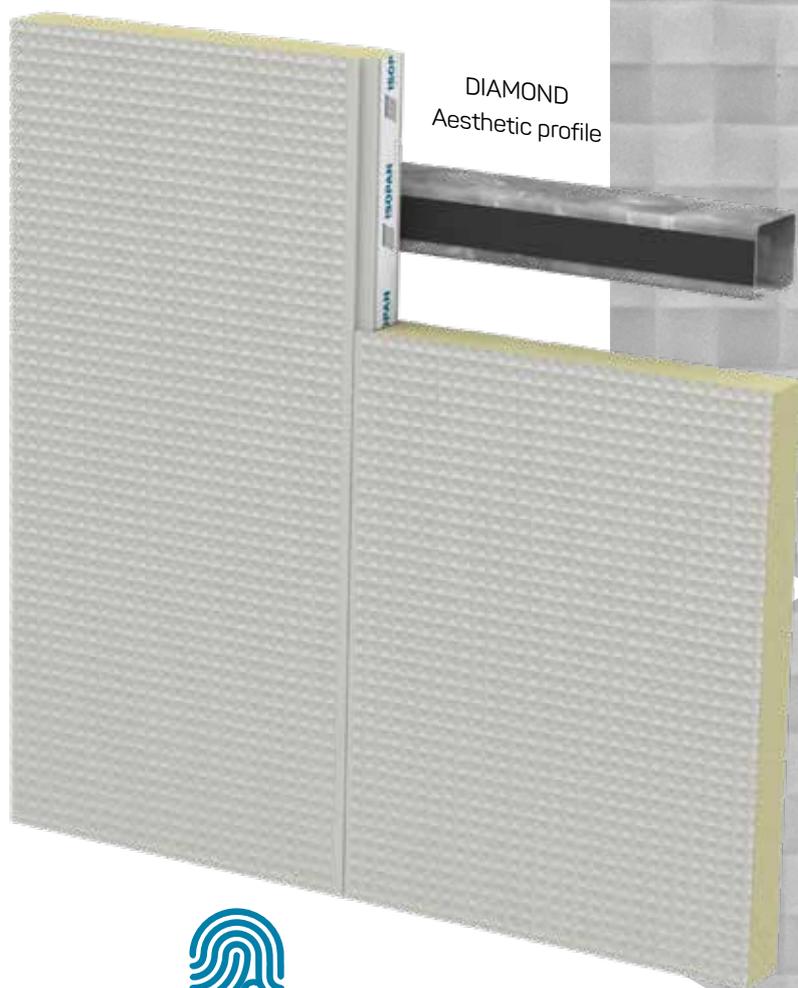
Applicable on the exterior side of the ISOCLASS panel in the ADDVision range with polyurethane insulation.



Panel module [mm]			Insulation	
600	1000	1100	PU	MW
	●		●	

3D Finishing:

- DIAMOND
- EMERALD

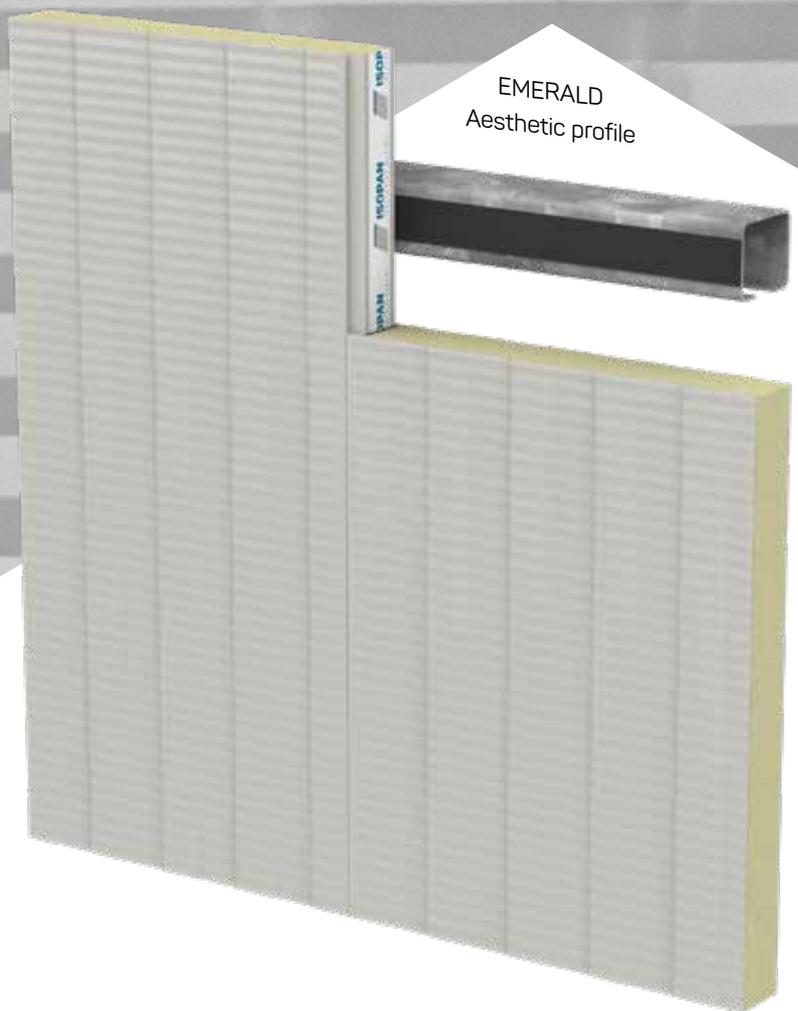


Aesthetic finishes characterized by three-dimensional textured effect; add to the pre-finished steel an exciting visual depth and tactile sensation.

DIAMOND and EMERALD finishes improve mechanical resistance, even with dark colors.

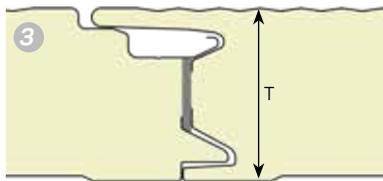
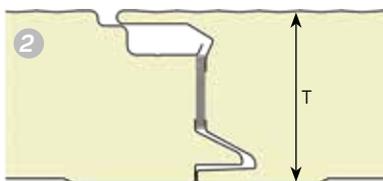
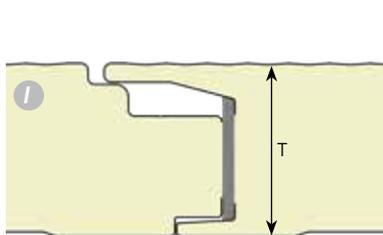
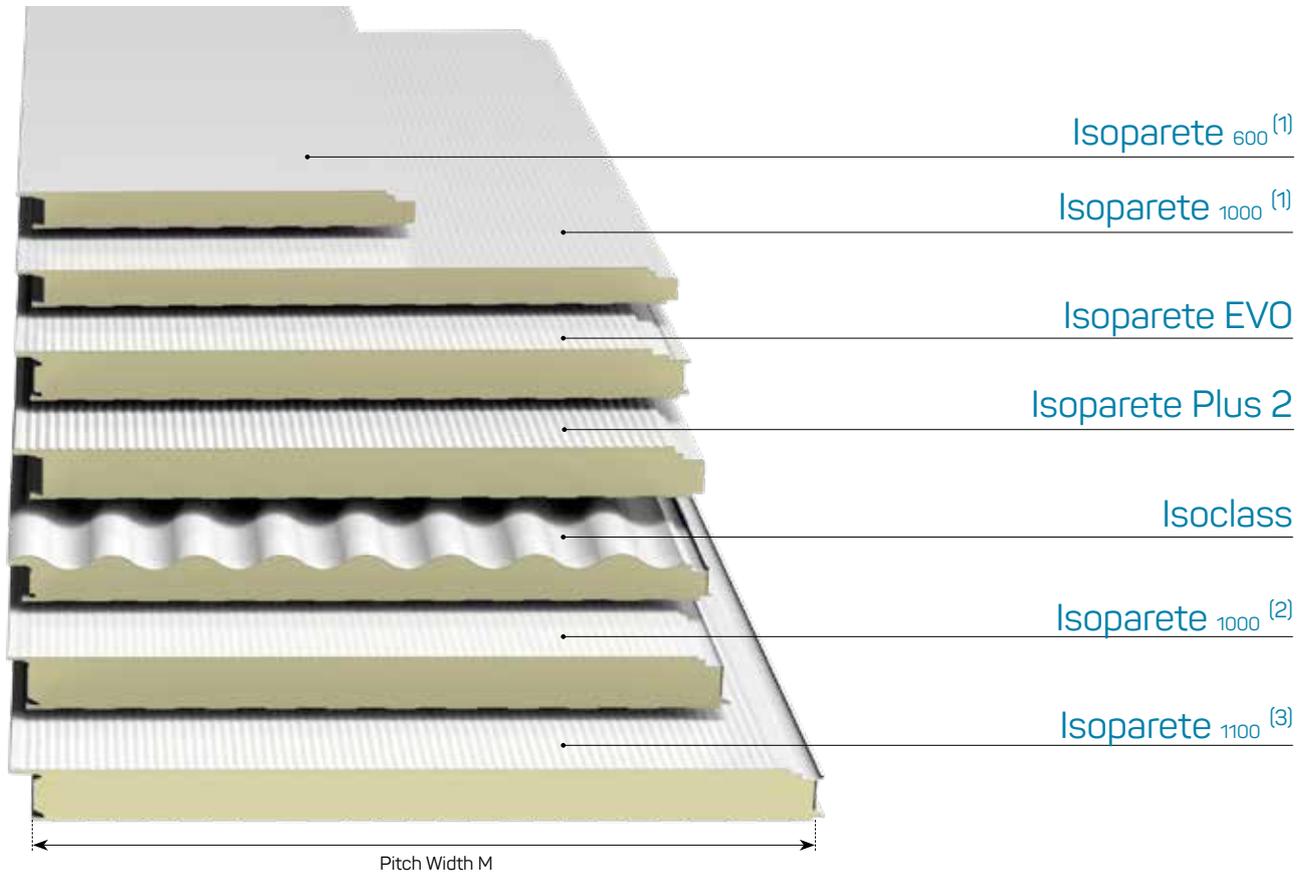
Available on external side of ADDVision panels, with polyurethane insulation.

DIAMOND and EMERALD are exclusive by Isopan.

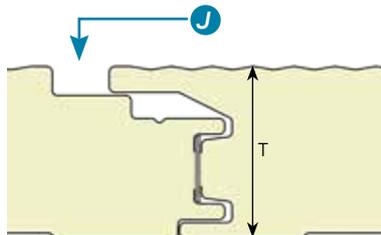


EMERALD
Aesthetic profile

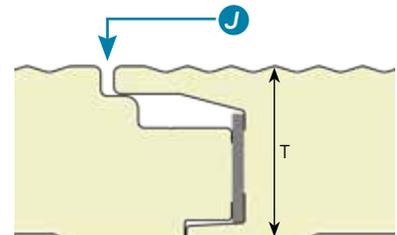
Polyurethane Panels



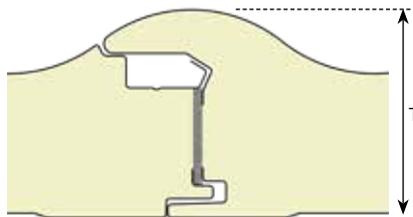
Isoparete	
T (mm)	40; 50; 60; 80; 100; 120; 140
M (mm)	600 ⁽¹⁾ ; 1000; 1100 ⁽³⁾



Isoparete EVO	
T (mm)	40; 50; 60; 80; 100; 120; 150
M (mm)	600; 1000



Isoparete PLUS 2	
T (mm)	50; 60; 80; 100; 120
M (mm)	1000



Isoclass	
T (mm)	72; 92; 102; 122
M (mm)	1000

Variable compensation gap	
Isoparete EVO	
Standard = 2 mm	Optional = 18 mm
Isoparete Plus 2	
Standard = 4 mm	Optional = 18 mm

Please check with Isopan about the production availability of each article.
Depending on the reference Production Site there may be slight geometrical differences and factory tolerances.

Technical and performance data



T [mm] - Isoparete								T [mm] - Isoclass			
40	50	60	80	100	120	140	150	72	92	102	122

THERMAL INSULATION													
U	W/m ² K	0.64	0.49	0.41	0.29	0.23	0.19	0.16	0.15	0.34	0.26	0.23	0.21
	Kcal/m ² h °C	0.55	0.42	0.35	0.25	0.2	0.16	0.14	0.13	0.30	0.23	0.20	0.18

Transmittance of the panels (U) according to EN 14509.

WEIGHT													
Sheet thickness [mm]	5/10 + 5/10	9.8	10.2	10.6	11.4	12.2	13.0	13.8	14.4	10.9	11.7	12.1	12.9
	6/10 + 6/10	11.5	11.9	12.3	13.1	13.9	14.7	15.5	16.2	12.7	13.5	13.9	14.7

Weight per m² considering the use of steel sheets at the indicated thickness.

BEHAVIOUR IN CASE OF FIRE													
Fire resistance	EI 15				●								
	EI 20					●	●	●	●				
	EI 30					●	●	●	●				
Reaction to fire	up to B s1 d0												

Classes of Reaction to Fire achieved according to EN 13501 and EN 14509. For information please contact Isopan.

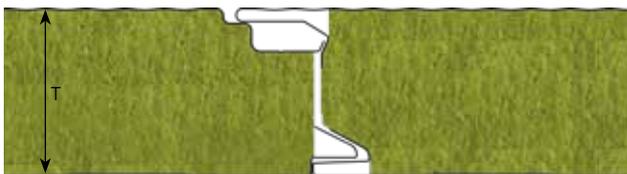
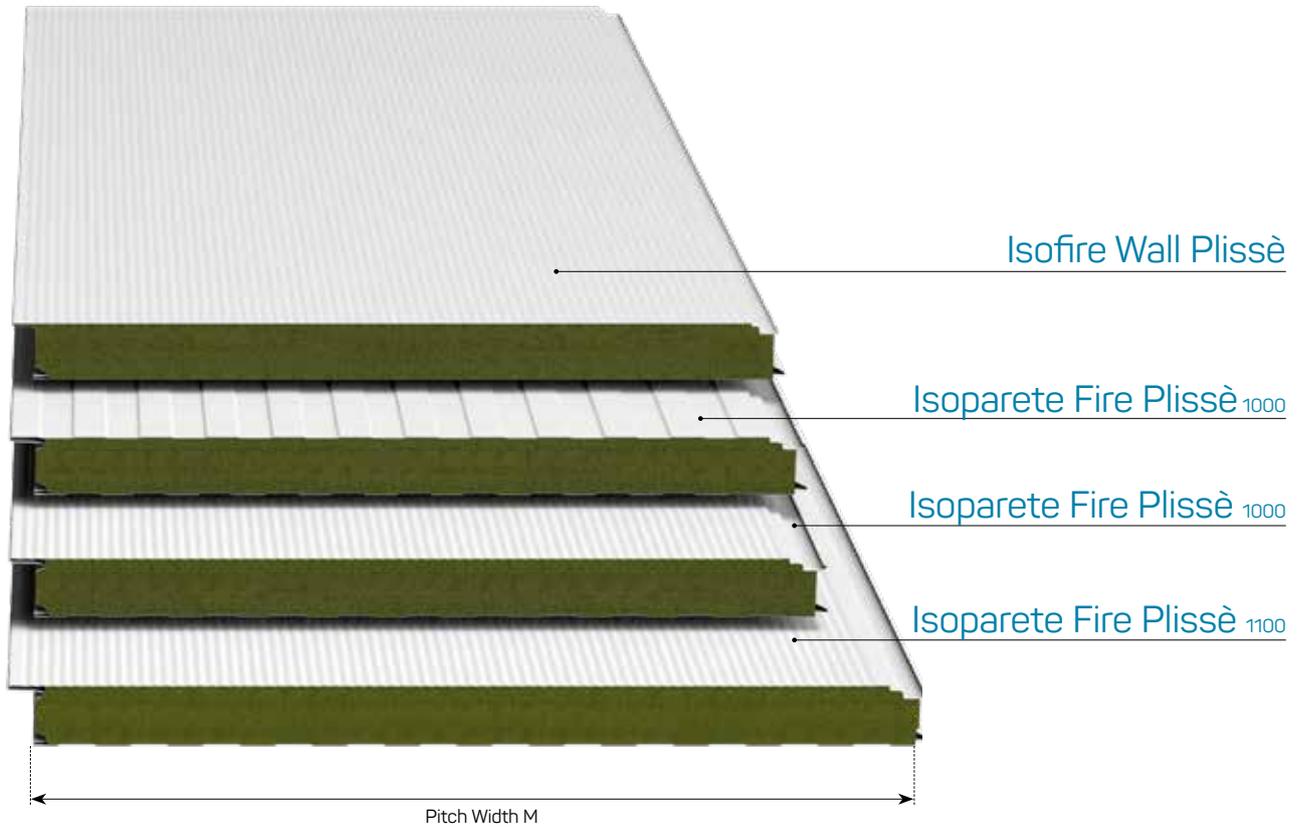
Tables of load and span relative to panels with steel sheets, thickness 5/10													
T [mm] - Isoparete								T [mm] - Isoclass					
40	50	60	80	100	120	140	150	72	92	102	122		

Table of load and span													
ℓ = Maximum Spans [cm]													
 Evenly distributed load [Kg/m ²]	50	320	380	440	550	640	730	800	820	455	570	610	650
	60	300	350	410	500	590	680	745	765	420	515	555	600
	80	260	310	350	440	520	600	660	675	360	455	490	525
	100	230	275	320	395	470	540	590	605	350	430	465	505
	120	210	250	290	360	430	490	535	550	310	390	425	455
	140	190	230	265	330	395	455	500	510	280	350	385	420
	160	175	210	245	310	370	425	465	475	260	330	360	395
	180	165	195	230	290	345	400	440	450	260	325	355	385
	200	155	185	215	270	325	375	410	420	240	305	330	360

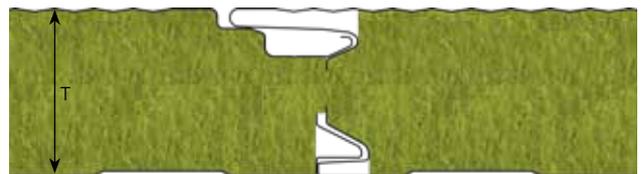
Table of load and span													
L = Maximum Spans [cm]													
 Evenly distributed load [Kg/m ²]	50	380	450	520	650	740	800	880	900	455	570	605	645
	60	340	410	470	590	660	710	780	795	410	515	540	570
	80	290	350	410	500	550	600	660	675	355	435	455	475
	100	260	310	360	440	490	510	560	570	330	400	425	445
	120	230	280	320	390	430	460	505	515	290	355	365	385
	140	200	250	295	360	390	420	460	470	265	320	335	345
	160	185	220	265	330	360	385	420	430	235	290	305	315
	180	160	200	240	305	340	360	395	405	225	285	300	315
	200	145	180	215	285	315	335	365	375	195	265	275	295

Calculation for static sizing carried out according to EN 14509. Deflection limit 1/200 ℓ. The values shown in the capacity tables do not take into account the thermal load.

Mineral Wool panels



Isoparete Plissé	
T (mm)	50; 60; 80; 100; 120; 150; 170
M (mm)	1000



Isoparete Fire	
T (mm)	60; 80; 100; 120; 150; 200
M (mm)	1000; 1100

Please check with Isopan about the production availability of each article.
Depending on the reference Production Site there may be slight geometrical differences and factory tolerances.



Technical and performance data



NOMINAL PANEL THICKNESS [mm]									
50	60	80	100	120	150	170	200		

THERMAL INSULATION									
Insulation	W/m ² K	0.86	0.72	0.52	0.41	0.34	0.28	0.24	0.20
	Kcal/m ² h °C	0.73	0.62	0.44	0.36	0.29	0.24	0.21	0.17

Transmittance of the panels (U) according to EN 14509.

WEIGHT									
weight	5/10 + 5/10	13.2	14.2	16.2	18.2	20.2	23.2	25.2	28.2
	6/10 + 6/10	14.9	15.9	17.9	19.9	21.9	24.9	26.9	29.9

Weight per m² considering the use of steel sheets at the indicated thickness.

BEHAVIOUR IN CASE OF FIRE									
Fire resistance	EI 30				●	●	●	●	
Reaction to fire		up to B s1 d0							

Classes of Reaction to Fire achieved according to EN 13501 and EN 14509. For information please contact Isopan.

NOMINAL PANEL THICKNESS [mm]									
50	60	80	100	120	150	170	200		

Tables of load and span relative to panels with steel sheets, thickness 5/10

Table of load and span		ℓ = Maximum Spans [cm]							
 Evenly distributed load [Kg/m ²]	50	440	480	540	610	670	755	805	890
	60	390	430	495	570	625	700	750	825
	80	310	355	425	500	550	615	650	715
	100	250	295	365	440	490	550	580	630
	120	210	250	315	385	435	495	525	565
	140	180	210	275	340	390	440	475	510
	160	160	185	245	300	350	400	435	465
	160	145	165	220	270	320	360	395	425
	200	130	150	205	250	295	330	360	390

Table of load and span		ℓ = Maximum Spans [cm]							
 Evenly distributed load [Kg/m ²]	50	390	420	460	500	540	580	630	670
	60	345	380	415	450	490	520	550	585
	80	270	310	345	370	400	425	450	485
	100	210	250	285	310	335	355	375	405
	120	180	205	240	265	285	305	325	350
	140	155	175	210	230	250	265	280	300
	160	130	155	185	205	220	230	245	265
	160	120	135	165	180	195	205	220	240
	200	110	120	150	165	180	190	205	220

Calculation for static sizing carried out according to EN 14509. Deflection limit 1/200 ℓ . The values shown in the capacity tables do not take into account the thermal load.

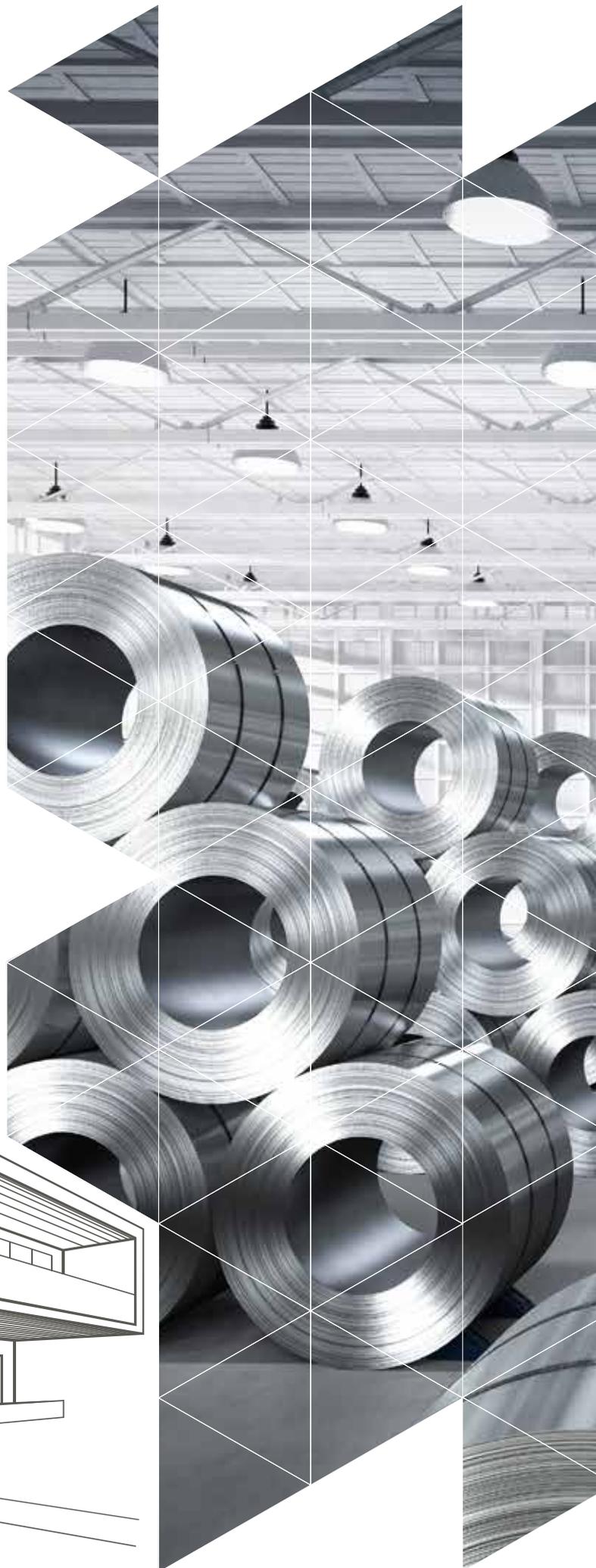
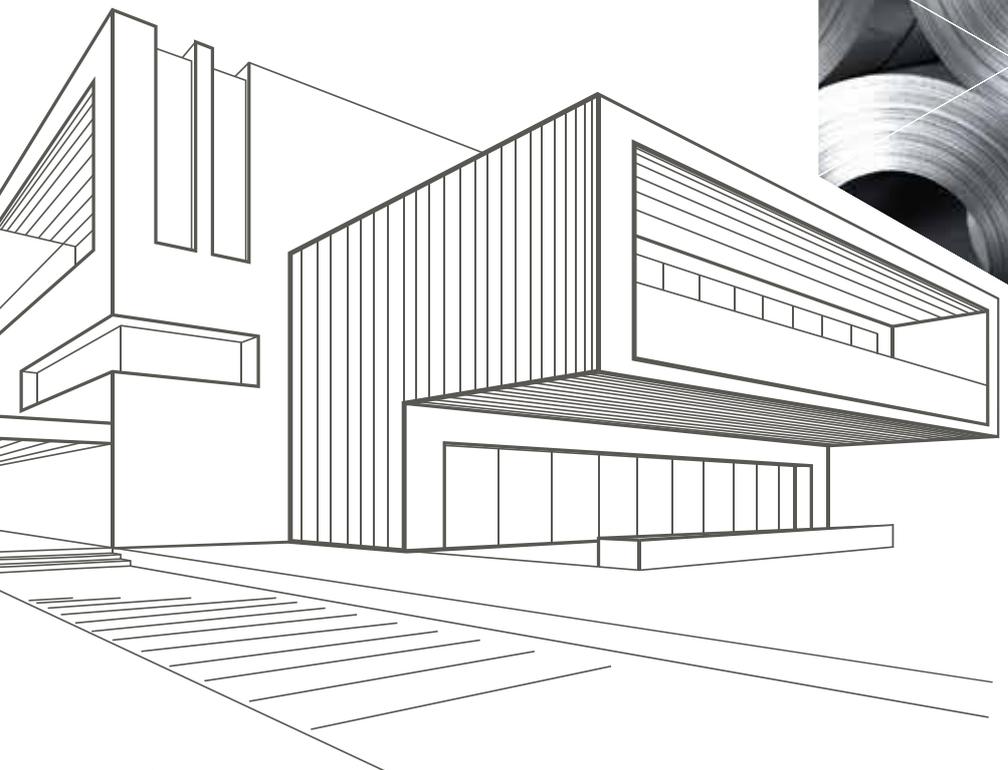
Metal Facings

ADD more Quality



The attention to production standards, controlling the supply chain and the extension of the protective services towards the End customer are, also for Isopan, synonymous with professionalism and reliability towards buyers.

For this very reason we are constantly committed to procuring and using high quality metal laminates coming from worldwide recognised Producers.



ADD more Guarantee

up to
40
years

Thanks to our know-how and the use of cutting edge materials, Isopan is able to offer its important Customers Guarantees on the strength of the metal facings.

In fact, maintaining the functional characteristics over time represents

one of the most crucial aspects in choosing a metal laminate.

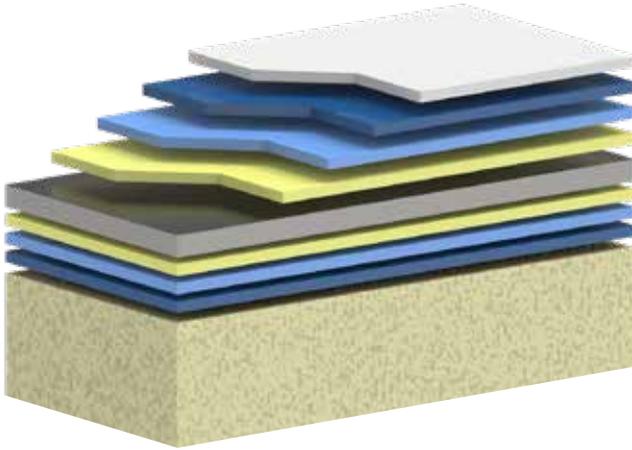
ADD more Inspirations



Corrugated metal facings (Texture 3D) are available, that provide even more depth and visual impact to the views of the buildings.

Inspired by nature and the world of design, they can raise the communicative and aesthetic value, of both exterior façades and indoor rooms.

HD Polyester pre-painted steel



Composition

- | | |
|---|------------------|
| 1 | Top paint |
| 2 | Primer |
| 3 | Pretreatment |
| 4 | Galvanising |
| 5 | Steel |
| 6 | Galvanising |
| 7 | Pretreatment |
| 8 | Back paint |
| 9 | Insulating layer |

Characteristics

Total thickness	25 µm
Surface appearance	Smooth
Resistance to corrosion	●●●○○
Resistance to UV rays	●●●○○

Metal facing designed for use on surfaces exposed to the exterior, such as corrugated sheet metal and insulating sandwich panels. In comparison to standard pre-painted steel facings, pre-painting on an HD Polyester base presents greater resistance to the most common phenomena of deterioration, such as corrosion, chalking and change in colour over time.

In fact the materials used in the pre-painting cycle provide tested performance up to RUV3 (UV-resistant) and RC3 (corrosion-resistant).

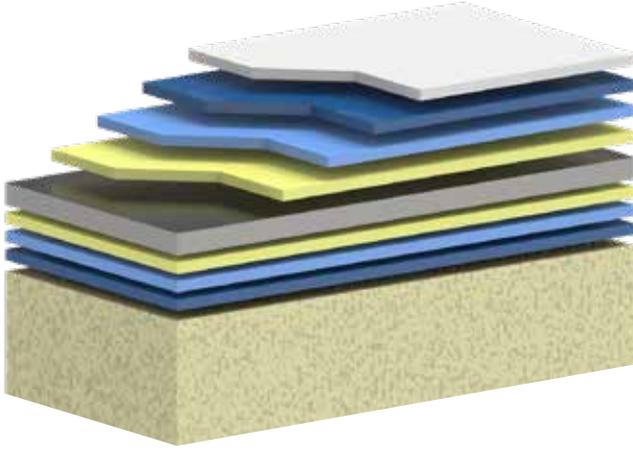
The vast range of available colours makes the pre-painted steel on HD Polyester base a versatile solution and suitable for many types of use.

Colour range



* This colour range must be considered approximate. The availability of colours may be subject to variations due to production batches. To check the effective availability of colours and to see more colour choices, please contact Isopan.

HD Super Polyester



Characteristics

Total thickness	60 µm
Surface appearance	Corrugated (Texture wrinkled)
Resistance to corrosion	● ● ● ● ●
Resistance to UV rays	● ● ● ● ○

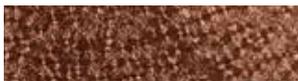
Pre-painted steel formulated to guarantee the best resistance to UV rays and corrosion, guaranteeing excellent flexibility and duration over time; in addition to having a pleasant and important aesthetic appearance provided by the uniform and texturised composition of the paint.

This type of metal support does not feature hexavalent chromium and heavy metals.

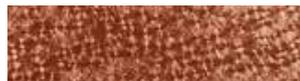
The advantages of HD Super pre-painting include:

- Maximum flexibility, performance and duration over time
- High resistance to UV rays and (RUV4) corrosion (RC5)
- Usable in environments with medium levels of pollution
- Scratch and abrasion-resistant

Colour range



Chocolate Brown

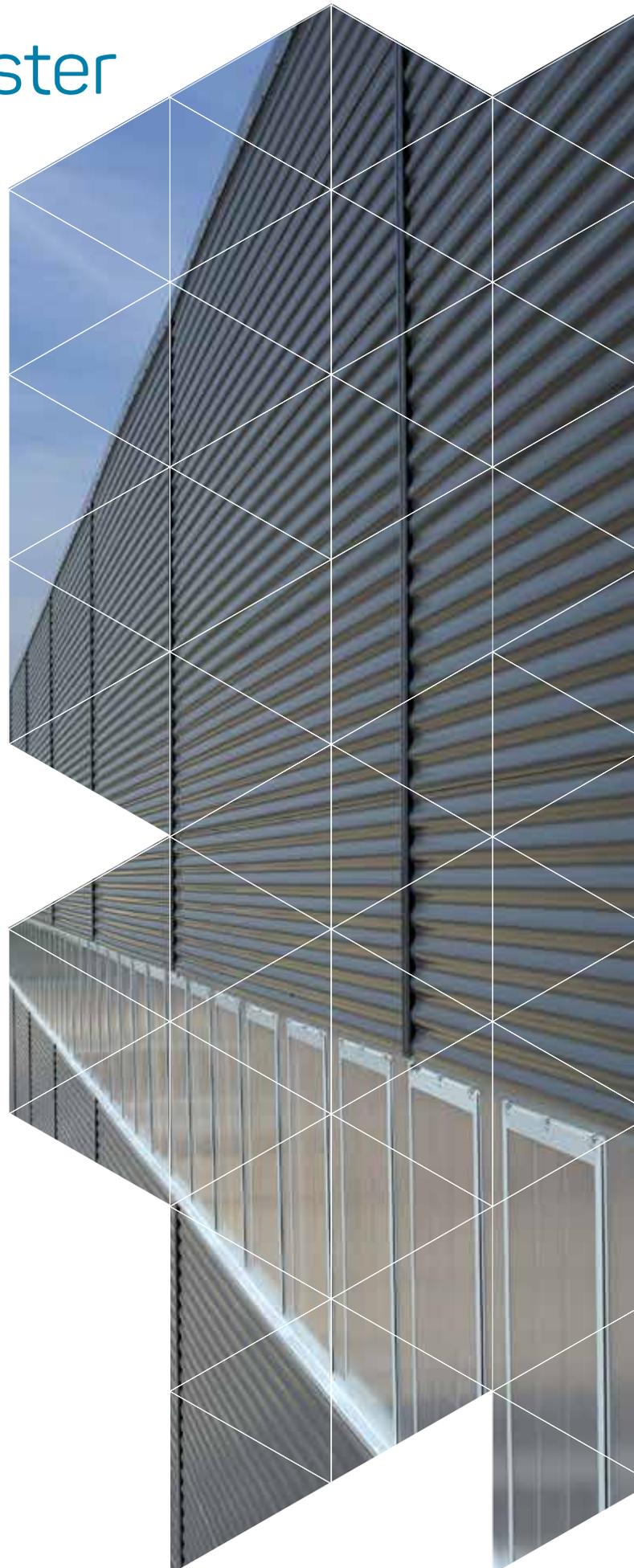


Oxide Red



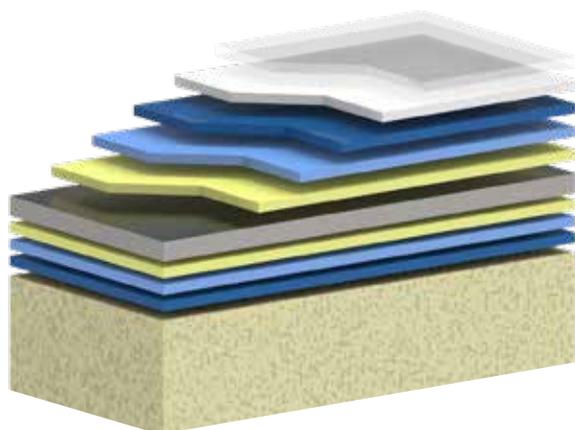
Jet Black

* This colour range must be considered approximate. The availability of colours may be subject to variations due to production batches. To check the effective availability of colours and to see more colour choices, please contact Isopan.



Colorcoat® coatings by Tata Steel

Colorcoat Prisma®



Composition

1	Transparent protective layer
2	Coloured layer with polyamide
3	Corrosion-resistant primer
4	Pretreatment
5	Galvalloy™ metal coating
6	Steel substrate
7	Galvalloy™ metal coating
8	Pretreatment
9	Rear coat
10	Insulating layer

Characteristics

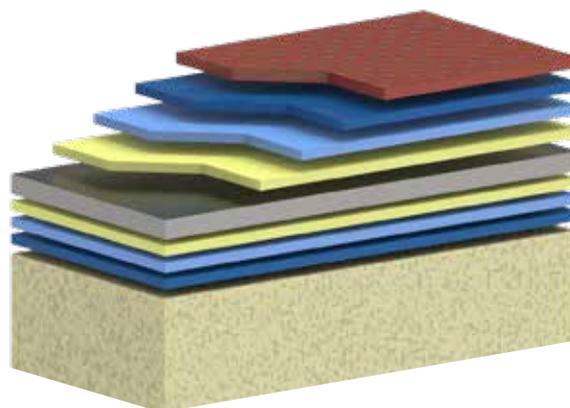
Nominal thickness of the organic coating	65 µm - 40 µm
Surface appearance	Smooth
Resistance to corrosion	RC5 ●●●●●
Resistance to UV rays	RUV4 ●●●●●

Colorcoat Prisma® uses the exclusive and tested metallic coating Galvalloy™ by Tata Steel, created with a special alloy, with 95% zinc (Zn) and 5% aluminium (Al), compliant with the specifications of EN 10346:2015. The proportions of zinc and aluminium of the Galvalloy™ coating, carefully developed, generate a better barrier and anodic protection effect than traditional coatings with hot dip galvanising (HDG); this way it will be possible to depend on unrivalled protection against corrosion, even on the cut edges.

REACTION TO FIRE

Colorcoat Prisma® is classified as A1 in compliance with EN 13501-1:2018 for every colour in the range.

Colorcoat HPS 200 Ultra®



Composition

1	Scintilla® top paint
2	Corrosion-resistant primer
3	Pretreatment
4	Galvalloy™ metal coating
5	Steel substrate
6	Galvalloy™ metal coating
7	Pretreatment
8	Back paint
9	Insulating layer

Characteristics

Nominal thickness of the organic coating	200 µm
Surface appearance	Scintilla®
Resistance to corrosion	RC5 ●●●●●
Resistance to UV rays	RUV4 ●●●●●

Colorcoat HPS200 Ultra® was created to resist severe indoor or outdoor conditions. It was subjected to complete natural and accelerated test cycles, often beyond the standard requirements. Colorcoat HPS200 Ultra® is used in a broad range of applications for industrial and commercial buildings and its implementation in real scenarios represents additional proof of the products superior duration.

Colorcoat HPS200 Ultra® can be classified as a CPI5 product, based on standard EN 10169:2010 and means that Colorcoat HPS200 Ultra® is suitable for particularly severe indoor applications, such as swimming pools, residual water treatment plants, power plants, waste-to-energy plants.

ADD more Guarantee

CONFIDEX® warranty

The CONFIDEX® warranty by Tata Steel was introduced in 1992 and has since continued to be standard-setting in the sector. For all of the details, inquiry modes and warranty activation it is possible to refer to the informative documents of Tata Steel (www.colorcoat-online.com), or contact Isopan.



Inland

up to
40
years

Up to 40 years
Warranty by CONFIDEX®

Coastal area

up to
30
years

Up to 30 years
Warranty by CONFIDEX®



* Validity is expressed in the maximum number of years that the CONFIDEX® warranty can be assigned. For all of the details, inquiry modes and warranty activation it is possible to refer to the informative documents of Tata Steel (www.colorcoat-online.com), or contact Isopan.

Colorcoat Prisma® - Colours

Metallic



Zeus



Sirius - Ral 9006



Orion - Ral 9007



Ephyra



Ariana



Pegasus

Solid



Cream - Ral 1015



Hamlet - Ral 9002



Oxide Red - Ral 3009



Anthracite - Ral 7016



Sargasso - Ral 5003

Element



Seren Gold



Seren Copper

Colorcoat HPS200 Ultra® - Colours

Signature



Goosewing Grey - Ral 7038



Alaska Grey - Ral 7000



Anthracite - Ral 7016

Classic



Burano - Ral 3004



Hamlet - Ral 9002



Sargasso - Ral 5003



Olive Green - Ral 100 30 20



Solent Blue - Ral 240 40 40



Ocean Blue - Ral 220 30 25



Jade - Ral 150 50 20



Heritage Green - Ral 6002

Matts



Alaska Grey - Ral 7000



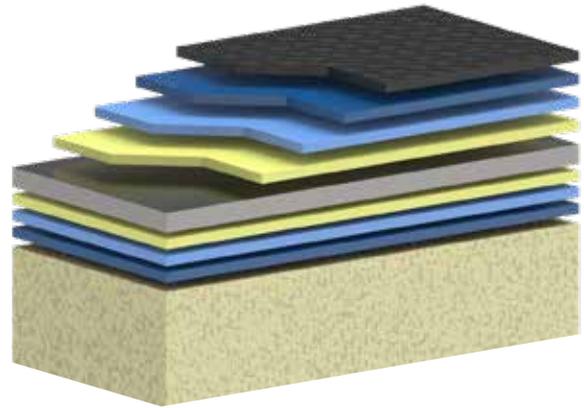
Anthracite - Ral 7016

* This colour range must be considered approximate. The availability of colours may be subject to variations due to production batches. To check the effective availability of colours and to see more colour choices, please contact Isopan. The listed RALs represent the closest colours and not the exact matches. Colorcoat HPS200 Ultra, Colorcoat Prisma, Confidex and Galvalloy are registered trademarks of Tata Steel UK Limited.



Tech Black

New metallic facing with 3D texture



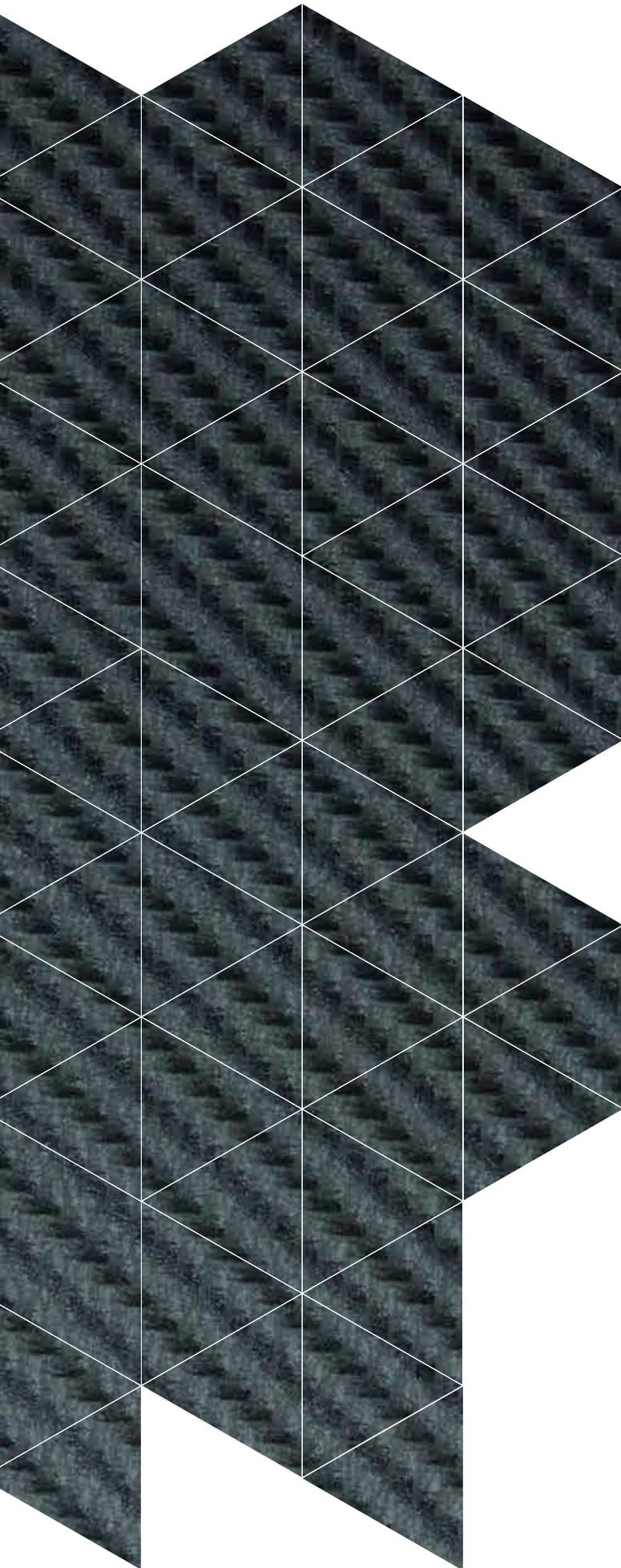
Composition

- | | |
|---|-----------------------|
| 1 | Facing layer |
| 2 | Layer with 3D Texture |
| 3 | Base pre-painting |
| 4 | Primer |
| 5 | Pretreatment |
| 6 | Steel substrate |
| 7 | Pretreatment |
| 8 | Back paint |
| 9 | Insulating layer |

Characteristics

Facing thickness	35 µm
Surface appearance	3D Texture
Resistance to corrosion	●●●○
Resistance to UV rays	●●●○

New type of metallic facing inspired by the world of design. Thanks to Tech Black facing it is possible to achieve a surface with a carbon-effect finish. It can be used on exposed surfaces on the exterior as well as on walls with one side exposed to the interior. The surface finish with special 3D Texture also makes the experience with this type of material pleasant and realistic to the touch.



ADD more Inspirations



Natural Tech

ADDMIRA

Colours that you can see and touch

Inspired by nature, these types of surface finishes represent the union between visual and tactile experiences, thanks to the use of corrugated metallic surfaces and three-dimensional textures.

They can be used on exposed surfaces on the exterior as well as on walls with one side exposed to the interior.



Corten



Slate



Black 01



Grey 01

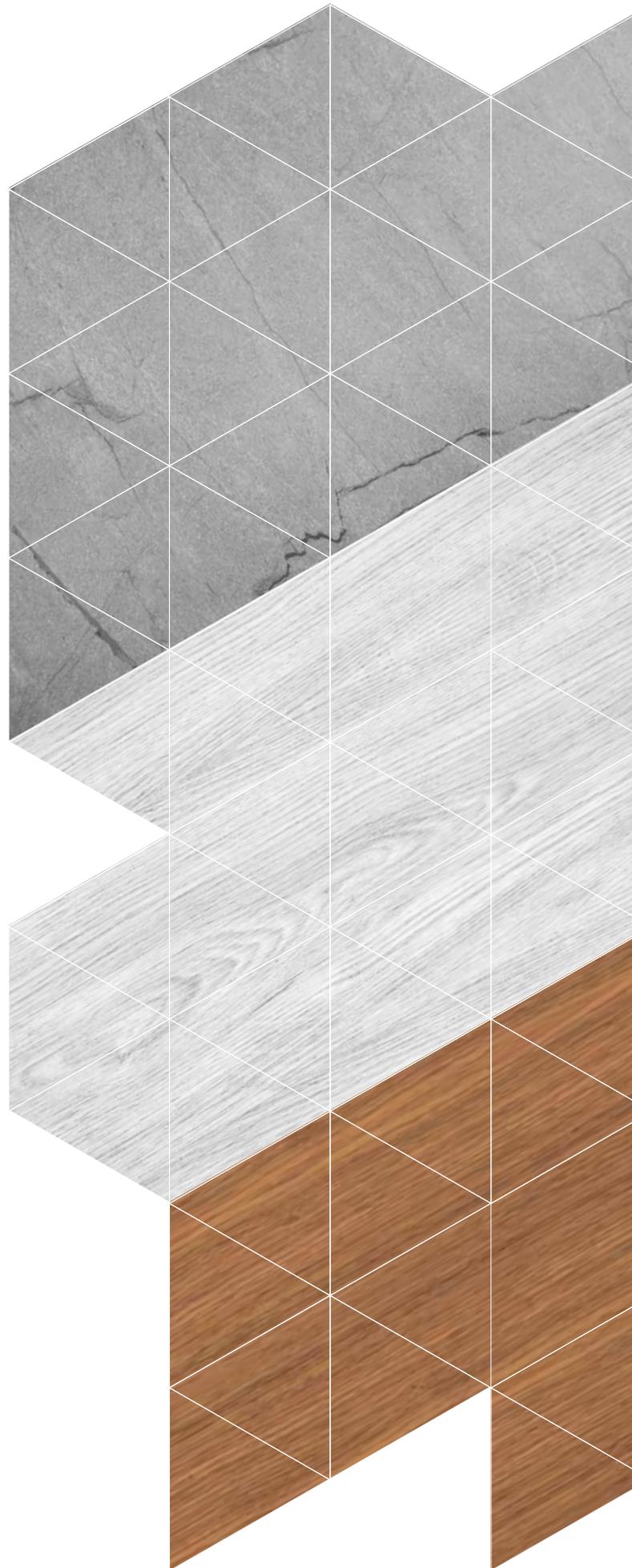


Wood 03



Wood 01

To discover the actual availability of other colours and detailed technical information, please contact Isopan.





Clean Tech

Self-Cleaning Pre-Painted Steel

The technology that characterises Self-Cleaning pre-painted steels allows the surfaces to be cleaned quickly and easily with water.

Thanks to a transparent nanometric layer of titanium dioxide (TiO₂) applied to the pre-painted metallic surface, based on PVD technology (Physical Vapor Deposition), it is possible to maintain the original appearance of the façade for the long-term.

As a transparent layer, the TiO₂ layer is applicable to any type of colour.

Characteristics

- ▶ Simple removal of dust and debris
- ▶ Simple and quick washing with water pressure cleaner
- ▶ Excellent stability over time thanks to the PVD process
- ▶ Up to 10-year warranty on the presence of the TiO₂ layer on the metallic surface
- ▶ Applicable to a vast range of colours



ADD more Solutions



ADDMIRA

Urban Tech

Anti-graffiti Pre-Painted Steel

The range of Anti-Graffiti Pre-Painted Steels includes a three-layer painting system, where the outer layer is formulated to easily remove brush- or spray-applied graffiti.

Application is recommended in environments requiring a simple and fast way of protecting the surfaces of the exterior walls.

Plus, thanks to the characteristics of RUV4 and Rc4, these steels are a valid solution when good resistance to corrosion and UV rays is required.

Characteristics

- ▶ Resistance to the adhesion of external paints applied with brush and spray
- ▶ Corrosion resistance up to RC4
- ▶ UV resistance up to RUV4
- ▶ Broad range of colours available



ACCESSORIES

Isloed

Page 52

Corner
Panels

Page 54

RAC - Insulated
corner fittings

Page 56

Joint cover
ISO-L-52

Page 58

Extruded profiles
AL-Joint / AL-Fast

Page 60

Decorative Kits
Easy

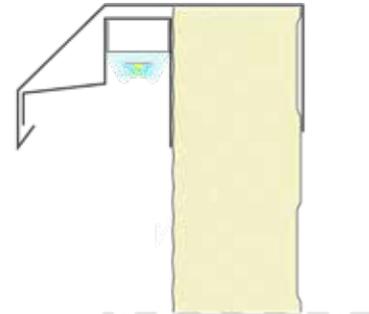
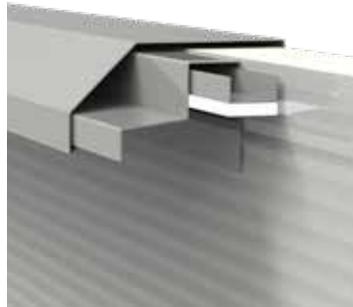
Page 68



LED Lighting

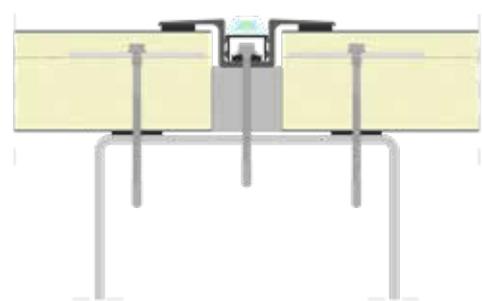
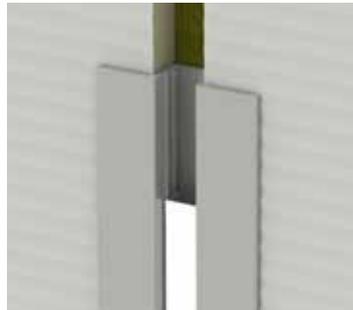
High Frame Led

Positioning of LED Strip on press formed profile for parapet / top closing of wall.
Available with Flex Transparent or Flex Clear LED, with White light and Single Color.



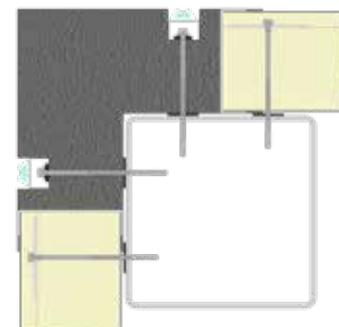
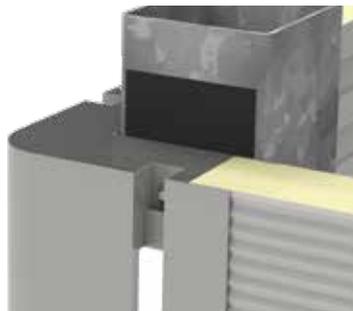
Joint Led

Positioning of LED Strip on ISO-L-52 LED press formed profile, or on AL-JOINT LED Extruded Aluminium Profile, on vertical transverse joints between panels.
Available with Flex Transparent or Flex Clear LED, with White light and Single Color.



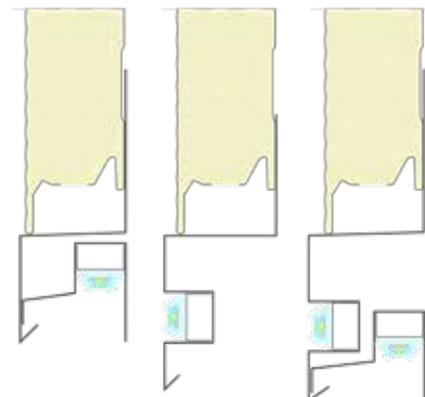
Rac Led

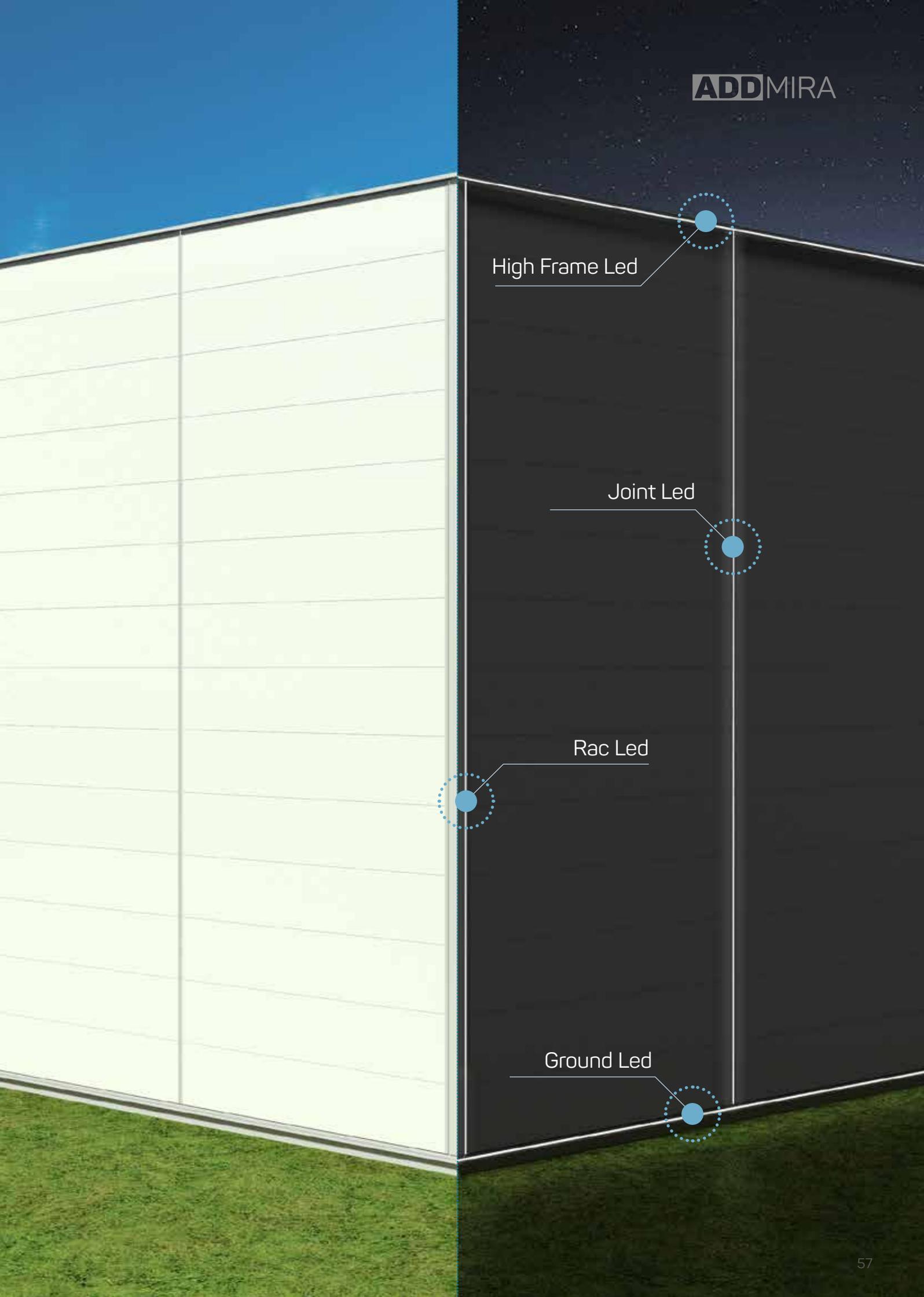
Positioning of LED Strip on press formed screw cover profile of RAC systems, on wall corner fittings.
Available with Flex Transparent or Flex Clear LED, with White light and Single Color.



Ground Led

Positioning of LED Strip on press formed profile for base or horizontal fitting.
Possibility of direction of the gap either horizontal or vertical / downwards.
Available with Flex Transparent or Flex Clear LED, with White light and Single Color.





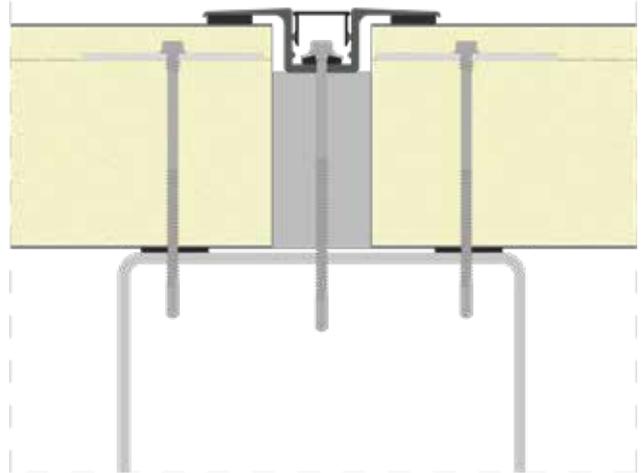
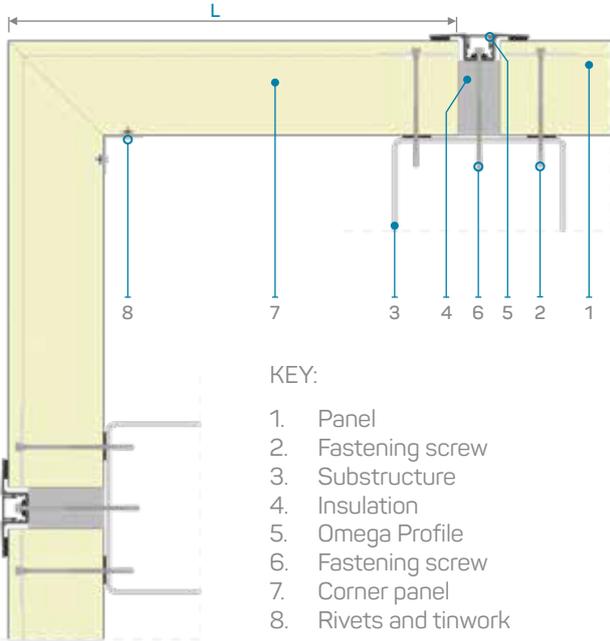
High Frame Led

Joint Led

Rac Led

Ground Led

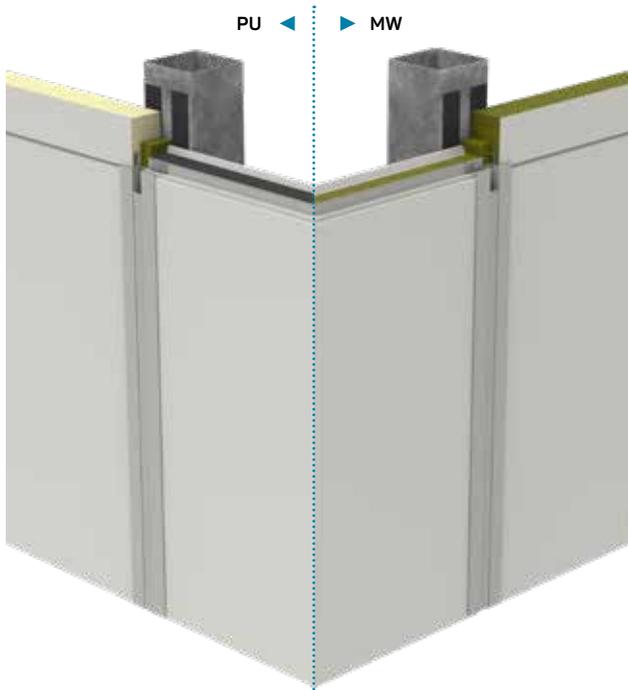
Corner Panel Mod.1



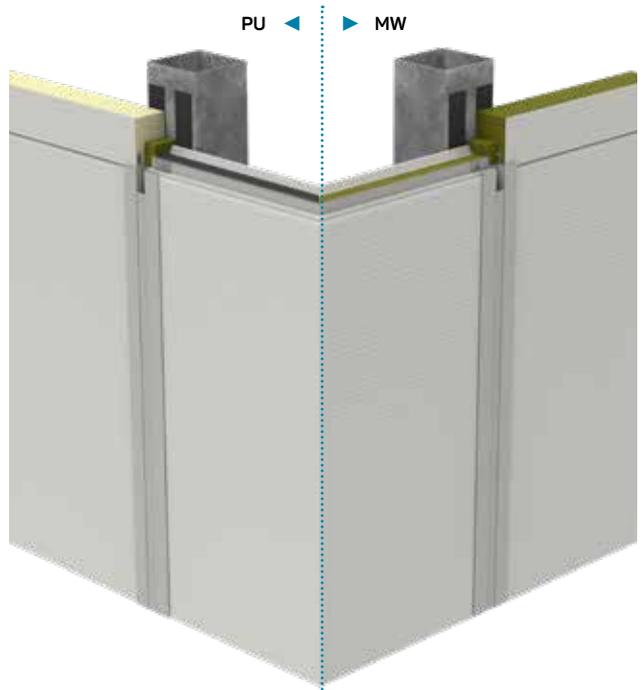
Corner Panel Mod.1	
Dimensions:	Side L max = 500mm
Insulation:	Polyurethane
	Mineral wool
Available integrations:	LED Lighting solutions
Finishes:	Piano
	Plissé
	Box
Available colours:	RAL colours available on request, Please check with Isopan

Panel for press-formed wall, can be used for walls with horizontal mounting configuration.

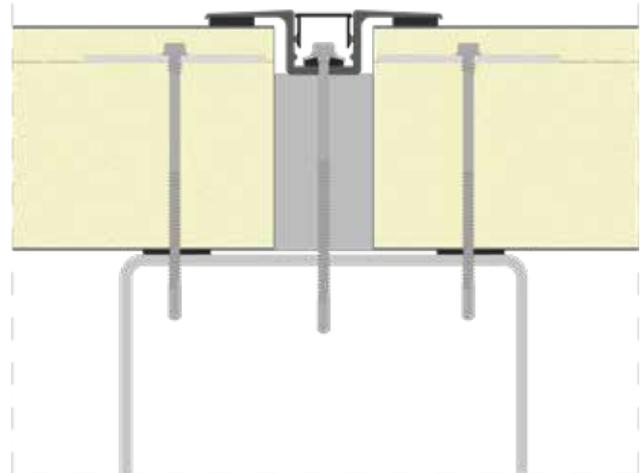
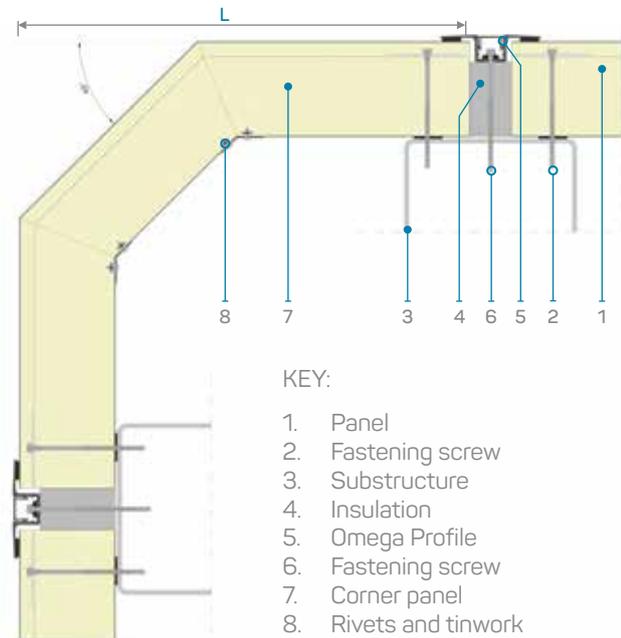
Piano Finish



Plisse Finish



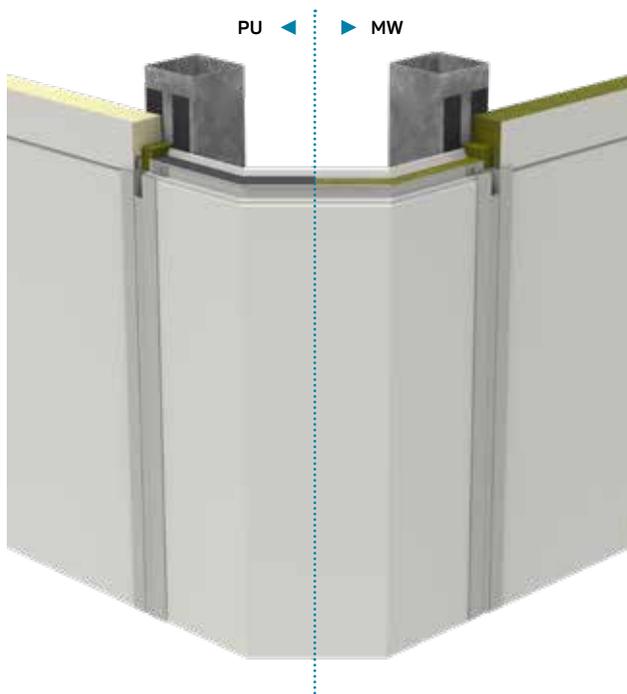
Corner Panel Mod.2



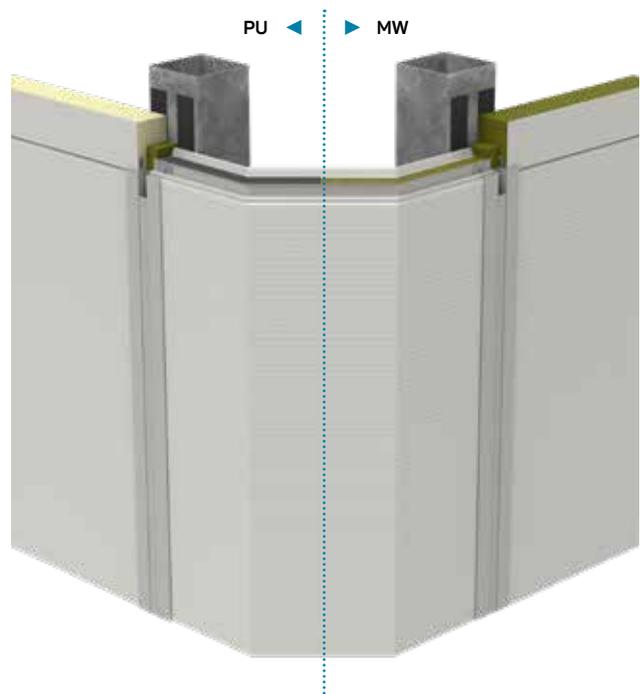
Corner Panel Mod.2	
Dimensions:	Side L max = 500mm
Insulation:	Polyurethane
	Mineral wool
Available integrations:	LED Lighting solutions
Finishes:	Piano
	Plissé
	Box
Available colours:	RAL colours available on request, Please check with Isopan

Panel for press-formed wall, can be used for walls with horizontal mounting configuration.

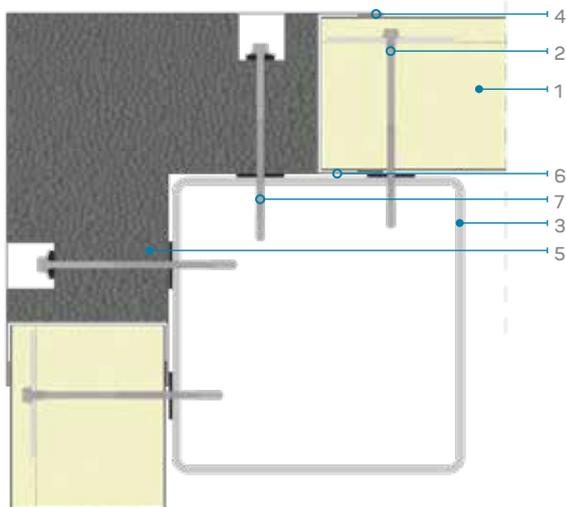
Piano Finish



Plisse Finish



RAC - Insulated corner fittings



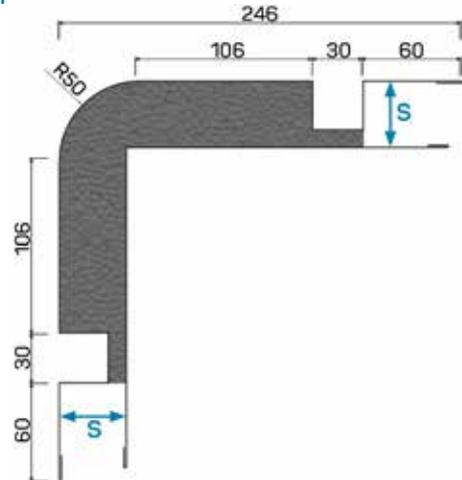
KEY:

- | | |
|--------------------|-------------------------|
| 1. Panel | 4. External metal sheet |
| 2. Fastening screw | 5. Insulation |
| 3. Substructure | 6. Internal metal sheet |
| | 7. Rac Fastening screw |

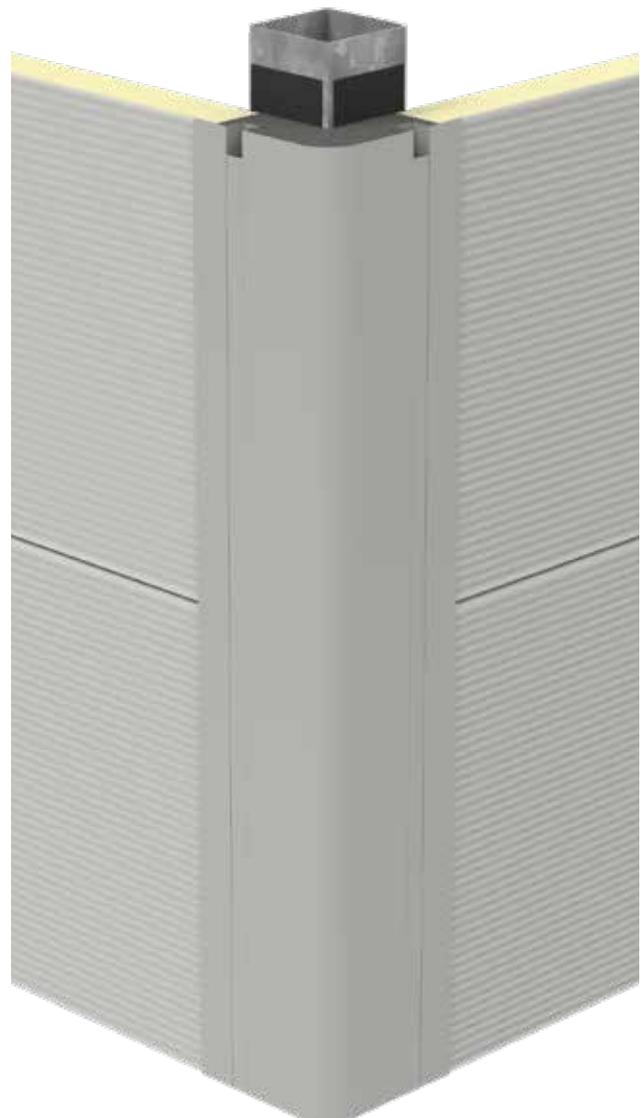
Insulated Corner Fitting Element made with double pre-painted and press formed metallic sheet facing and polyurethane foam insulating core.

Adaptable to the various thicknesses of ISOPAN wall panels, and featuring the relative housings for the screws, with covering system for the fastenings made with press formed sheet caps.

RAC R-1



S: NOMINAL PANEL THICKNESS



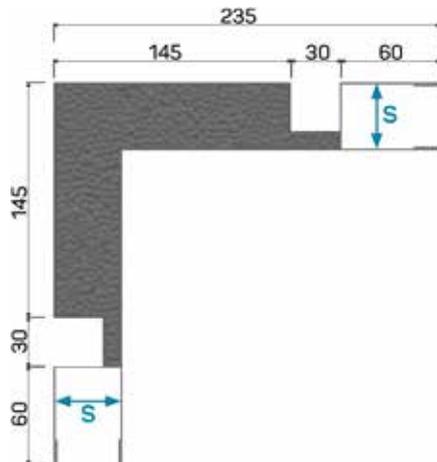
CHARACTERISTICS			
S:	R-1	Q-1	Q-2
40	●	●	●
50	●	●	●
60	●	●	●
72*	●	●	
80	●	●	●
92*	●	●	
100	●	●	
102*	●	●	
120	●		

* Thickness available only for Isoclass panel

Max. length*:	4500 mm
Available finish:	Smooth
Insulation:	Polystyrene
Overlapping length:	50mm
Available integrations:	LED Lighting solutions
Available colours:	Broad range of RAL colours

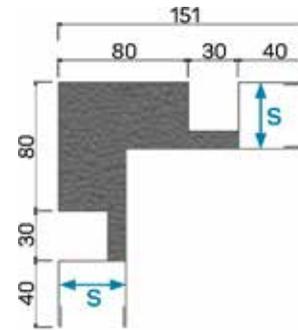
* For greater lengths, contact Isopan

RAC Q-1

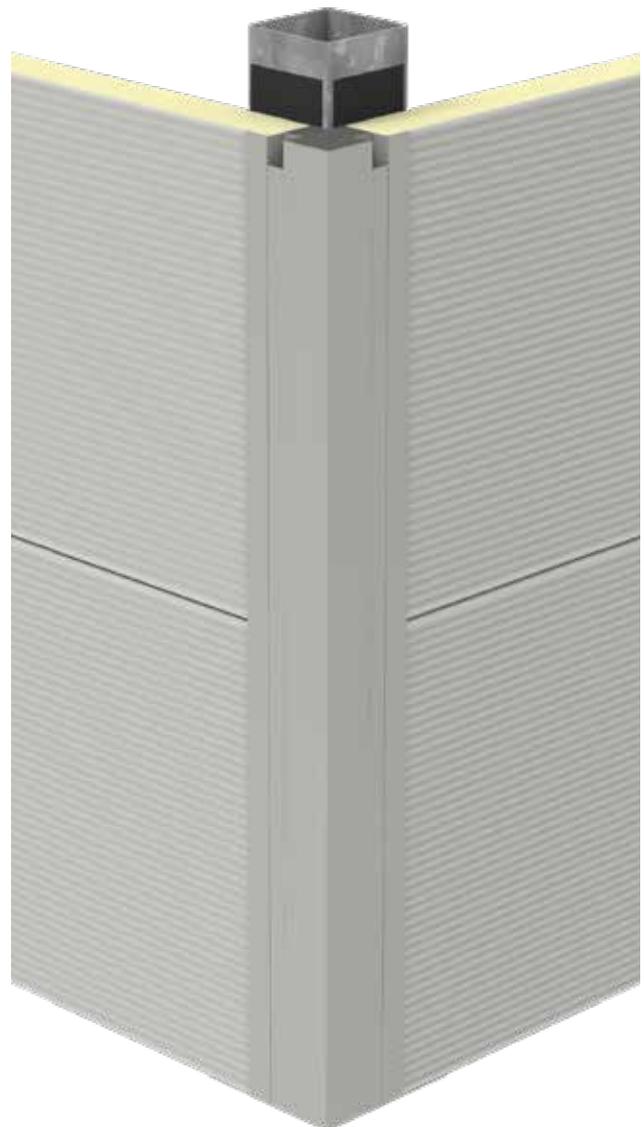
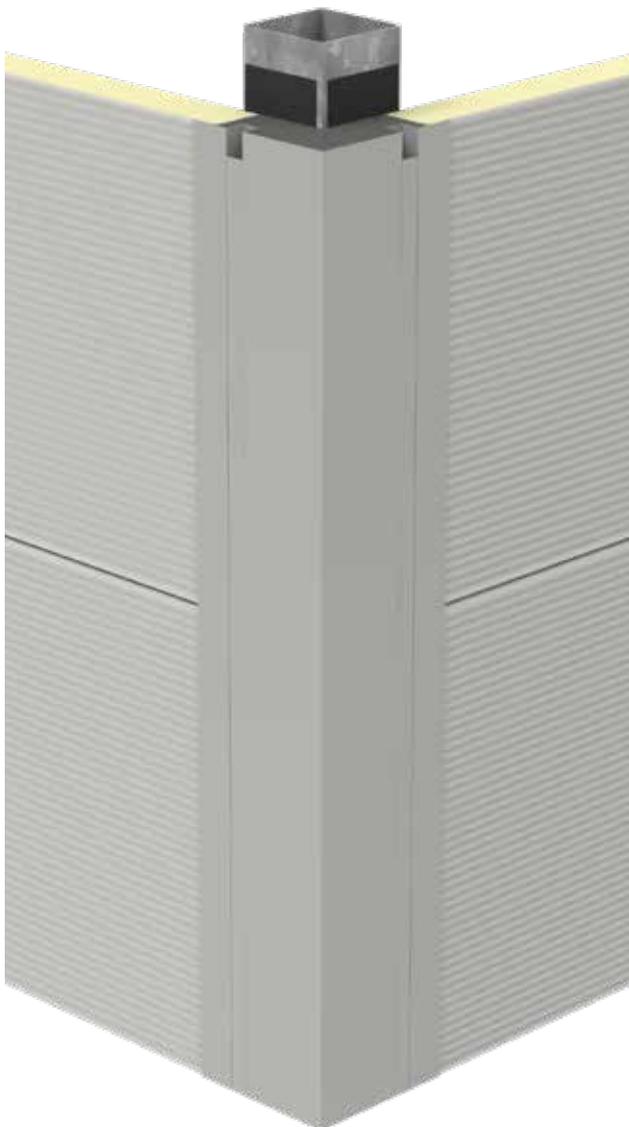


S: NOMINAL PANEL THICKNESS

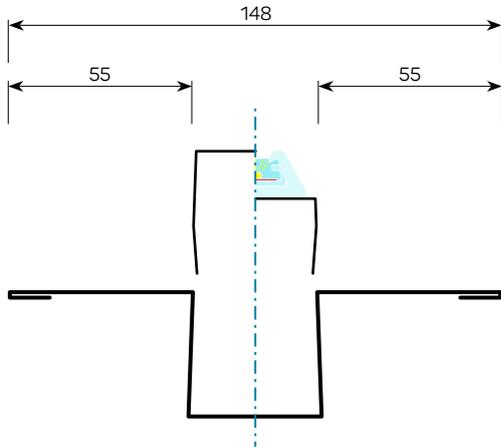
RAC Q-2



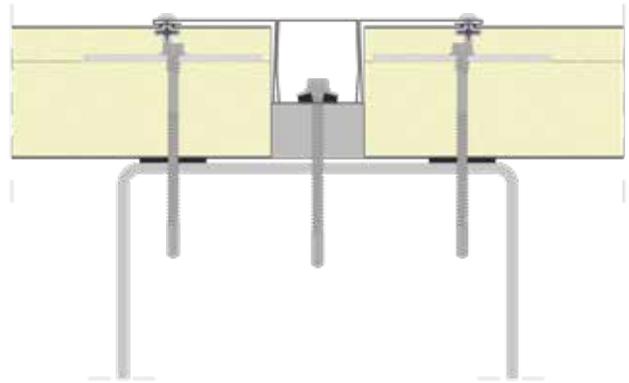
S: NOMINAL PANEL THICKNESS



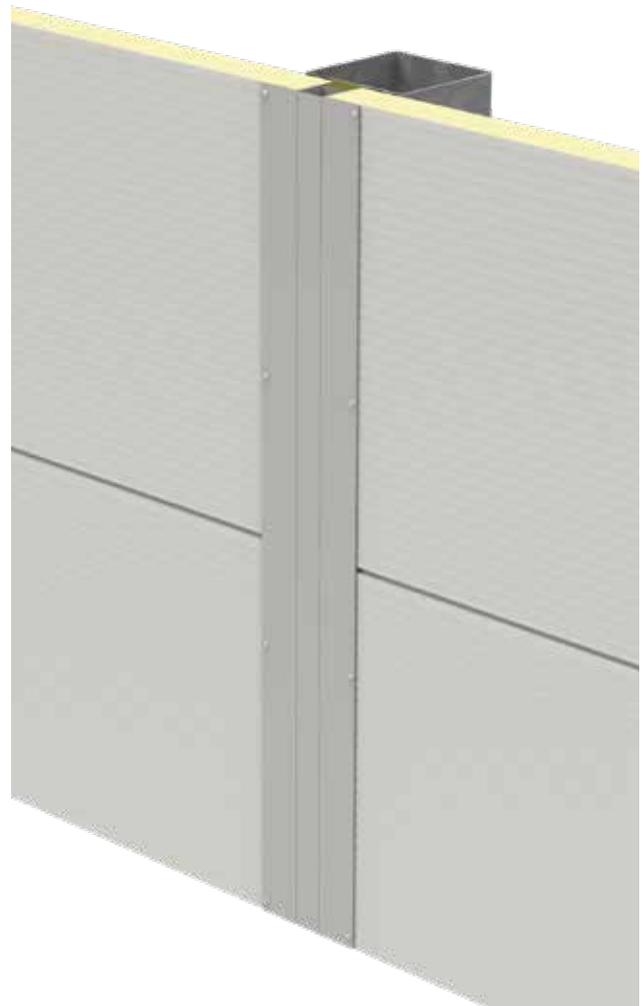
Joint cover ISO-L-52



ISO-L-52

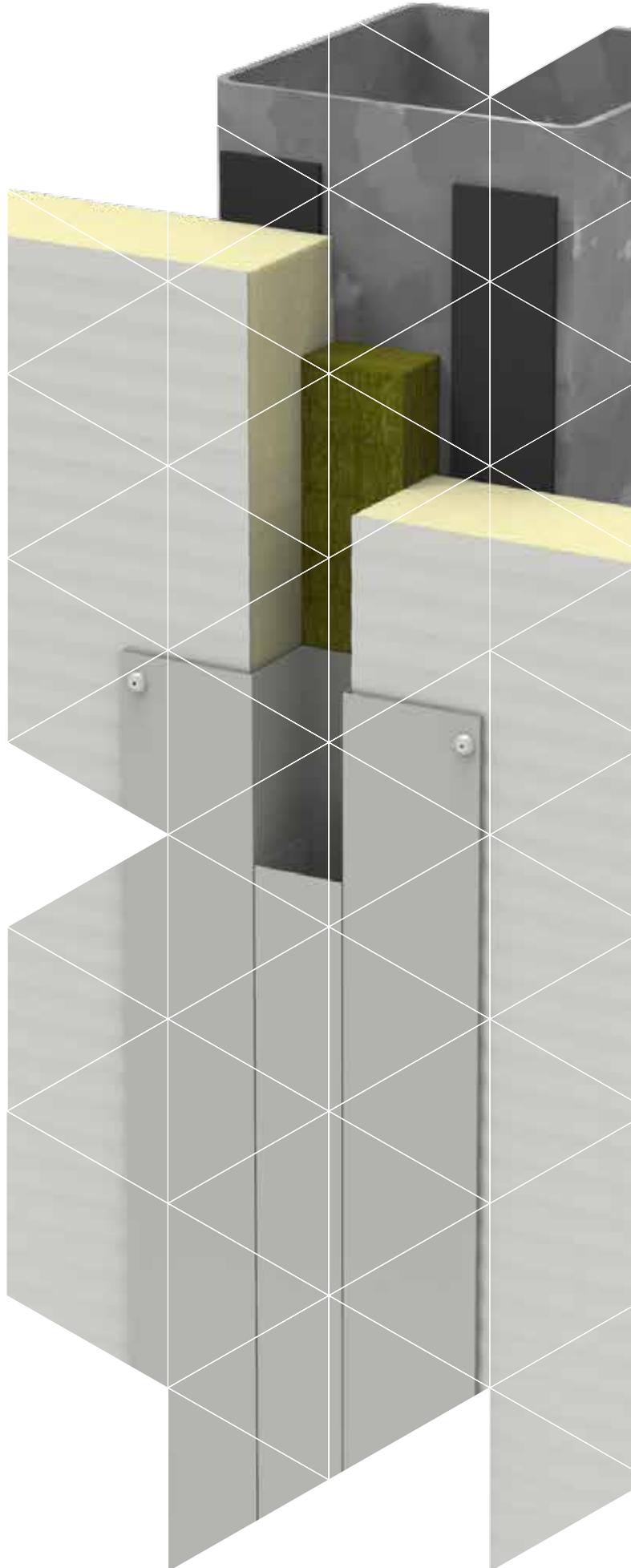
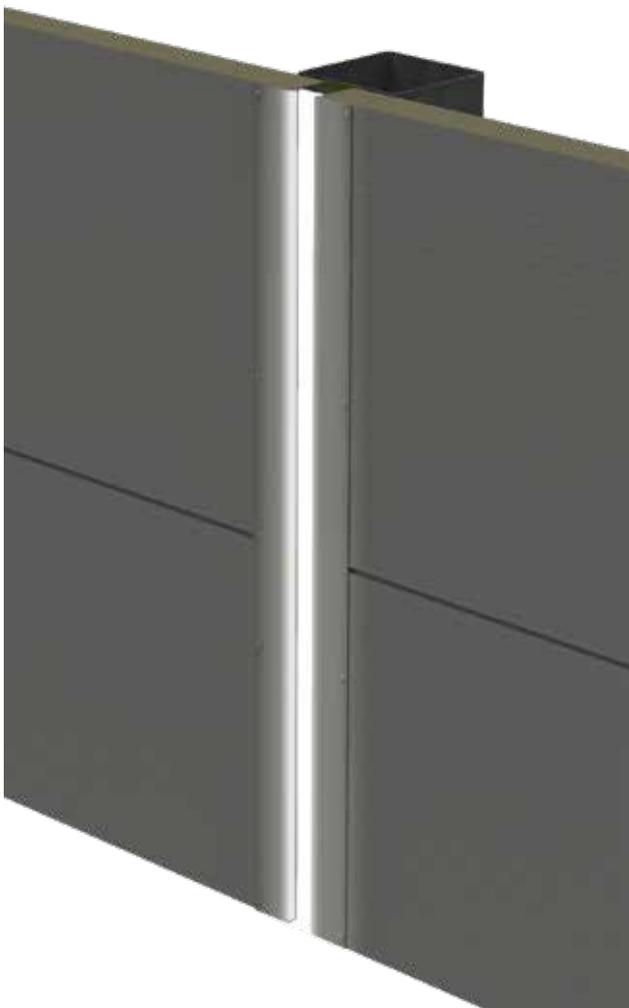
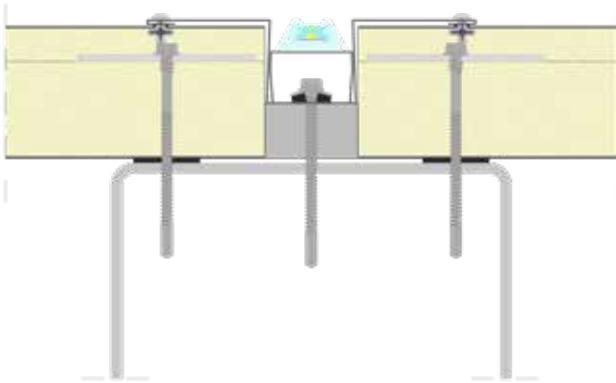


Pre-painted and press formed metallic sheet element used as a closing and protective accessory for the joining edges on walls built with ISOPAN sandwich panels. Integrable with accessories of the LED Lighting line.



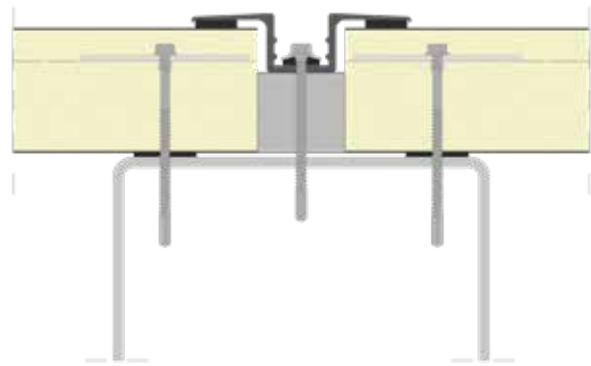
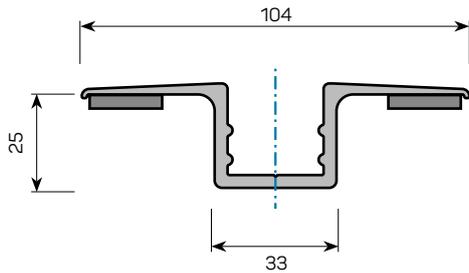
ISO-L-52	
Use:	Joint cover element for connection between wall panels, configuration with horizontal fastening.
Material:	Pre-painted press formed Steel Sheet
Max. length:	4500 mm
Available integrations:	ISO-L-52 LED
Available colours:	RAL colours available on request, Please check with Isopan

ISO-L-52 LED

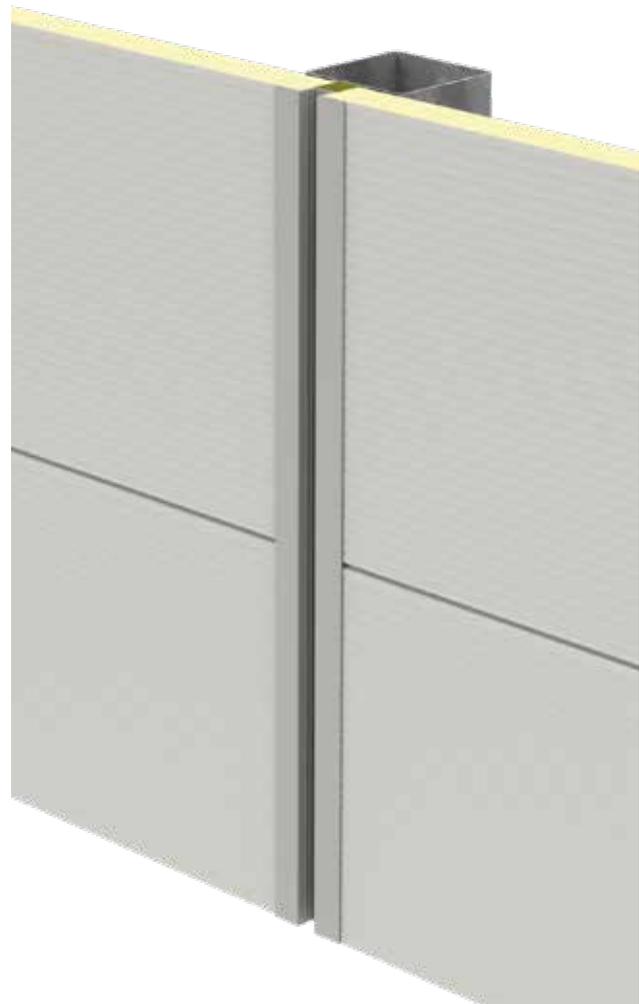


ADD Joint Extruded profiles

ADD Joint



Extruded Aluminium element used as a closing and protective accessory for the joining edges on walls built with ISOPAN sandwich panels.
Integrable with accessories of the LED Lighting line.

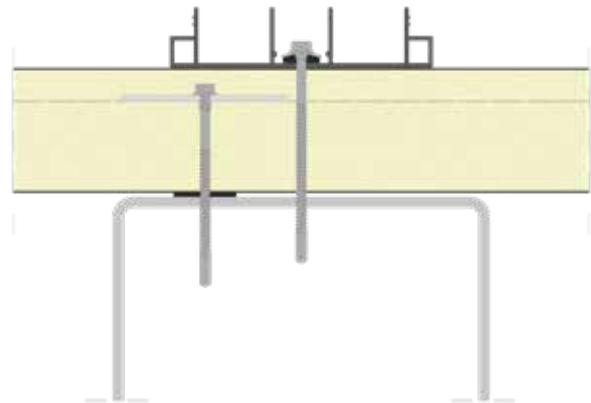
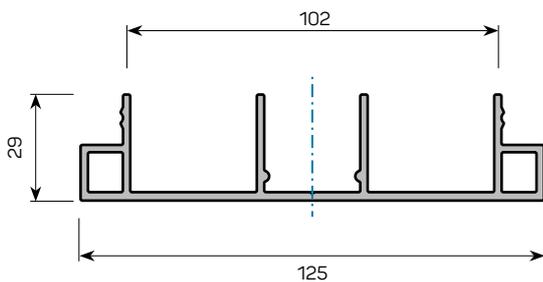


ADD Joint extruded profile

Use:	Joint cover element for connection between wall panels, configuration with horizontal fastening.
Material:	Extruded aluminium
Max. length:	4500 mm
Available integrations:	CLIP LED RP FLAT
	Natural anodised
Available colours:	RAL colours available on request, Please check with Isopan

ADD Fast Extruded profiles

ADD Fast



Extruded Aluminium element used as an aesthetic / architectural element, or for positioning integrative fastenings.
Integrable with accessories of the LED Lighting line.



ADD Fast extruded profile

Use: Architectural element for wall panels, configuration with horizontal fastening.

Material: Extruded aluminium

Max. length: 4500 mm

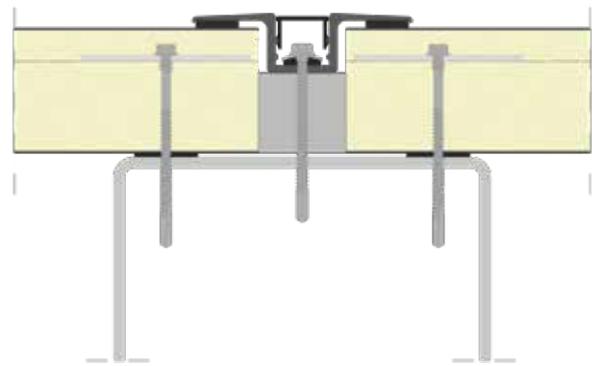
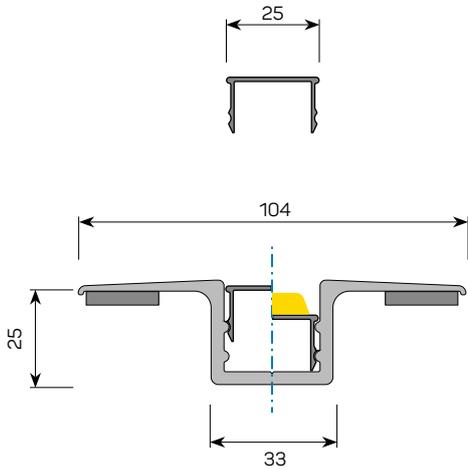
Available integrations: CLIP
LED
RP
FLAT

Natural anodised

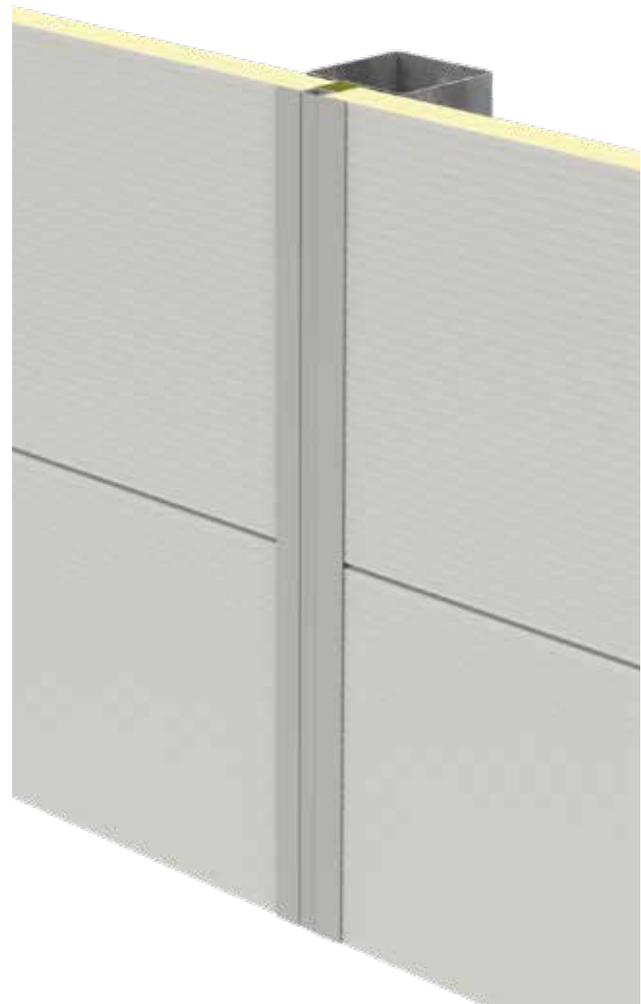
Available colours: RAL colours available on request, Please check with Isopan

Clip / LED extruded profiles

ADD Joint CLIP

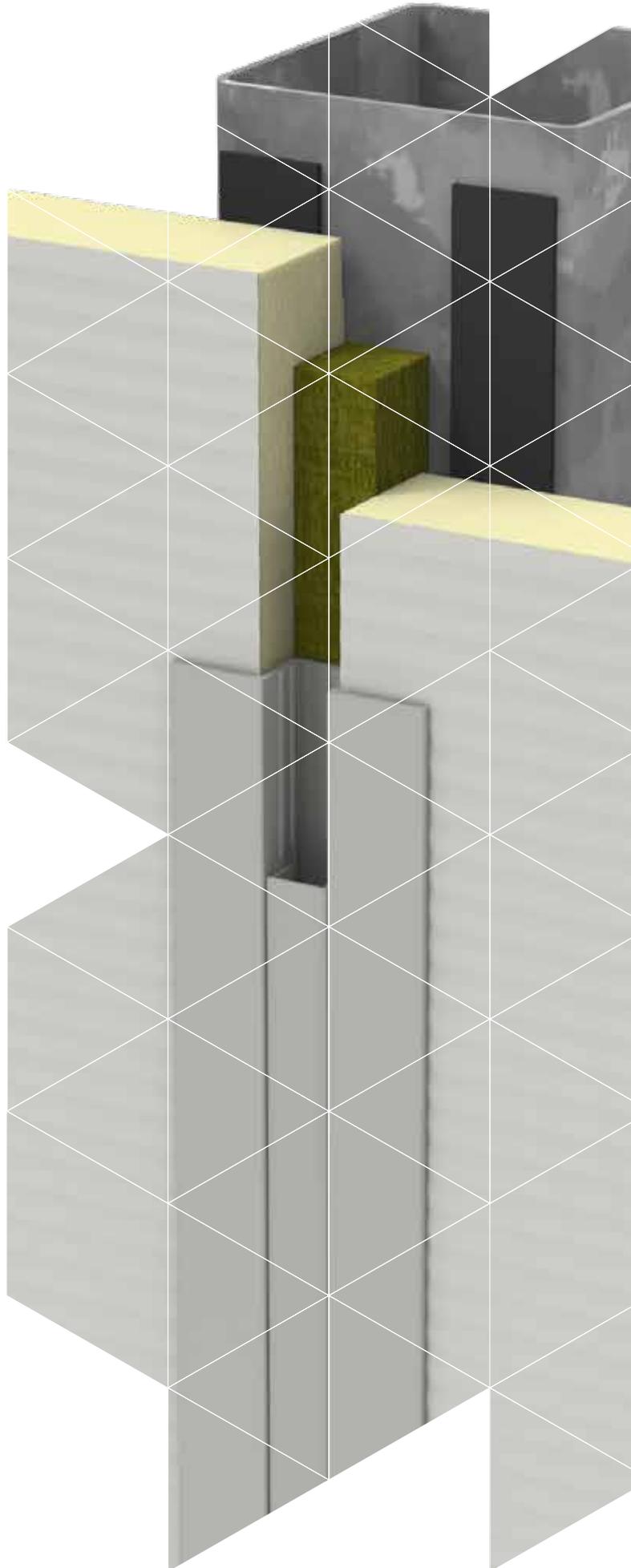
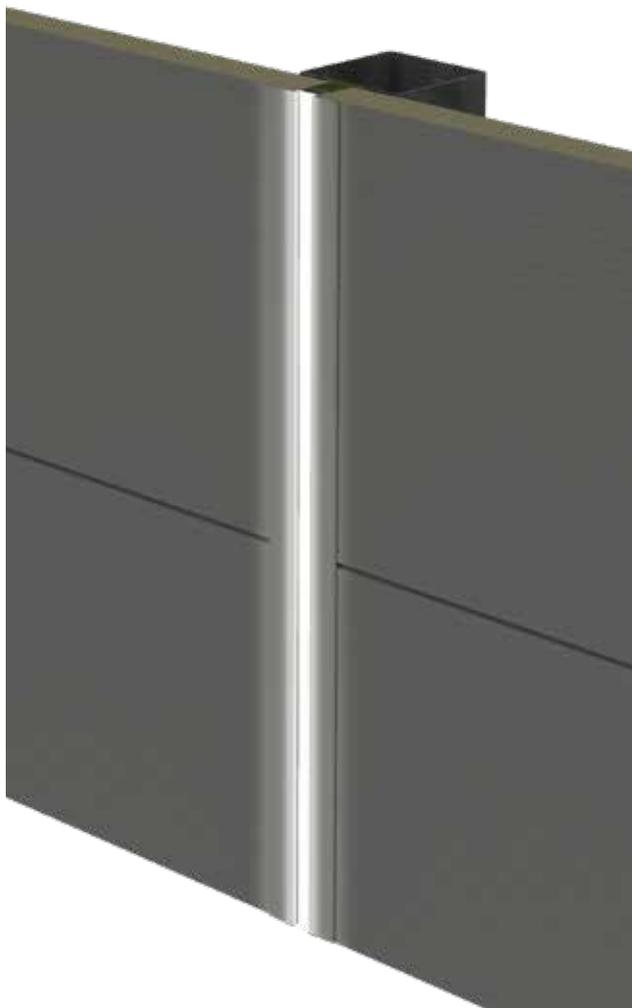
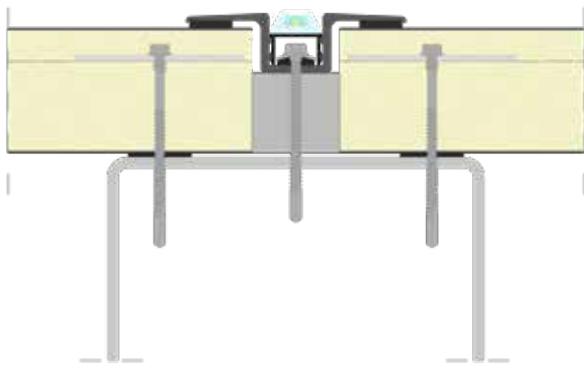


Extruded Aluminium element, used as a closing profile compatible with ADD Joint, to protect and conceal the fastening.

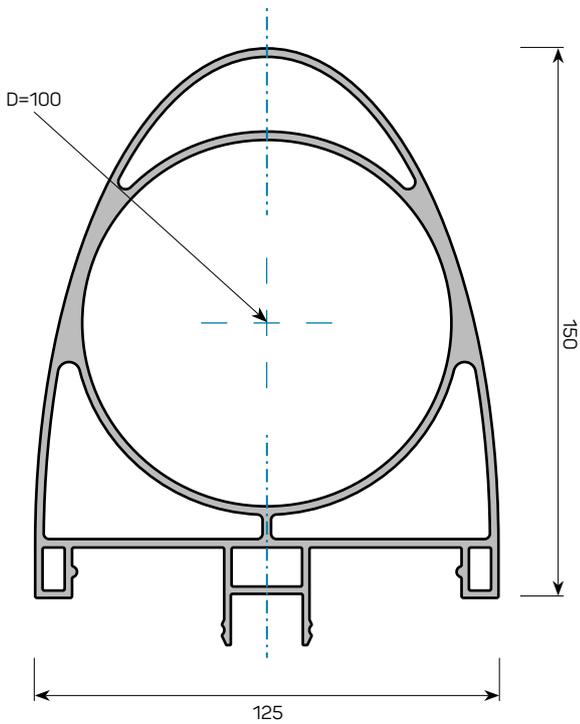


ADD Joint CLIP and LED extruded profile		
ARTICLE	CLIP	LED
Use:	Closing cap for fastening screw protection	Closing cap for fastening screw protection, featuring LED Lighting system
Material:	Extruded aluminium	Extruded aluminium with LED strip
Max. length:	4500 mm	
Compatible with:	ADD Joint ADD Fast	
	Natural anodised	
Available colours:	RAL colours available on request, Please check with Isopan	

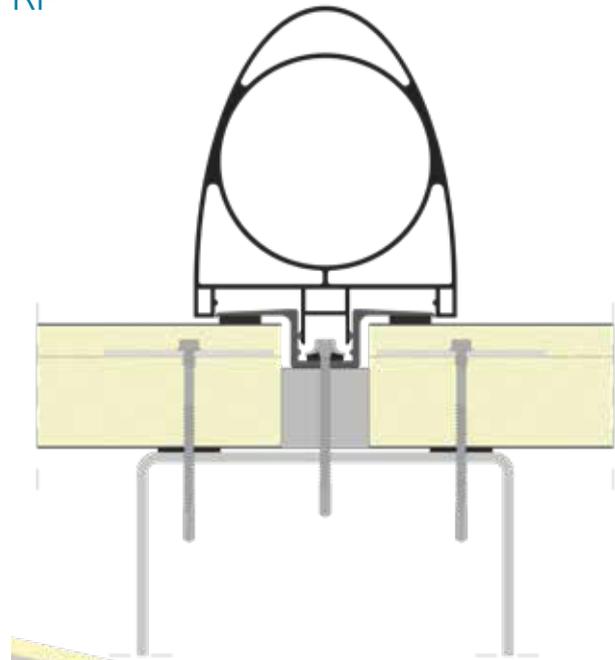
ADD Joint
LED



RP extruded profiles



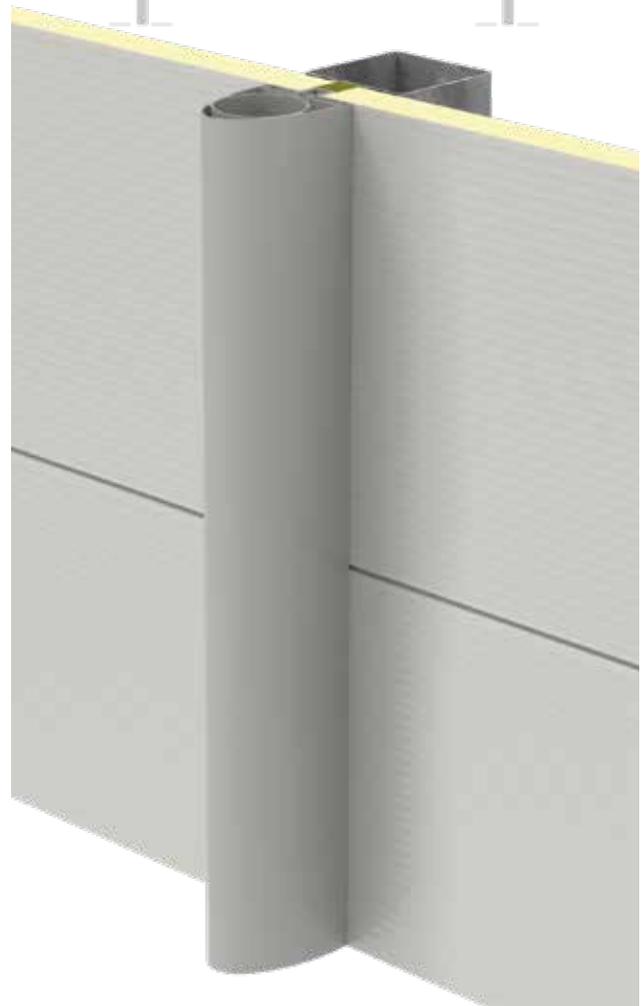
ADD Joint
RP



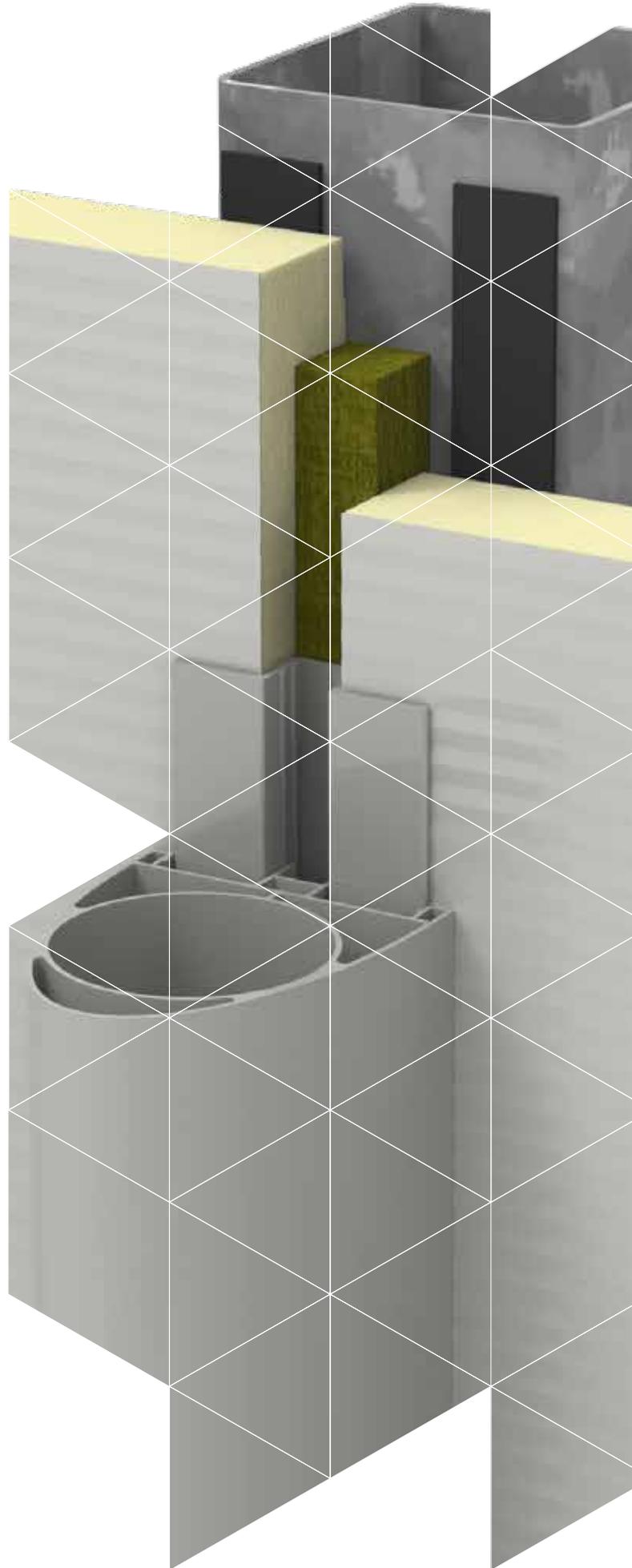
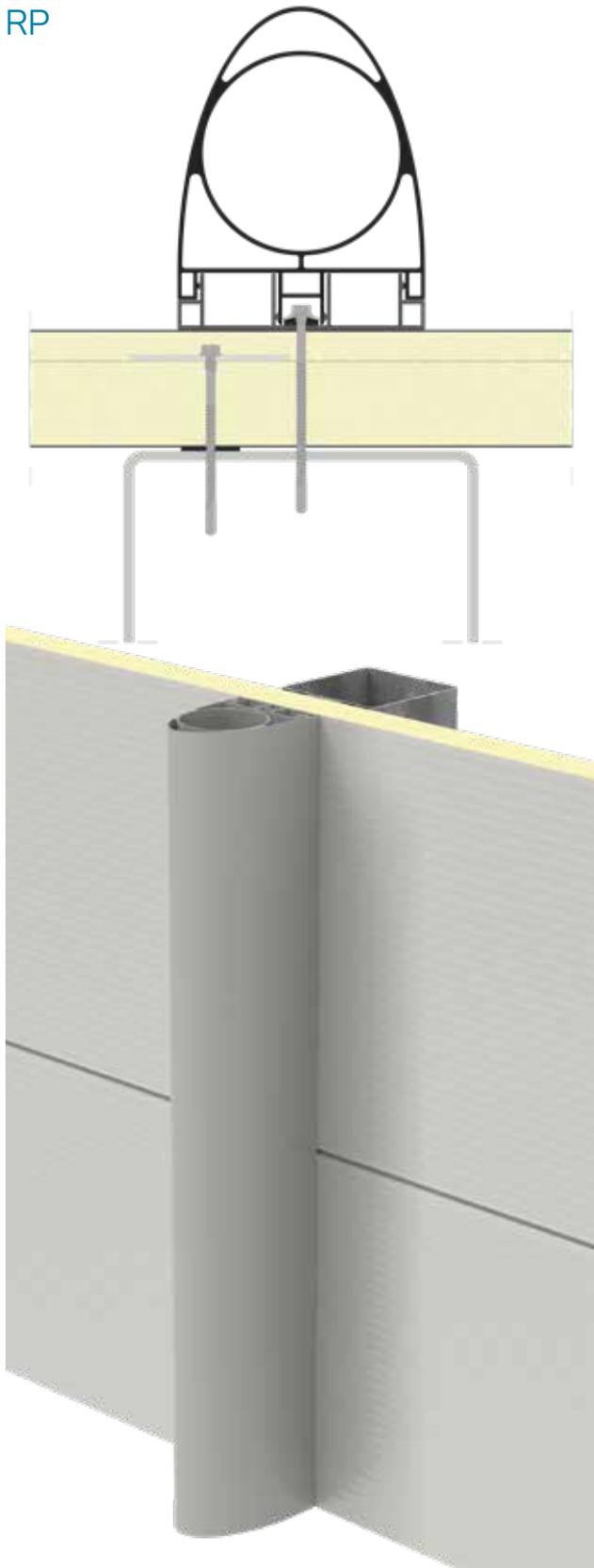
Extruded Aluminium element, that can be used as an aesthetic or plant engineering containment profile. Compatible with ADD Joint and ADD Fast profiles.

RP extruded profile

Use:	Architectural extruded profile, that can be used as a compartment to pass systems and pipes through
Material:	Extruded aluminium
Max. length:	4500 mm
Compatible with:	ADD Joint ADD Fast
	Natural anodised
Available colours:	RAL colours available on request, Please check with Isopan

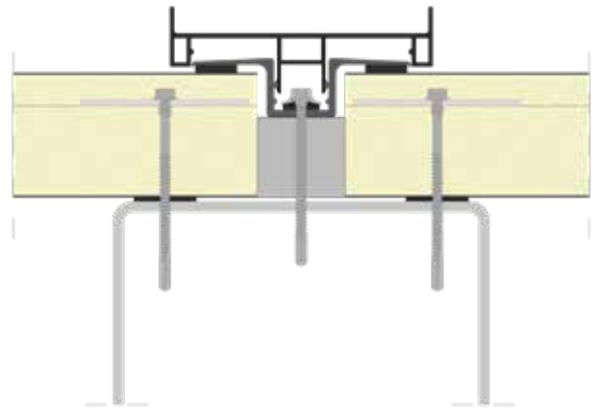
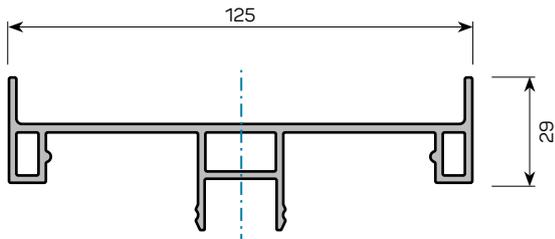


ADD Fast
RP



Flat extruded profiles

ADD Joint FLAT



Extruded Aluminium element, that can be used as an aesthetic profile.
Compatible with ADD Joint and ADD Fast profiles.

FLAT extruded profile

Use: Architectural extruded profile, that can be used as an aesthetic element

Material: Extruded aluminium

Max. length: 4500 mm

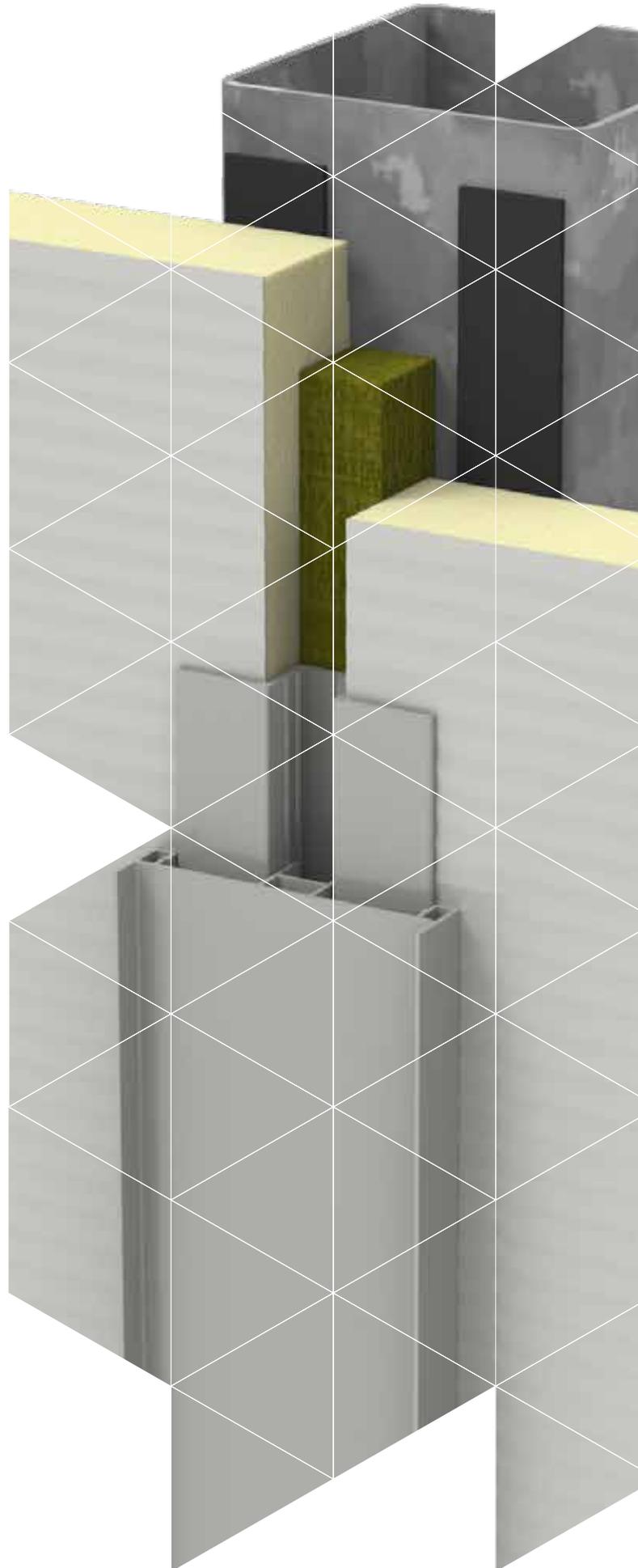
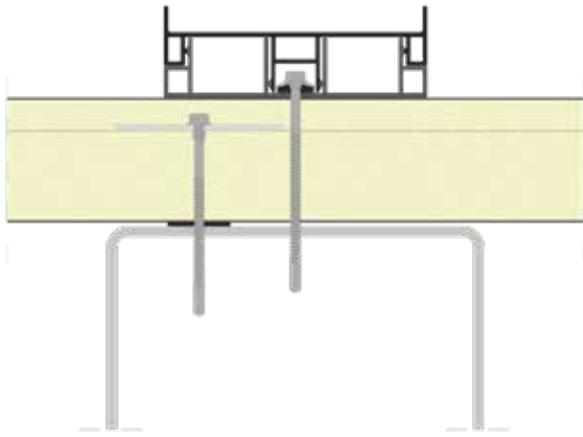
Compatible with: ADD Joint
ADD Fast

Natural anodised

Available colours: RAL colours available on request,
Please check with Isopan

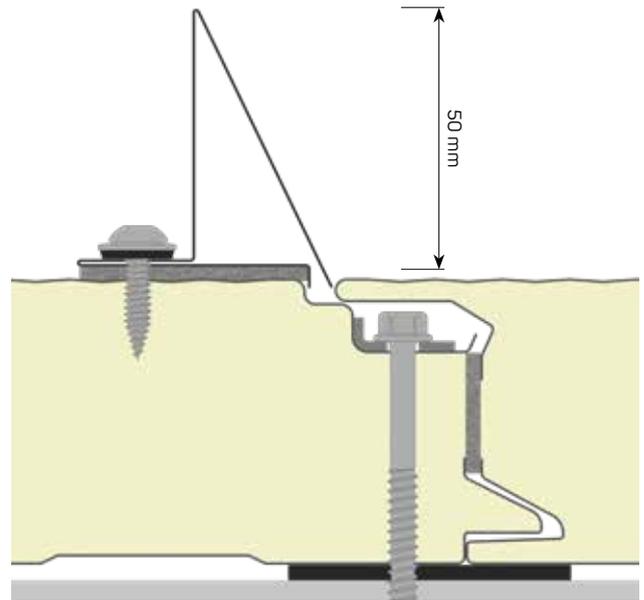
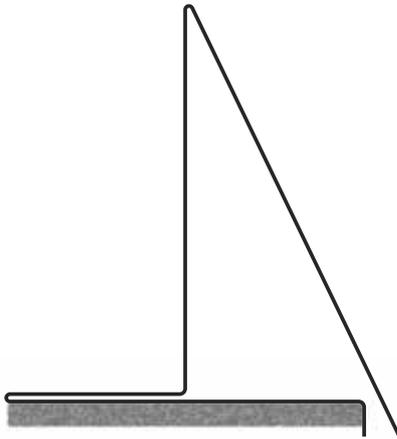


ADD Fast
FLAT



ADD Smart profiles

Profile
ADD Smart



Decorative profile composed of pre-painted and press formed galvanised steel metal sheet.
For application on the joint between panels, usable for both vertical and horizontal configuration.

ADD Smart profile

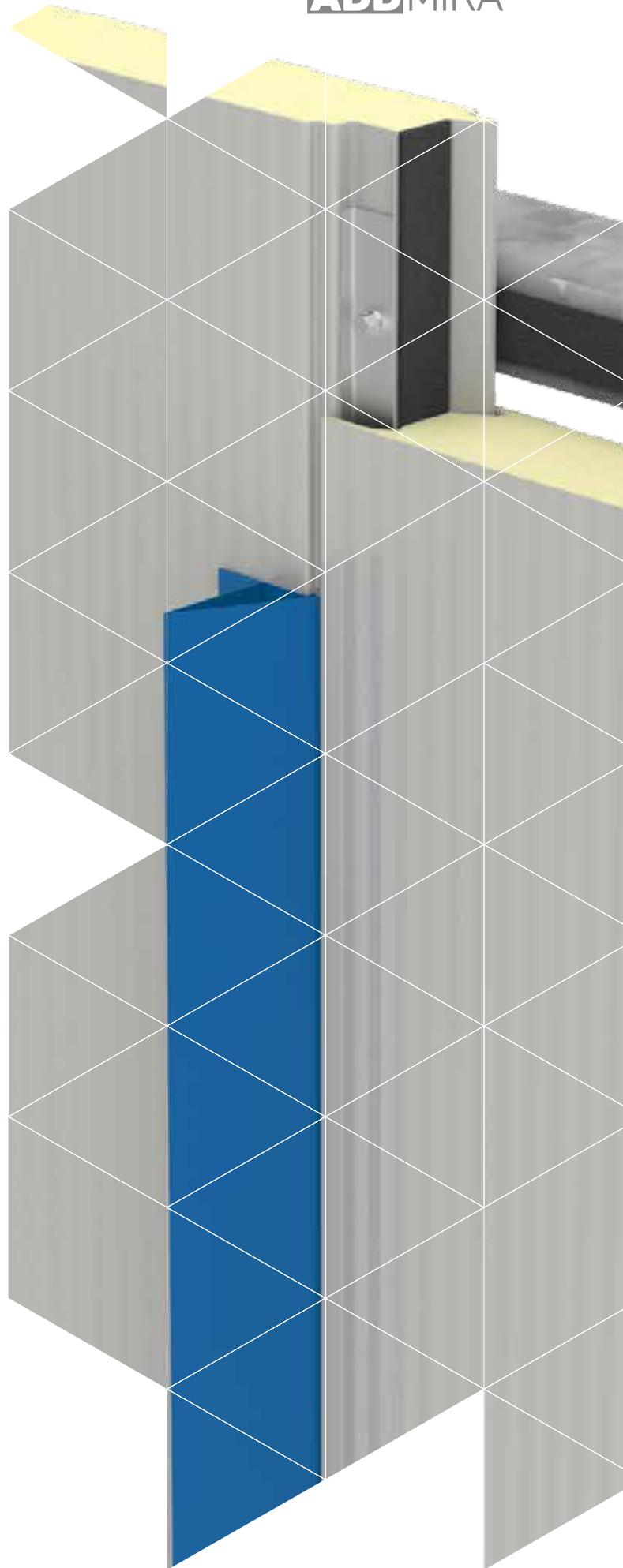
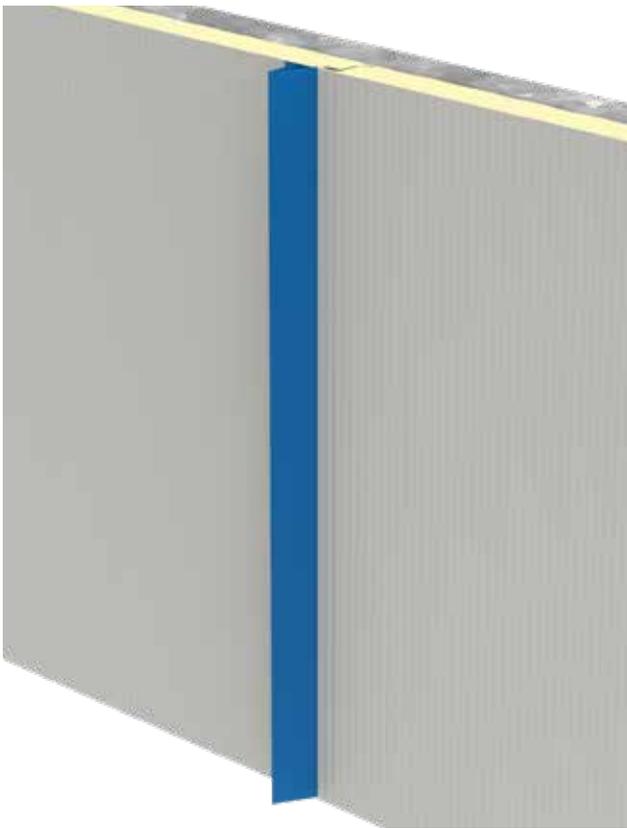
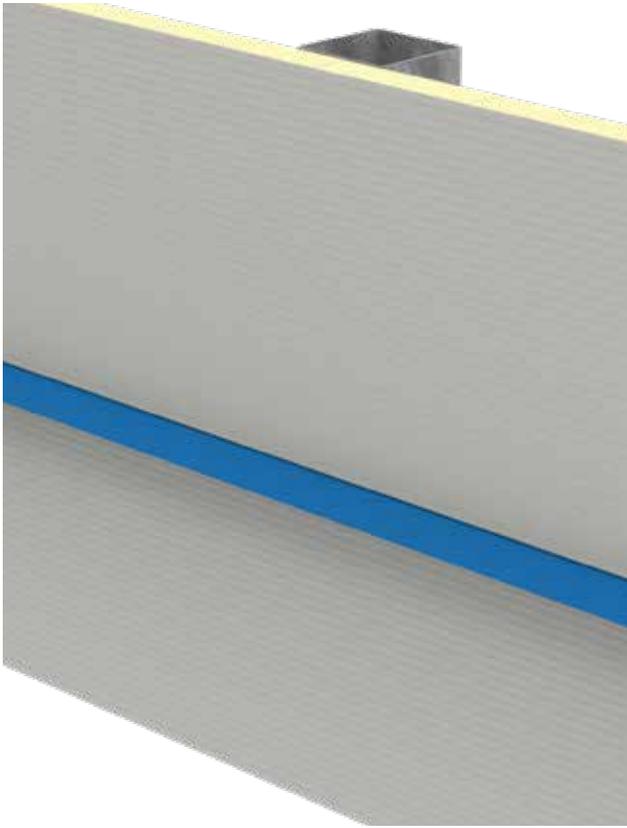
Use: Pre-painted galvanised steel decorative profile

Material: Press formed galvanised steel

Max. length: 4500 mm

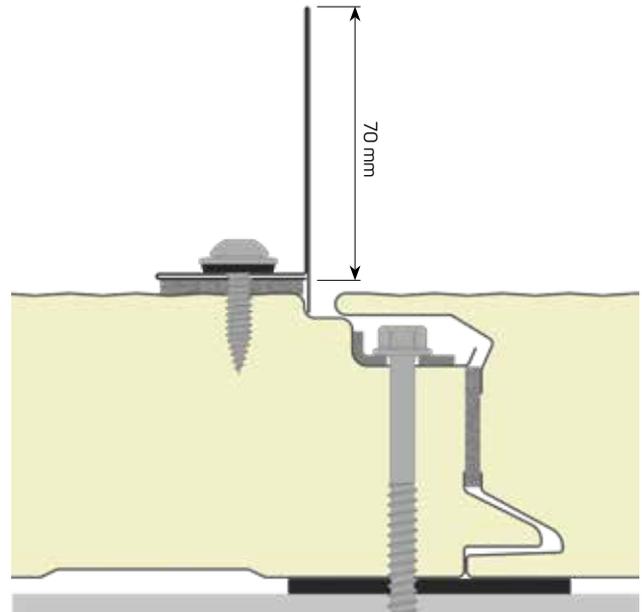
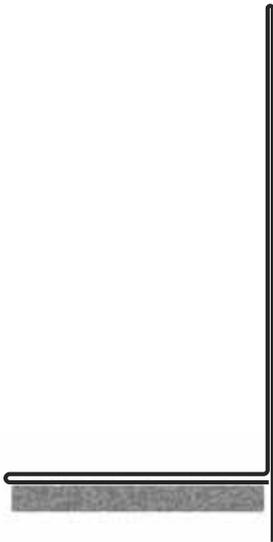
Available colours: Contact Isopan

ATTENTION:
The components may be subject to slight variation and dimensional tolerances.
Please check with Isopan.



ADD Smart Easy Profiles

ADD Smart Easy



Decorative profile composed of pre-painted and press formed galvanised steel metal sheet.
For application on the joint between panels, usable for both vertical and horizontal configuration.

ADD Smart Easy profile

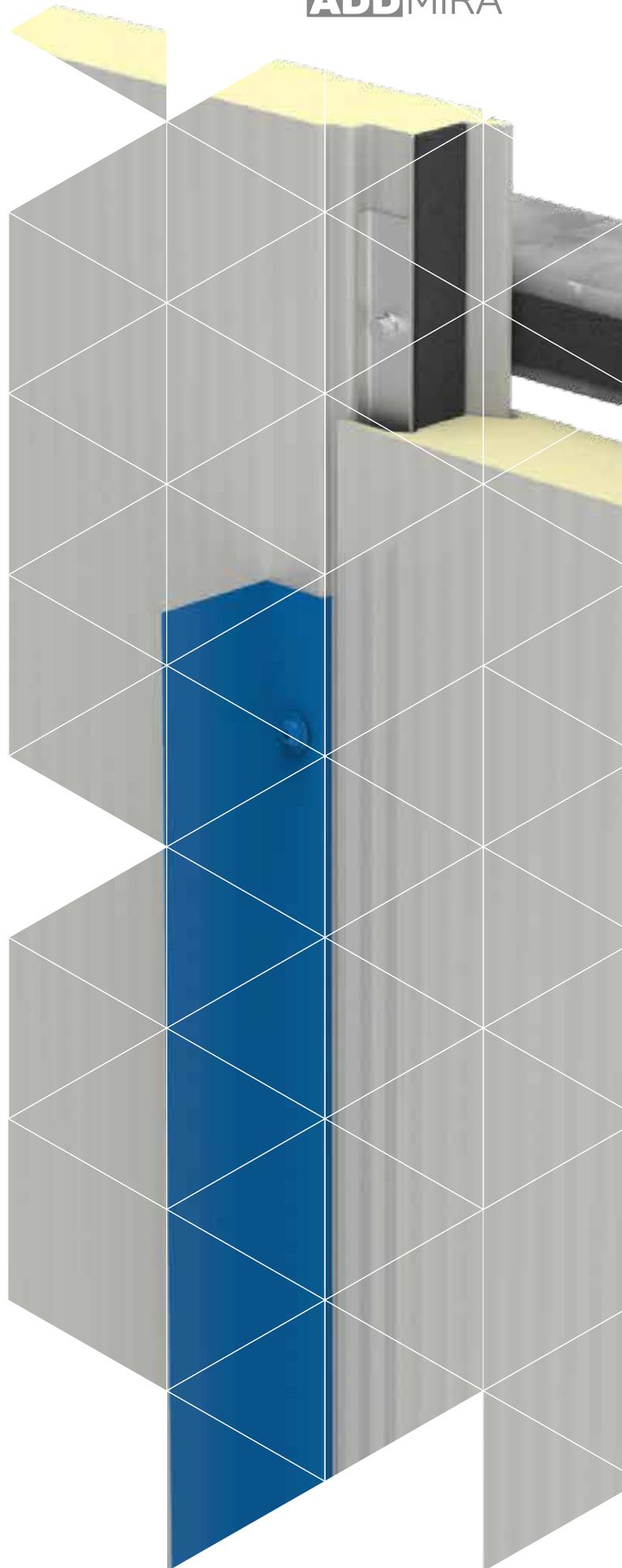
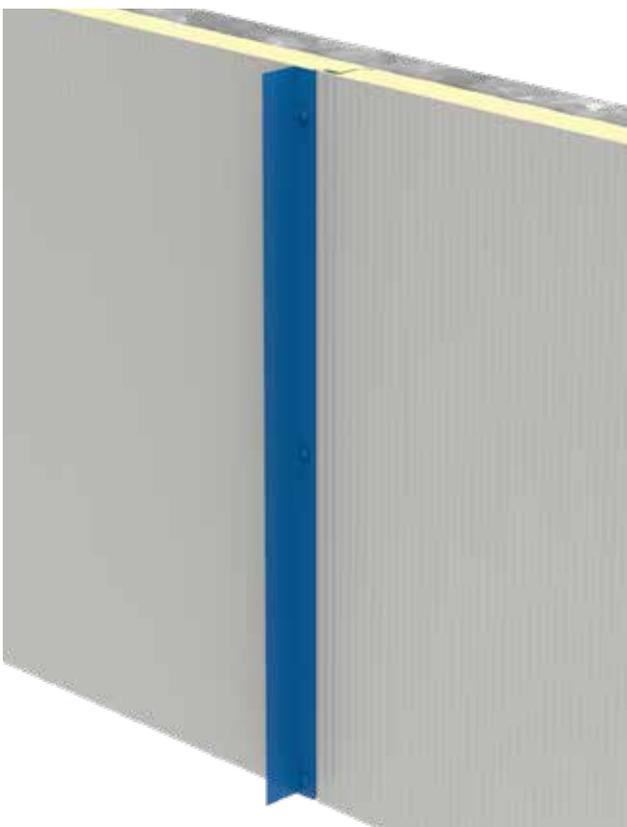
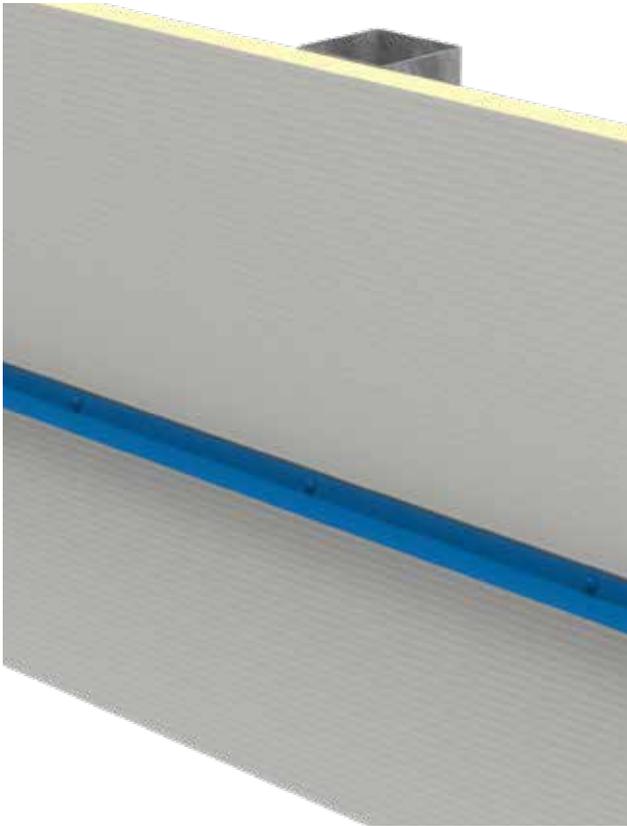
Use: Pre-painted galvanised steel decorative profile

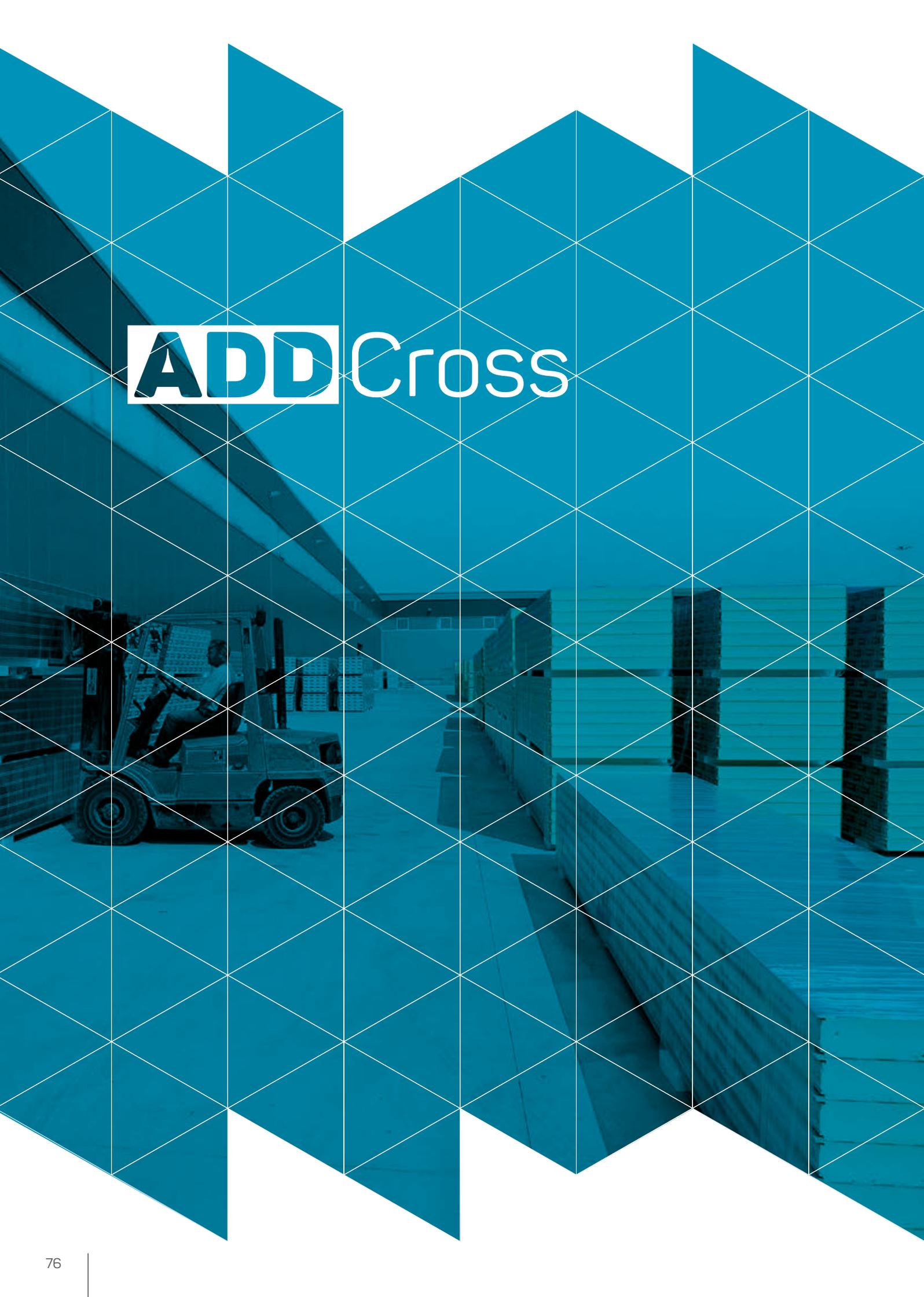
Material: Press formed galvanised steel

Max. length: 4500 mm

Available colours: Contact Isopan

ATTENTION:
The components may be subject to slight variation and dimensional tolerances.
Please check with Isopan.





ADD Cross

Facing
Gres Skin

Page 78

Facing
Natural Skin

Page 79

Facing
Cork Skin

Page 80

Joint cover
Concrete Skin

Page 81

Facing
In-Hpl

Page 82

Joint cover
Synthetic Skin

Page 83



ADDCross

Architectural facings

The ADDCross solutions include systems and products that are directly applicable on the panels in the ADDVision range, with exclusively Off-Site technology. Production and assembly chain all in-house, certified and guaranteed.

PERFORMANCE

The core of the system's performance is **comprised of the Isopan wall panel**: the insulating core ensures high performance in terms of thermal insulation. Thanks to the properties of the insulating materials and metallic facings, performance remains unchanged over time.

ARCHITECTURAL FLEXIBILITY

The ADDCross system was developed to offer the maximum architectural flexibility to the world of design, in terms of finish and colour, as well as shape and dimension.

A range of solutions that complement each other perfectly, that emancipates panel insulation into a creative dimension of design.

NEW BUILDS AND REFITTING

ADDCross includes customisable types of solutions, so as to offer systems that can adapt to any project.

Particularly, thanks to the performance and aesthetic features of the products, it represents a valid solution in the world of Refitting buildings.



OFF-SITE application

The future is our present

Quality and safety have always been the standard at Isopan. Our technologies are developed to reduce the need for on-site intervention operations to a minimum.

In fact all of the ADDCross system elements are pre-assembled off-site at our production facilities.

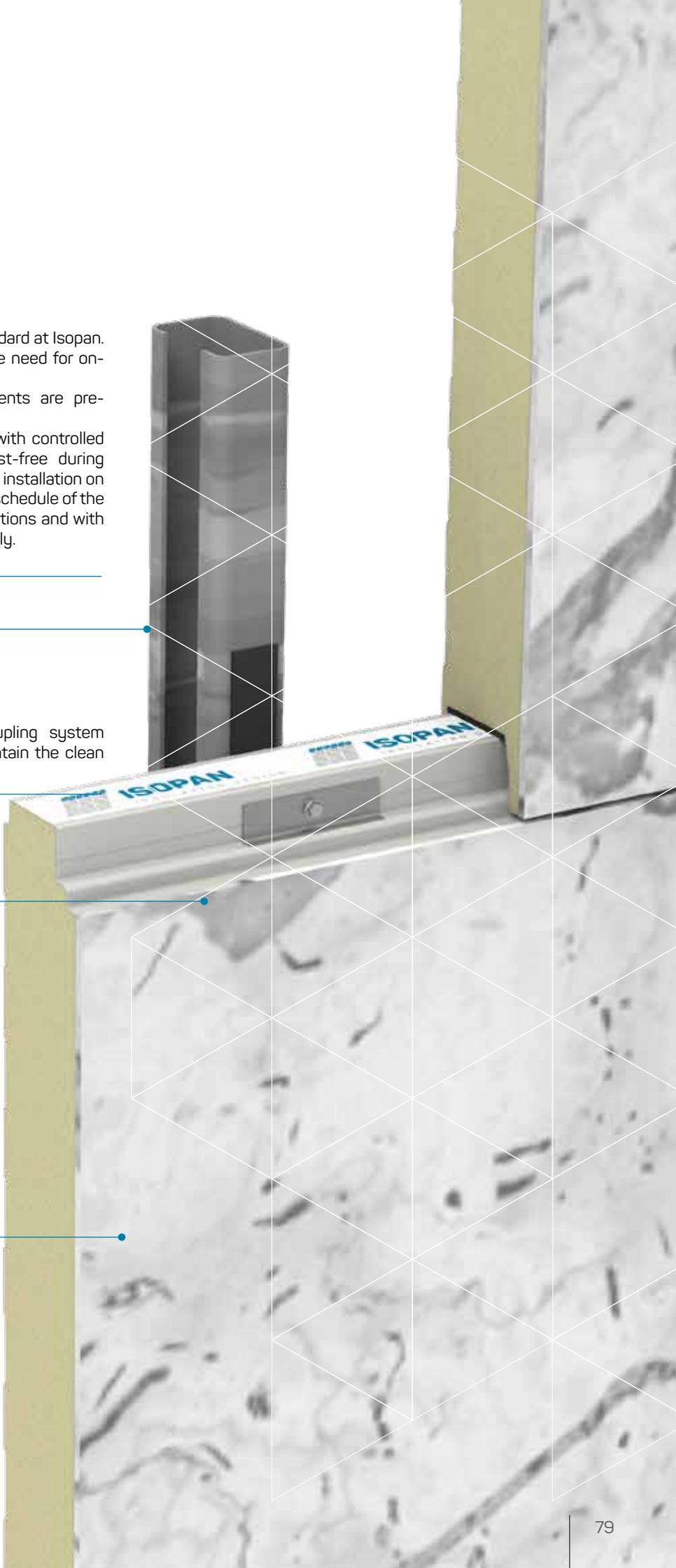
Certified and guaranteed processing chains with controlled temperature and humidity ranges, and dust-free during material processing. A system that is ready for installation on site, with relative application instructions and schedule of the elements. Easy to apply in any weather conditions and with the confidence that installation will go smoothly.

COUPLING WITH CONCEALED FASTENINGS

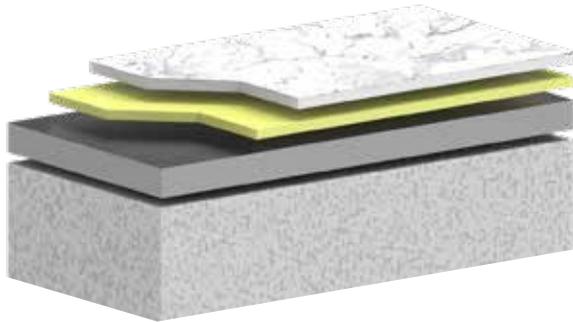
The configuration of the male-female coupling system conceals the fastening screws so as to maintain the clean look and aesthetics of the façade.

DESIGN

The vast range of facings offers the possibility of fulfilling any performance or design-related need, as it includes both natural and synthetic facings distinguished by exclusive properties.



Gres Skin facing



A thin porcelain stone-based facing, characterised by planarity, durability and elegance. Thanks to its low thickness, the solution offer easy installation and handling.

The broad variety of colours and patterns makes Gres Skin ADDCross Facing a solution where the worlds of architecture and design unite through a renewed balance between construction and nature. Essential and strict atmospheres side by side, playing with the light and creating patterns: from natural stone finishes to the range of cement, wood and oxidised materials.

Perfect reproductions guaranteeing the stability of the colour and shape of Porcelain Stone



Characteristics

Compatible with panels in the ADDVision range

Variable thickness of the Gres facing, depending on colour and/or type: 3.5, 5.5, 6mm

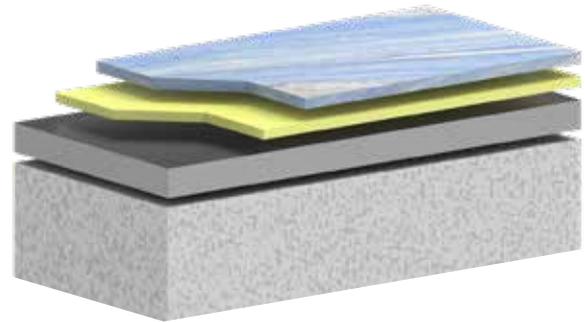
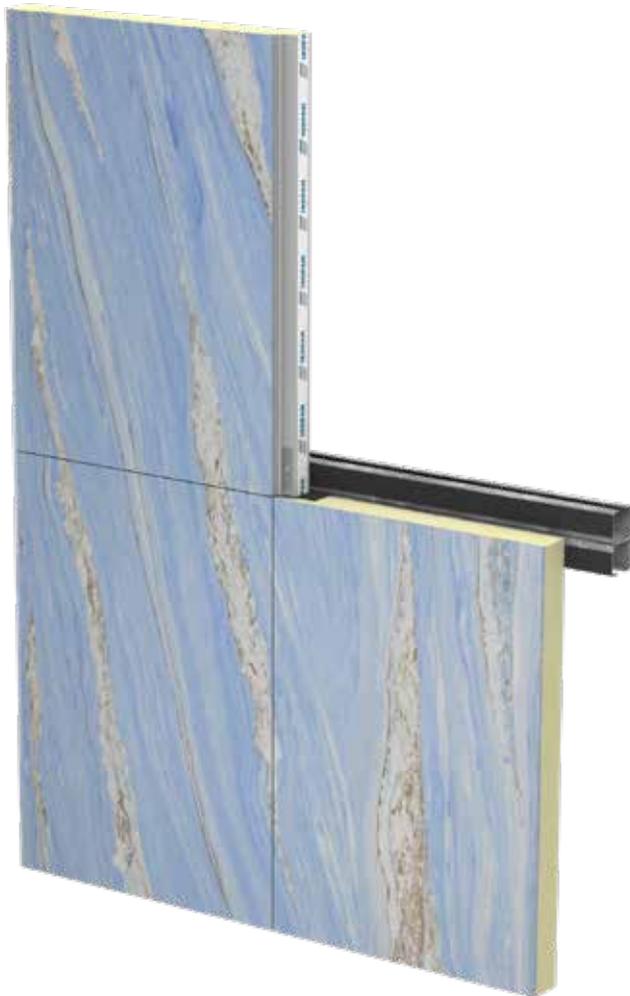
Great variety of finishes, colours and types



For detailed information in versions, available colours and technical information, please contact Isopan.



Natural Skin facing



Facing composed of natural stone-based slabs, light and flexible with natural slits that overturn the concept of stone.

The variations in colour, veins and consistency are the very characteristics of natural stone. Thanks to these aspects the product can be considered unique in its naturalness. A vast range of colours, types and substrates makes Natural Skin ADDCross a suitable solution for any architectural need.

Characteristics

Compatible with panels in the ADDVision range

Fine thickness of the Natural Stone facing, about 2mm

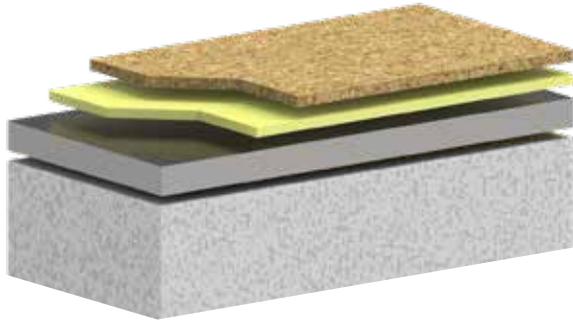
Available in Ardesia or Quarzite

Specific weight = about 1.5 kg/m²



For detailed information in versions, available colours and technical information, please contact Isopan.

Cork Skin facing



Facing made with cork, a natural resource with excellent insulating properties, elastic, non-toxic and water-proof. Cork, representing 80% of the composition, is mixed with eco-compatible water-based resins and supplied in a semi-dense form, ready for use. The 'system' requires the synergy of anchoring, setting and primer agents, for the best resolution of specific issues.

This allows the creation of a vast range of solutions and offers numerous advantages: it replaces water-proofing products, bituminous sheaths, traditional thermal insulation, considerably improving the performance of internal and external facings.

Thanks to the elastomeric properties, it fixes and avoids the problem of micro crazing or micro cracking, making the wall or surface it is applied to homogeneous and effectively compensating for both settling and thermal dilation.

Characteristics

Compatible with panels in the ADDVision range

Application through specific stages of installation and tools

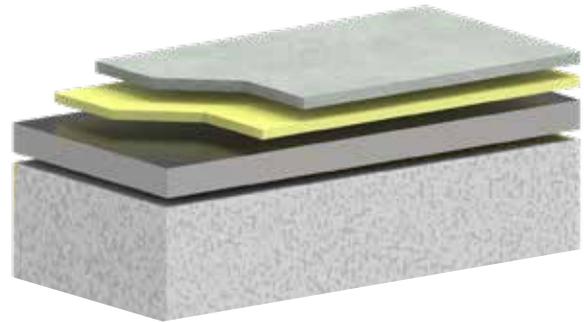
Great variety of colours and finishes



For detailed information in versions, available colours and technical information, please contact Isopan.



Concrete Skin facing



Facing comprised of extremely resistant and versatile slabs, made with autoclaved Portland cement, with added cellulose fibres and sand. The system is suitable for any type of load bearing structure (concrete, steel, wood) and makes it possible to create façades with exposed joints, seamless façades, ventilated façades and architectural elements. It is applied to sandwich panels with specific adhesives.

Characteristics

Compatible with panels in the ADDVision range

Variable thickness, of 10mm or 12mm

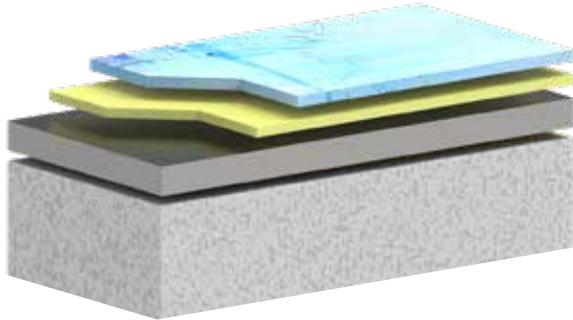
Non-combustible Facing (Reaction to fire A2-s1, d0)

Weight = from 12 to 18 Kg/m²



For detailed information in versions, available colours and technical information, please contact Isopan.

In-Hpl facing



Homogeneous panel made of 30% reinforced thermosetting resins with 70% pressed cellulose fibre in conditions of high pressure and high temperature. Thanks to the innovative technology for surface treatment, the panels feature a surface integrated with the core, compact and decorative, obtained through the use of pigmented polyurethane-based resins. The surface is non porous and easily to clean even in case of acts of vandalism such as graffiti. It does not retain dirt and prevents flaking.

The surface of IN-HPL panels is scratch-, impact-, chemical and atmospheric agent-proof and guarantees colour stability over time, the only one in the field of exterior facings, with a result of 4-5 on the grey scale, in compliance with the currently strictest standard EN 20105-A02 with ten-year European warranty of the producer.

Characteristics

Compatible with panels in the ADDVision range

Thickness between 6 and 13mm

Great variety of colours and patterns

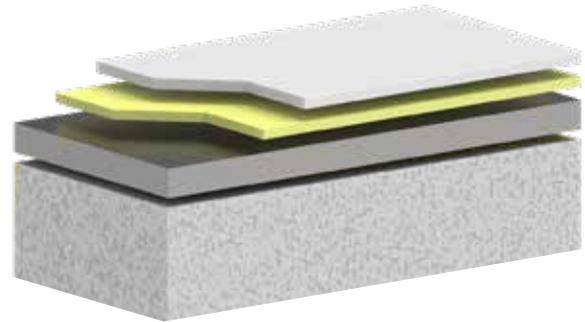
Also available in INDIVIDUAL custom prints



For detailed information in versions, available colours and technical information, please contact Isopan.



Synthetic Skin facing



Facing made with Synthetic films applied directly to the metallic surface of the panels in the ADDVision range. The main characteristic of this facing is the protective capacity that the synthetic layer provides in relation to the metallic sheet, protecting it against the corrosive action of the chemical agents found in the environment. Available in various types of colours and also for small surfaces.

Characteristics

Compatible with panels in the ADDVision range

Variable thickness (max 0.20 mm)

Resistant against aggressive agents

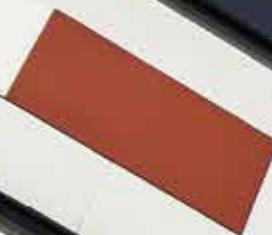
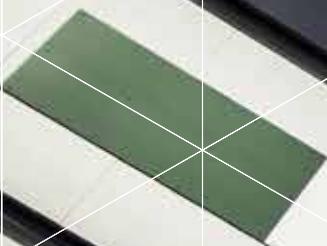
Facing pre-coupled with ADDVision sandwich panel



For detailed information in versions, available colours and technical information, please contact Isopan.



WAGNER
1854





THE GROUP NUMBERS

“Transitioning towards a sustainable economy in the Industry 4.0 era entails significant changes. Today’s challenge is to combine the speed of digital evolution and the attention to environmental impacts with long-term goals.”

Enrico Frizzera, CEO Manni Group



Operational companies

14

Countries served

78

Customers

10.200

Investments 2018

12,3 milioni

Turnover in Euro

630,4 milioni

Employees

1.127

Tons/year of CO₂eq avoided

oltre 32 mila

Square metres/year of panels sold

circa 15 milioni

Tons/year of steel purchased

circa 450 mila

Risultato attività Manni Energy 2018



MANNI GROUP

Headquarters
Sede di Verona

STEEL

- MANNI SIPRE
Mozzecane VR
Div. 1: lamiere
Div. 2: laminati e tubi
Div. 7: travi
 - MANNI INOX
Verona
Div. via Righi
Div. Via Torricelli
 - MANNI GREEN TECH
Verona
Houston (TX)
Manni Green Tech USA
 - Crema CR
Div. 8: travi
Div. 9: commercial
 - Monteprandone AP
Div. 6: travi
 - Campoformido UD
Div. 3: travi
-

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Verona
 - ▤ MANNI STORE
Turin
 - ▤ MANNI IMMOBILIA
Verona
 - ▤ ICOM ENGINEERING
Verona
-

PANELS

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 - ▲ DIV. Trevenzuolo VR
Verona
 - ▲ Div. Patrica FR
Tarragona, Spain
Isopan Iberica
 - ▲ Bucarest, Romania
Isopan Est
 - ▲ Halle, Germany
Isopan Deutschland
 - ▲ Volgograd, Russia
Isopan Rus
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Isocindu
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 - ▲ Prague, Czech Republic
Isopan Manni Group CZ
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by Manni Group

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