

EMANTE

CATALOG 2025

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Emante is organized to produce a range of high-performance products to help deliver future-proof buildings that are energy efficient, optimize natural resources, and promote the well-being of those who work and live there.

EMANTE: does not just produce sandwich panels, but builds a platform where businesses can thrive. With the slogan “We build your vision”, this brand becomes the leading partner for companies that aim to go beyond the ordinary. Where dreams of growth begin, EMANTE provides the foundation for success.

OUR JOURNEY



The establishment of Emante
2006



Start of accessories production
2009



The TAP Project
2016



The Paris Project
2018



School construction in Skopje
2021



Construction of photovoltaic structures
2023



2008
Construction of new facilities



2013
Capacity expansion



2017
IOM Kapshtica



2019
Factory Opening



2022
The NATO Project



2025
Exports increase to USA, Switzerland, Germany, Croatia, Bulgaria

FROM CHALLENGE TO SUCCESS

Founded in 2006 as an import-export business specializing in sandwich panels, Emante transformed into a leading manufacturer of building materials in 2017. From its roots in trading, the company has evolved into a provider of innovative, energy-efficient, and environmentally friendly building solutions for industrial and commercial applications.

Near a major highway, a group of businesses shared a common dream: to create a modern hub where ideas and opportunities could thrive. But time was against them. Traditional materials could not handle the ambition, and every delay hindered growth.

That's when EMANTE stepped in—not just as a manufacturer of advanced panels, but as a true partner in progress. With speed, precision, and innovation, the vision took shape. What once required months of work was realized in weeks. Each assembled panel brought them closer to their dream, turning the challenge into a success story.

At EMANTE, we don't just build structures, we build platforms for growth. With our commitment to quality, efficiency and innovation, we empower businesses to move faster, build smarter and achieve more.



HEADQUARTERS

Emante has been operating since 2006 in the field of sandwich panels, containers and sheet metal processing, using modern and automated technologies that guarantee efficiency and high quality.

With a consolidated capacity and focus on improving technology, the company offers advanced constructions and minimal impact on the environment.

Strategic investments in innovation and advanced technologies aim to strengthen our market position and expand operations both domestically and internationally.

Our products are used in a wide range of applications, including:

- ▶ Industrial buildings and warehouses
- ▶ Shopping malls and commercial spaces
- ▶ Modular buildings and structures
- ▶ Infrastructure projects

VORE



TIRANE

EMANTE FACTORY

In the heart of the Mediterranean, Emante is located on the Albanian Adriatic coast, just 10 minutes from the port of Durrës.

Emante is among the leading manufacturers of polyurethane and galvanized steel sandwich panels in the region.

With a modern infrastructure of 30,000 m², we offer quality, innovative products that are suitable for the needs of the market. Our commitment to quality, innovation, and competitive pricing makes us the preferred choice for a wide range of construction projects.

Our products are used in a wide range of applications, including:

- ▶ Industrial buildings and warehouses
- ▶ Shopping malls and commercial spaces
- ▶ Modular buildings and structures
- ▶ Infrastructure projects

Kepi Bishti i Palles

Portez Beach

Romano Port

Port MBM

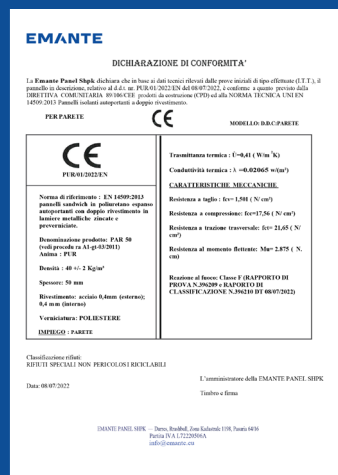
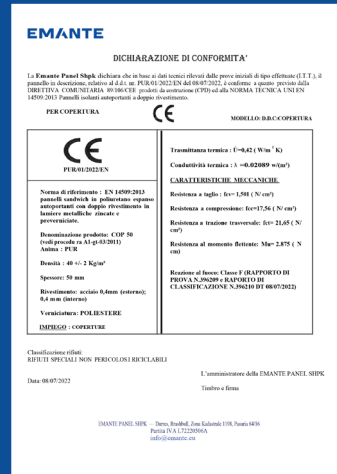
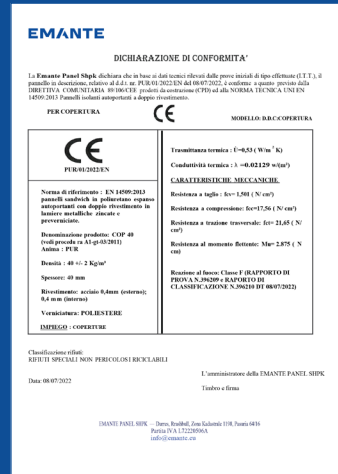
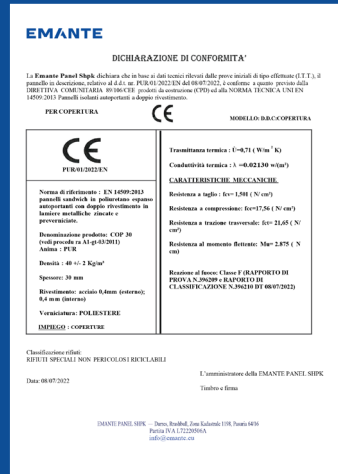
EMANTE



CERTIFICATIONS AND STANDARDS



To ensure maximum safety, stability and performance, Emante operates according to the highest international standards.



TECHNOLOGY AND QUALITY CONTROL

At Emante, the entire production process is automated, from start to finish. The equipment operates without human intervention, ensuring efficiency, accuracy, and consistent quality in every product. Modern technology guarantees complete control at every step of production

Quality starts at the very first step. Every raw material is carefully checked by our quality team, and this standard is followed at every stage of production, from the raw material to the final product.

Only when everything meets our high criteria does the product get the green light to go on the market.



HEALTH AND SAFETY

Safety at work is our top priority

At Emante, HSE (Health, Safety and Environment) is not just a legal obligation, but an essential part of our work culture. Every decision, process, and action is guided by our commitment to safety and environmental protection.

For us, identifying, assessing and controlling risks at every stage of our activity is essential. This approach helps us prevent incidents and minimize the impact on people and the environment.

Another important initiative of the company is the continuous investment in practical and theoretical training for our employees, with the aim of raising awareness and ensuring the implementation of safety standards at all times.



SUSTAINABILITY

Emante integrates sustainability into every stage of production and product development

Sandwich panels are designed for optimal thermal insulation and energy efficiency.

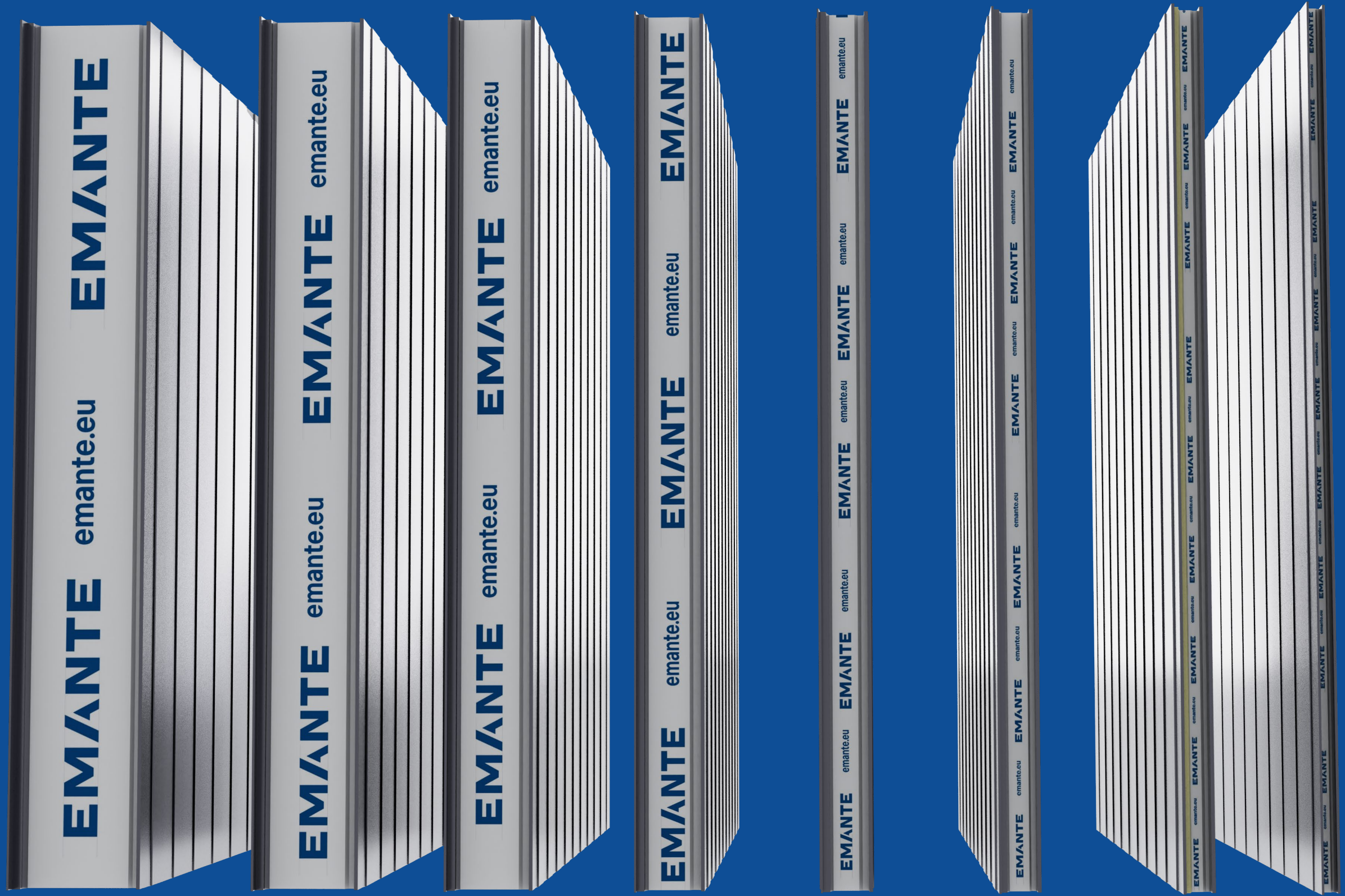
We produce modular structures enabling fast construction, low waste and high recyclability. Our supporting structures for photovoltaic panels help the development of renewable energy, with durable, corrosion-resistant designs and adapted for long-term performance in different climatic conditions.

Through material efficiency, process optimization, and support for circular construction models, Emante actively reduces the carbon footprint of the construction industry.



SANDWICH PANEL

- Endurance and strength
- Excellent thermal and acoustic insulation
- Resistance to atmospheric conditions
- Ease of installation



E-WALL



E-WALL

Technical data

The permitted loads are presented as in the following table:

Static properties

One-time support conditions

Thickness (mm)	Weight	Uniformly distributed loads [kN/m²] Span L [m]					
		1.50	2.00	2.50	3.00	3.50	
30	→	1.30	1.00	0.80	0.55	0.40	
40	→	1.60	1.35	1.00	0.70	0.50	
50	→	1.75	1.50	1.25	0.80	0.55	
60	→	1.85	1.65	1.30	1.20	0.80	
80	→	1.95	1.70	1.50	1.30	0.90	
100	→	2.25	1.75	1.60	1.45	1.05	
120	→	3.20	2.60	2.20	1.80	1.20	
150		3.25	2.65	2.25	1.90	1.25	

Multiple support conditions

Thickness (mm)	Weight	Uniformly distributed loads [kN/m²] Span L [m]							
		1.50	2.00	2.50	3.00	3.50	4.00	5.00	
30	→	1.30	1.00	0.80	0.65	0.50	0.33	0.25	
40	→	1.60	1.35	1.00	0.74	0.60	0.43	0.34	
50	→	1.75	1.50	1.25	0.93	0.65	0.56	0.45	
60	→	1.85	1.65	1.30	1.25	0.90	0.80	0.70	
80	→	1.95	1.70	1.50	1.35	1.00	0.90	0.85	
100	→	2.25	1.75	1.60	1.55	1.45	1.15	1.10	
120	→	3.20	2.60	2.20	1.80	1.50	1.35	1.20	
150		3.25	2.65	2.25	2.00	1.55	1.45	1.32	

Thermal properties

Thickness	mm	30	40	50	60	80	100	120
Thermal transmittance, U (EN 14509 A.10)	W/m²K	0,71	0,53	0,42	0,34	0,26	0,21	0.16

Practical application example

Insulated panel consisting of two profiled metal sheets bonded with rigid polyurethane (PUR) or polyisocyanurate (PIR) foam. Self-supporting panels for walls or facades. Industrial solution for prefabricated and modular buildings. Available in flat and profiled external faces. Versatile panel designed for easy installation and maintenance. Panel manufactured according to EN 14509.

Dimensions

- Thicknesses mm: 30-40-50-60-80-100-120-150
- Width mm: 1000
- Length m: 2.50 — 16,00

Coating

- Standard: 25 µm polyester paint

Isolated core

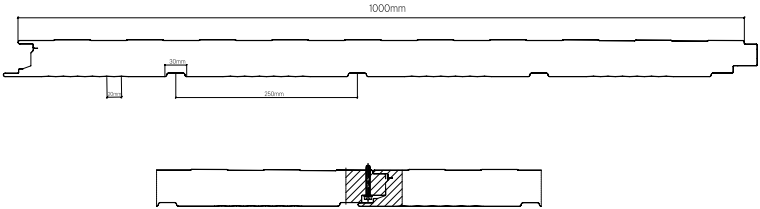
- Polyurethane (PUR) | Polyisocyanurates (PIR)
- Thermal conductivity: PUR 0.021 W/mK
 - Density: 40 kg/m³
 - Reaction to fire: EN 13501-1
 - PIR B-s1,d0

Metal support

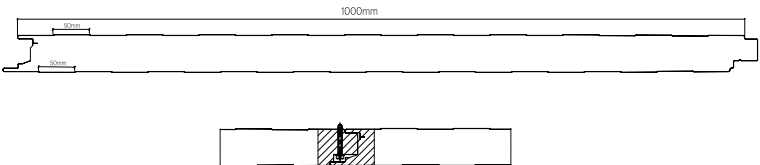
- Steel grade: DX51D: EN 10346
- Coil with varnish (organic coating): EN 10169+A1
- Thickness mm: 0.4–0.5



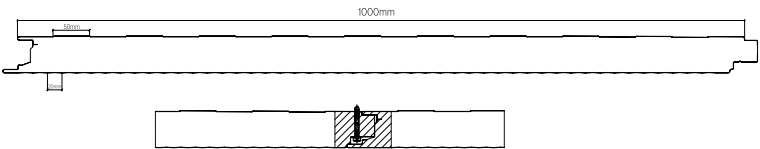
E-wall
special profile



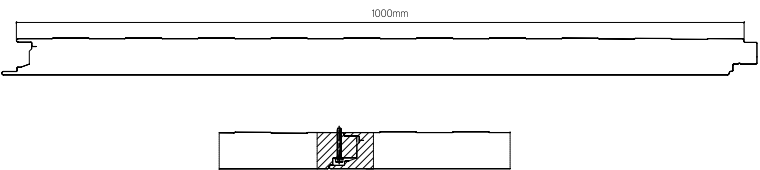
E-wall
standard



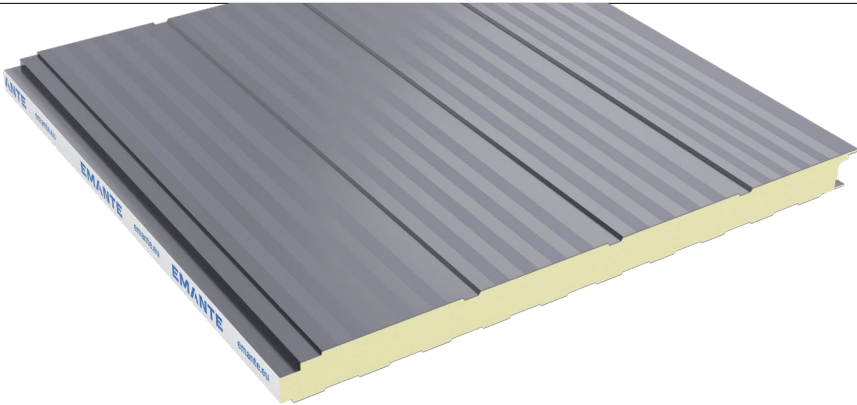
E-wall
microline



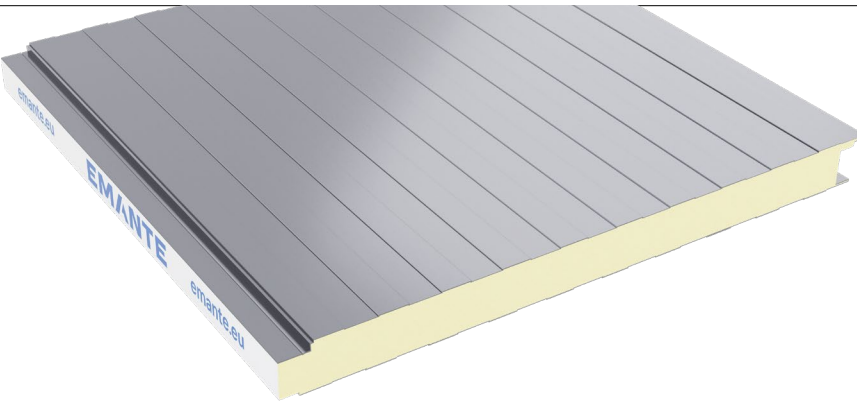
E-wall
flat



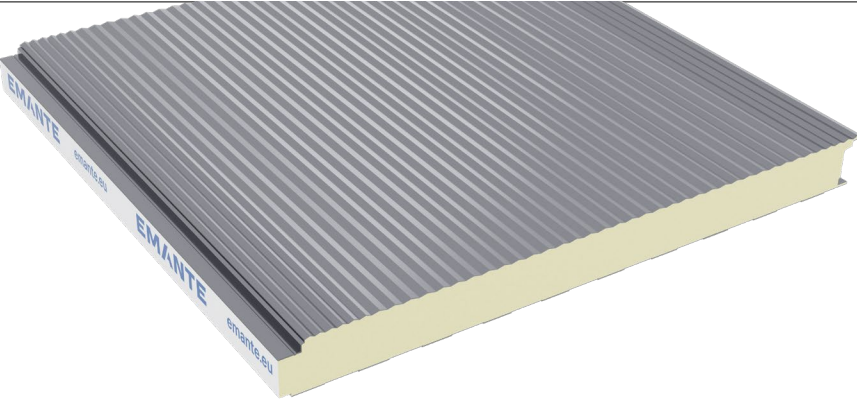
E-wall
special profile



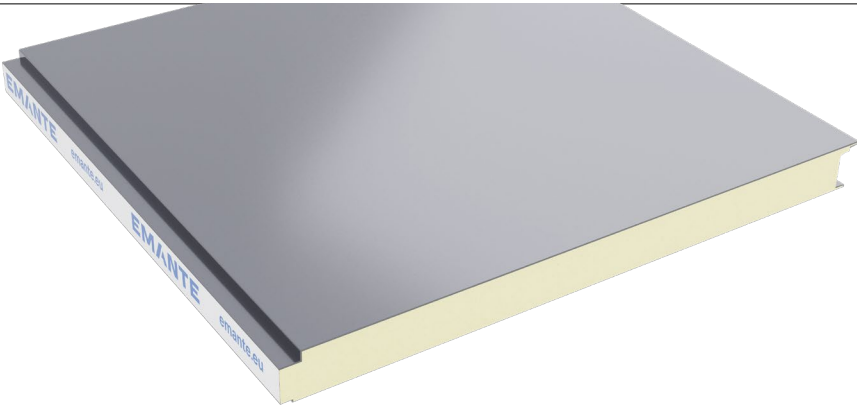
E-wall
standard



E-wall
microline

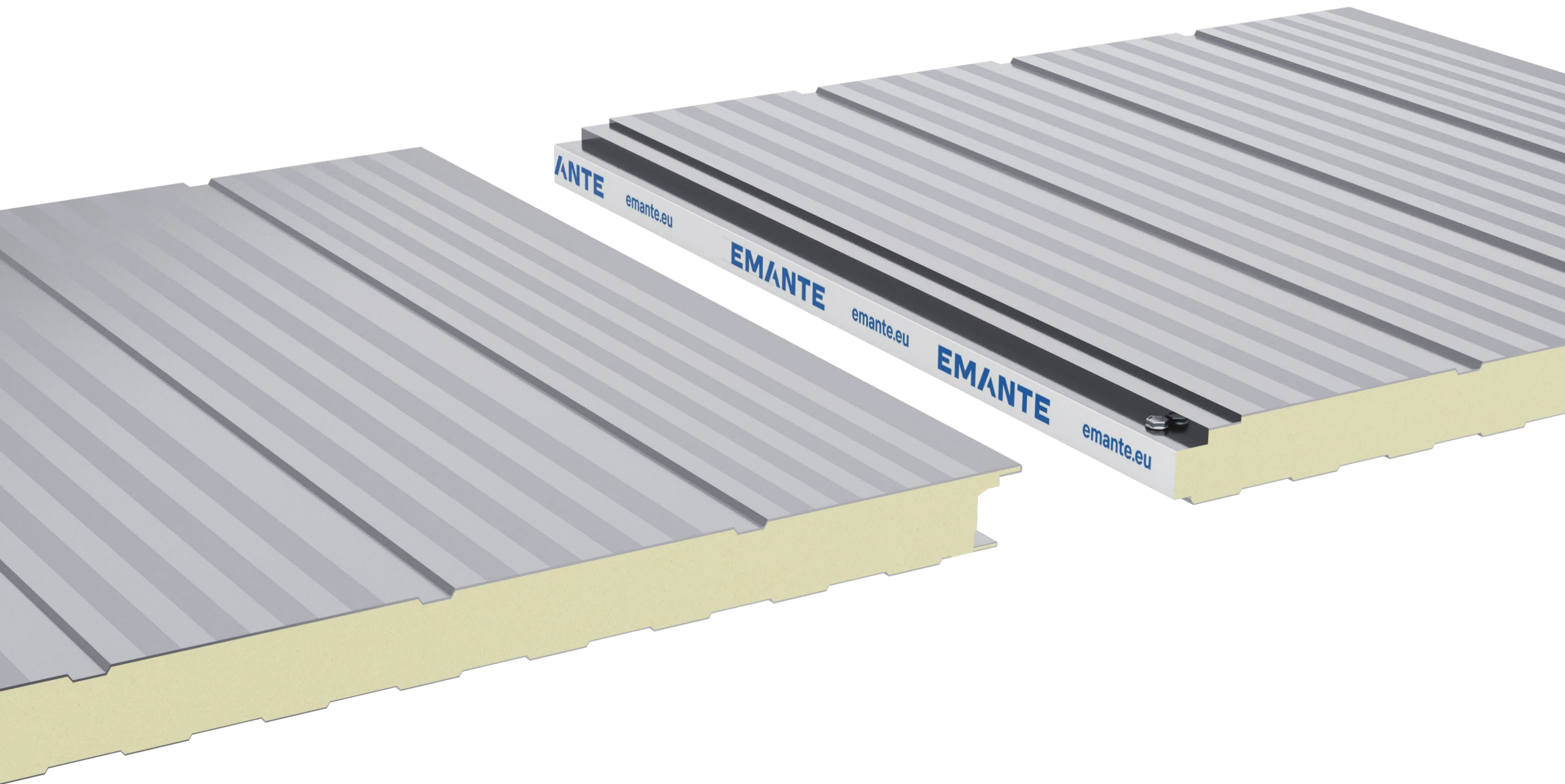


E-wall
flat



Not Just Strong.
Stylish, Too.

E-WALL SPECIAL PROFILE



E-ROOF



E-ROOF

Technical data
The permitted loads are presented in the following table:

Static properties

One-time support conditions

Thickness (mm)	Weight	Uniformly distributed loads [kN/m²] Span L [m]					
		1.50	2.00	2.50	3.00	3.50	4.00
30	→	2.90	1.65	1.00	0.70	0.55	0.45
40	→	3.20	2.40	1.50	1.00	0.80	0.70
50	→	4.40	2.90	2.20	1.80	1.30	0.95
60	→	5.00	3.60	2.60	2.00	1.60	1.15
80	→	5.60	3.85	3.20	2.90	2.20	1.65
100	→	7.00	4.20	3.60	3.15	2.80	2.30
120	→	8.20	5.70	4.40	3.90	3.20	2.80

Multiple support conditions

Thickness (mm)	Weight	Uniformly distributed loads [kN/m²] Span L [m]					
		1.50	2.00	2.50	3.00	3.50	4.00
30	→	2.90	1.65	1.00	0.80	0.65	0.50
40	→	3.20	2.40	1.50	1.20	0.90	0.80
50	→	4.40	2.90	2.20	2.00	1.45	1.05
60	→	5.00	3.60	2.60	2.20	1.95	1.25
80	→	5.60	3.85	3.20	3.00	2.35	1.85
100	→	7.00	4.20	3.60	3.25	2.90	2.45
120	→	8.20	5.70	4.40	4.20	3.50	3.00

Thermal properties

Thickness	mm	30	40	50	60	80	100	120
Thermal transmittance, U (EN 14509 A.10)	W/m²K	0,71	0,53	0,42	0,34	0,26	0,21	0.16

Dimensions

- Thicknesses (mm): 30-40-50-60-80-100-120
- Width (mm): 1000
- Length (m): 2.50 — 16.00

Coating

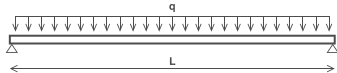
- Standard: 25 µm polyester paint

Metal support

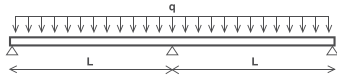
- Steel grade: DX51D: EN 10346
- Painted coil (organic coating): EN 10169+A1
- Thicknesses (mm): 0.4-0.5-0.6

Isolated core

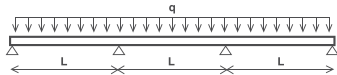
- Polyurethane (PUR) / Polyisocyanurate (PIR)
- Thermal conductivity: PUR 0.021 W/mK
- Density: 40 kg/m³
- Reaction to fire: EN 13501-1
- PIR B-s1,d0



Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m2) – Support opening (m)										
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50
0,8	7,36	0,074	9,44	7,55	6,29	4,62	3,09	2,17	1,58	1,19	0,92	0,72	0,58

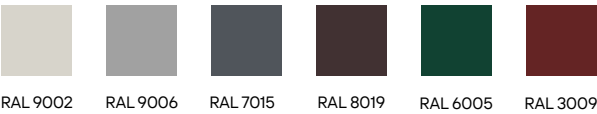


Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m2) – Support opening (m)										
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50
0,8	7,36	0,074	7,52	4,91	3,48	2,59	2,00	1,59	1,30	1,08	0,91	0,78	0,67

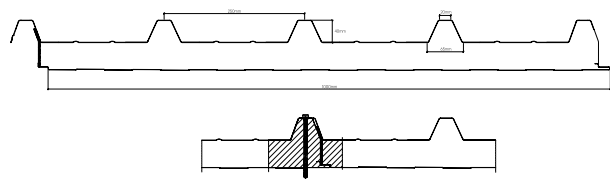
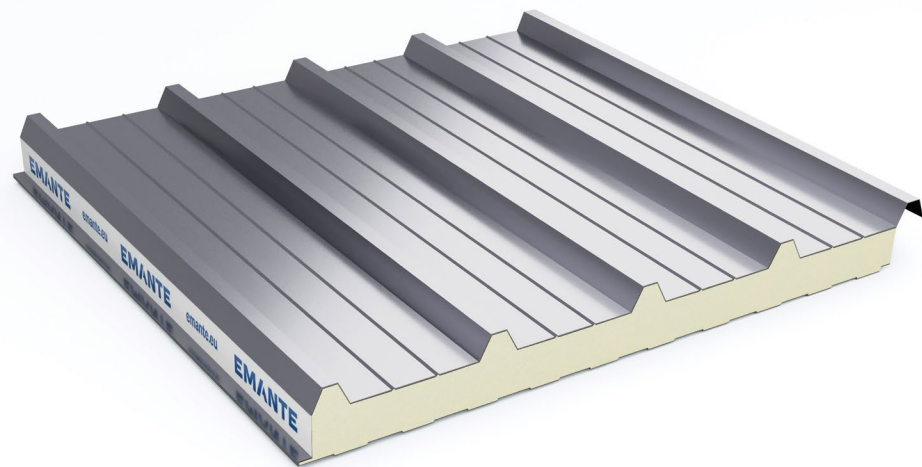


Thickness (mm)	Weight (kg/m)	Force q (kN/m)	Maximum permissible load (kN/m2) – Support opening (m)											
			1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	
0,8	7,36	0,074	9,57	6,25	4,43	3,29	2,55	2,03	1,66	1,38	1,17	0,99	0,86	

Available Colors

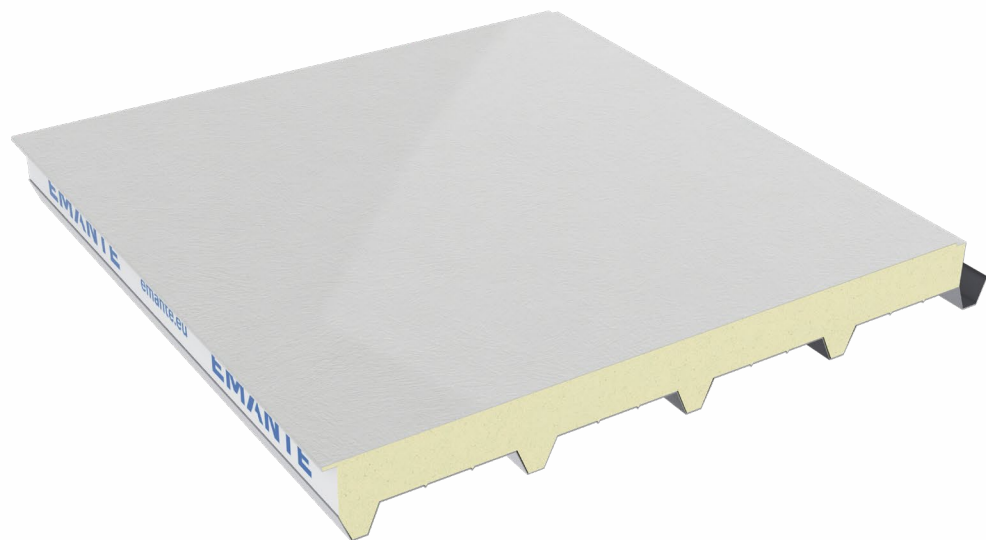


5-pitched roof panel



5-pitched roof panel with fiberglass

The ideal solution for stables, livestock and agricultural environments. Fiberglass is a material highly resistant to chemical fertilizers, acids and moisture, guaranteeing longevity, hygiene and minimal maintenance.



E-FRIGO WALL



E-FRIGO WALL

Technical data
The permitted loads are shown in the following table:

Static properties

One-time support conditions

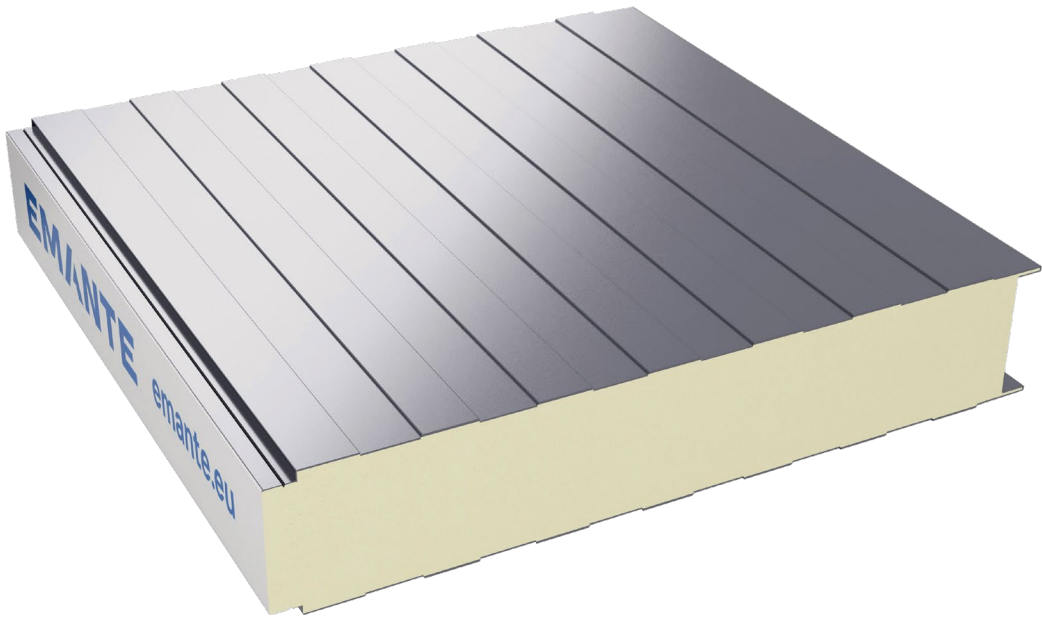
Thickness (mm)	Weight	Uniformly distributed loads [kN/m²] Span L [m]					
		1.50	2.00	2.50	3.00	3.50	4.00
30	→	2.90	1.65	1.00	0.70	0.55	0.45
40	→	3.20	2.40	1.50	1.00	0.80	0.70
50	→	4.40	2.90	2.20	1.80	1.30	0.95
60	→	5.00	3.60	2.60	2.00	1.60	1.15
80	→	5.60	3.85	3.20	2.90	2.20	1.65
100	→	7.00	4.20	3.60	3.15	2.80	2.30
120	→	8.20	5.70	4.40	3.90	3.20	2.80

Multiple support conditions

Thickness (mm)	Weight	Uniformly distributed loads [kN/m²] Span L [m]					
		1.50	2.00	2.50	3.00	3.50	4.00
30	→	2.90	1.65	1.00	0.80	0.65	0.50
40	→	3.20	2.40	1.50	1.20	0.90	0.80
50	→	4.40	2.90	2.20	2.00	1.45	1.05
60	→	5.00	3.60	2.60	2.20	1.95	1.25
80	→	5.60	3.85	3.20	3.00	2.35	1.85
100	→	7.00	4.20	3.60	3.25	2.90	2.45
120	→	8.20	5.70	4.40	4.20	3.50	3.00

Thermal properties

Thickness	mm	30	40	50	60	80	100	120
Thermal transmittance, U (EN 14509 A.10)	W/m²K	0,71	0,53	0,42	0,34	0,26	0,21	0,16



Dimensions

- Thicknesses (mm): 80–100-120-150
- Width (mm): 1000
- Length (m): 2.50 – 16,00

Coating

- Standard: 25 µm polyester paint

Metal support

- Steel grade: DX51D: EN 10346
- Coil with varnish (organic coating): EN 10169+A1
- Thicknesses (mm): 0.4-0.5-0.6

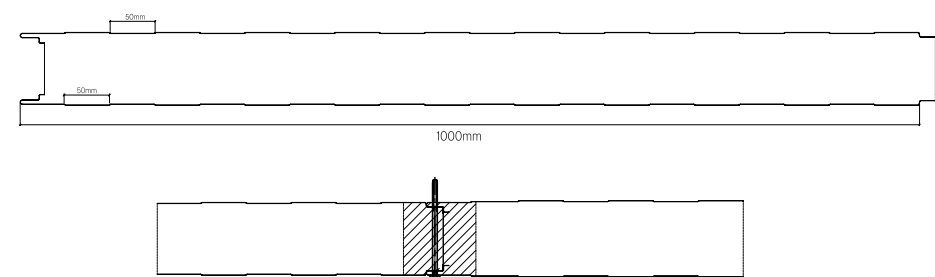
Isolated core

- Polyurethane (PUR) / Polyisocyanurate (PIR)
- Thermal conductivity: PUR 0.021 W/mK
- Density: 40 kg/m³
- Reaction to fire: EN 13501-1
- PIR B-s1,d0

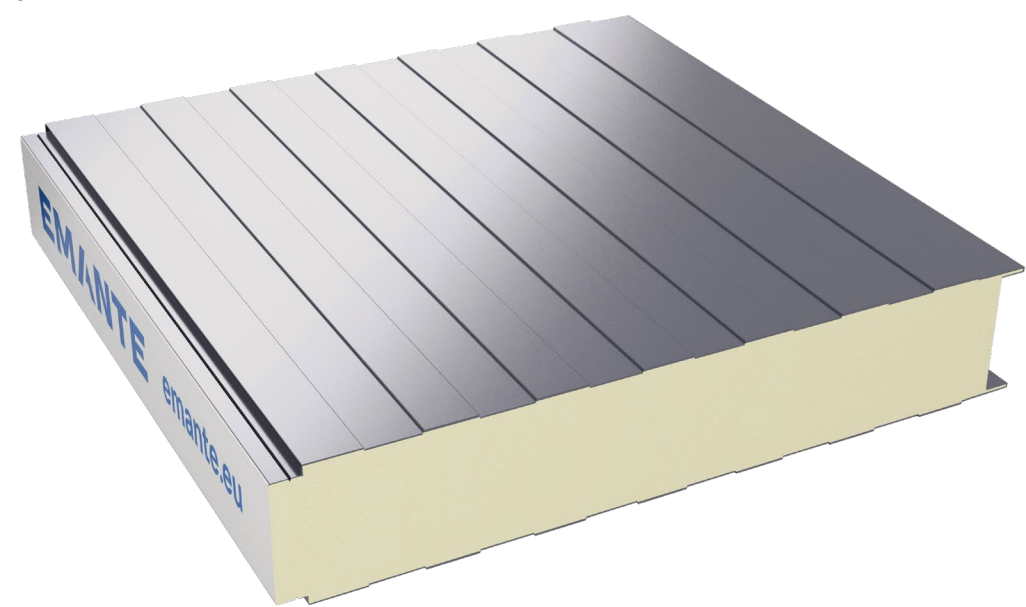


RAL 9002

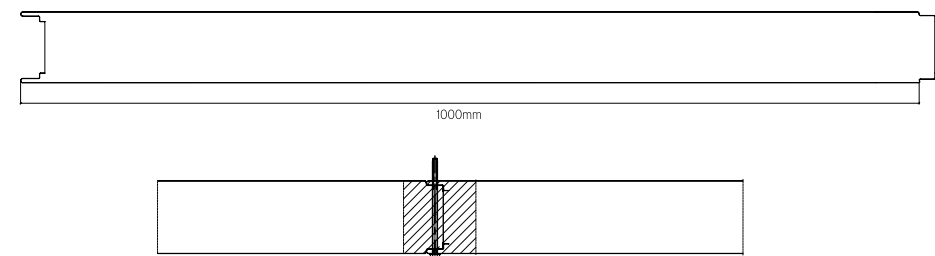
E-frigo panel



E-frigo panel



E-frigo panel with PVC



E-frigo panel with PVC

Suitable for environments requiring strict hygiene standards, such as laboratories, hospitals, and sterilization rooms. The PVC surface is easy to clean, resistant to moisture and chemicals. Guarantees cleanliness and durability.



MODULAR BUILDING



MODULAR BUILDINGS

At Emante, we redefine how you envision and create spaces. Our modular buildings combine the latest technology, durability, and flexibility to accommodate your diverse needs.

The main dimensions of the structures are 6.0 m length x 2.4 m width x 2.6 m height. The buildings can be customized according to the customer's requirements.

DIFFERENT TYPOLOGY

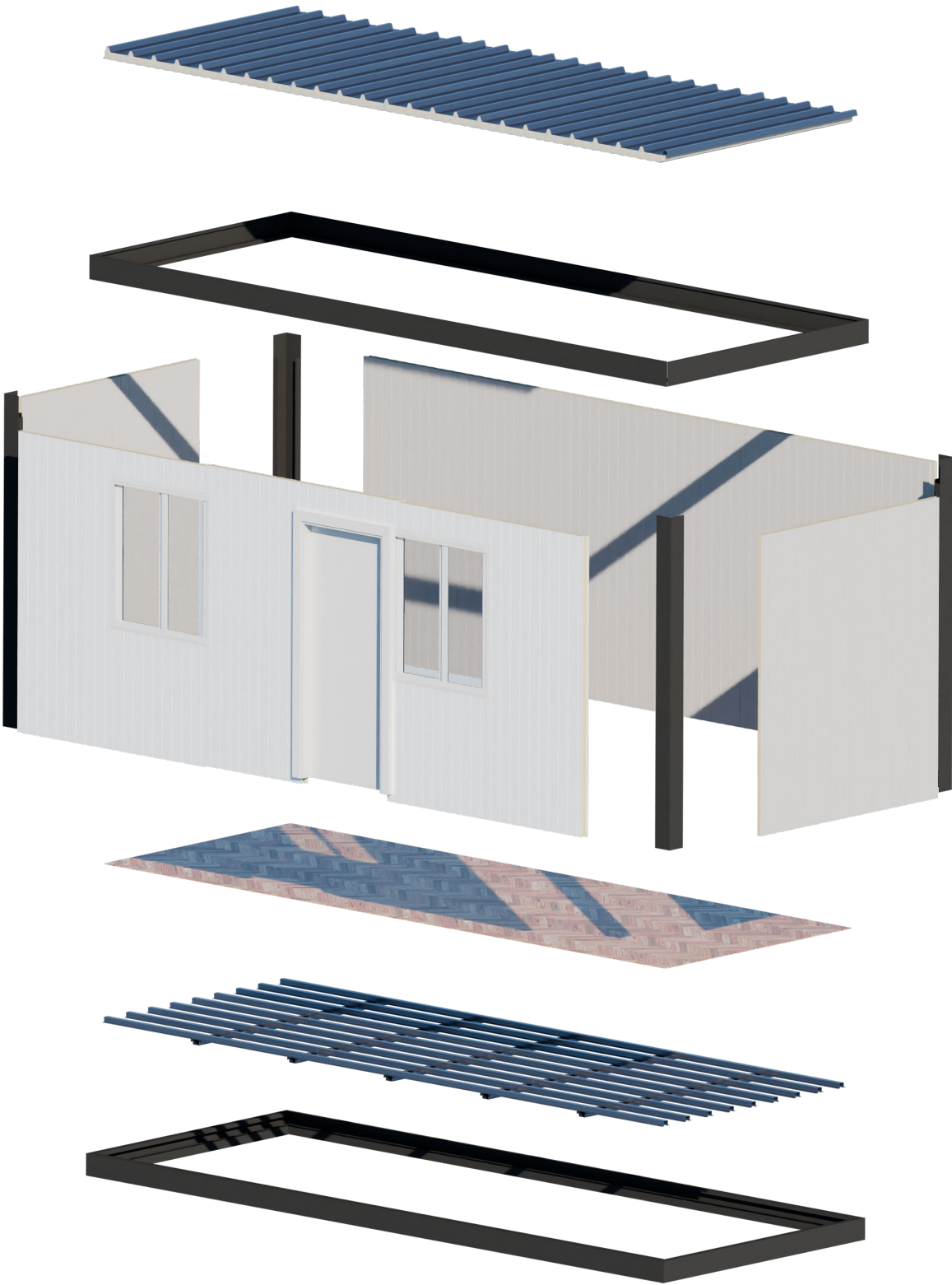
Wide range of dimensions for basic cabin structures such as:

Length (m)	Width (m)	Height (m)
1.5	1.5	2.6
2.0	1.5	2.6
2.0	2.0	2.6
2.0	2.4	2.6
3.0	2.4	2.6
4.0	2.4	2.6
5.0	2.4	2.6
7.0	2.4	2.6
8.0	2.4	2.6
9.0	2.4	2.6
10.0	2.4	2.6
11.0	2.4	2.6
12.0	2.4	2.6

Structures wider than normal in width:

Length (m)	Width (m)	Height (m)
1.5	3.0	2.6
3.0	3.0	2.6
4.0	3.0	2.6
5.0	3.0	2.6
6.0	3.0	2.6
7.0	3.0	2.6
8.0	3.0	2.6
9.0	3.0	2.6
10.0	3.0	2.6
11.0	3.0	2.6
12.0	3.0	2.6

Note: Heights of up to 3.3 m and widths of up to 12.2 m are available.





House with roof and shed / 72m2
wood texture panel and black structure

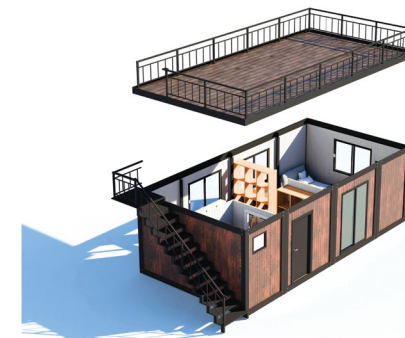


Large office
white panel and black structure
10m x 6m x 3m



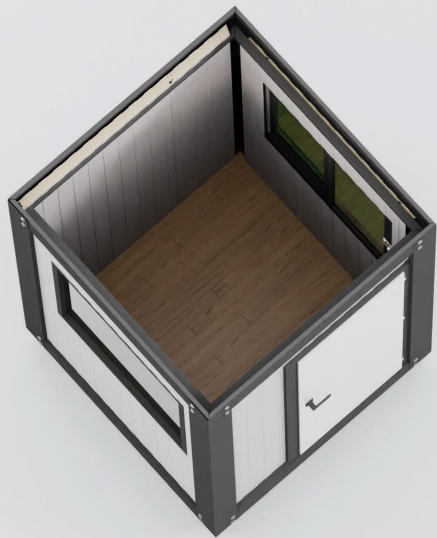


Holiday home with stairs and railings
Wood texture panel. Black structure.
8.2mx4.2m





Guardhouse
white panel and black structure
1,5m x 1,5m x 2,61m



Toilets and showers
white panel and black structure
6m x 2,4m x 2,59m



3 toilets 3 showers

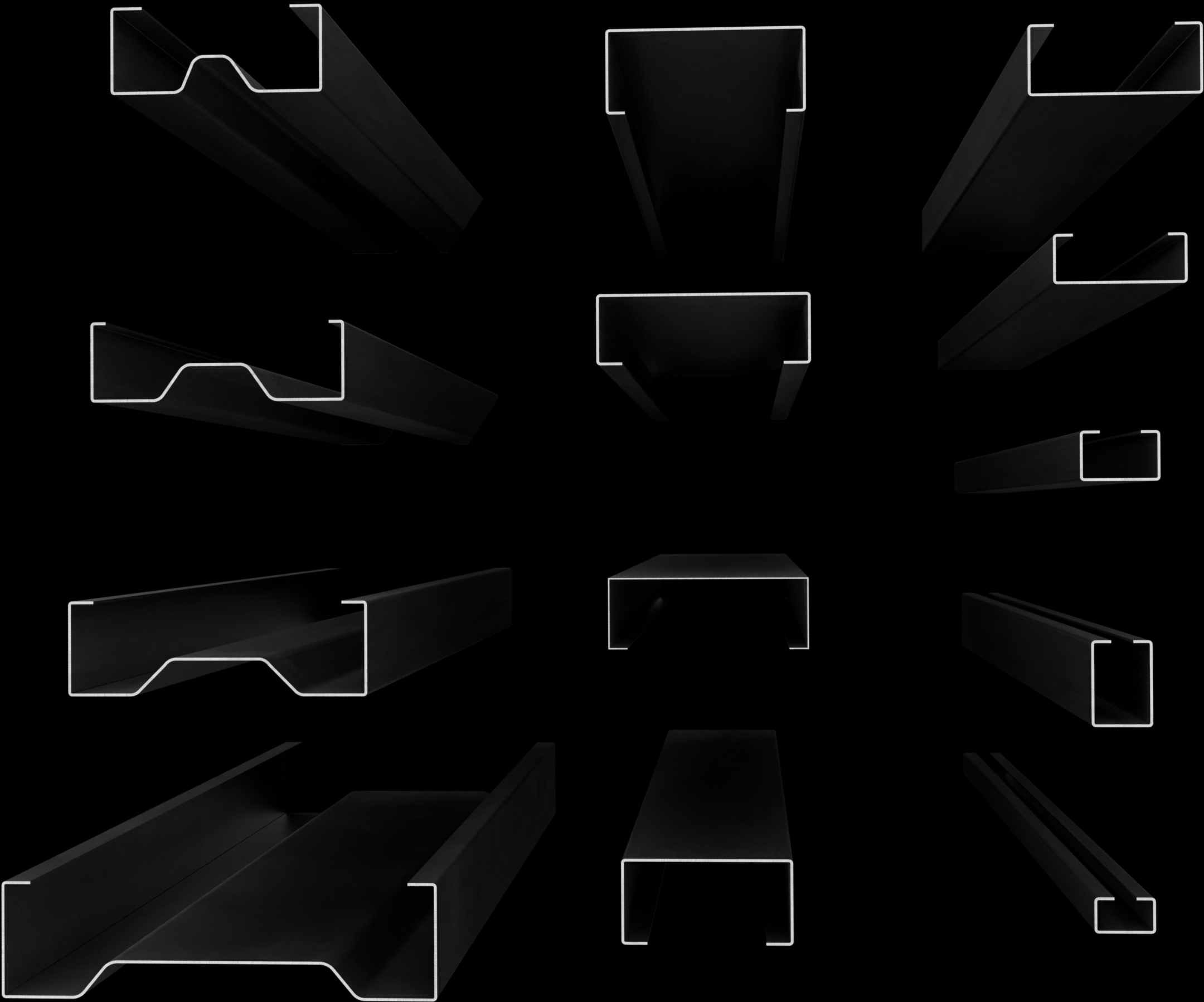


6 Toilets

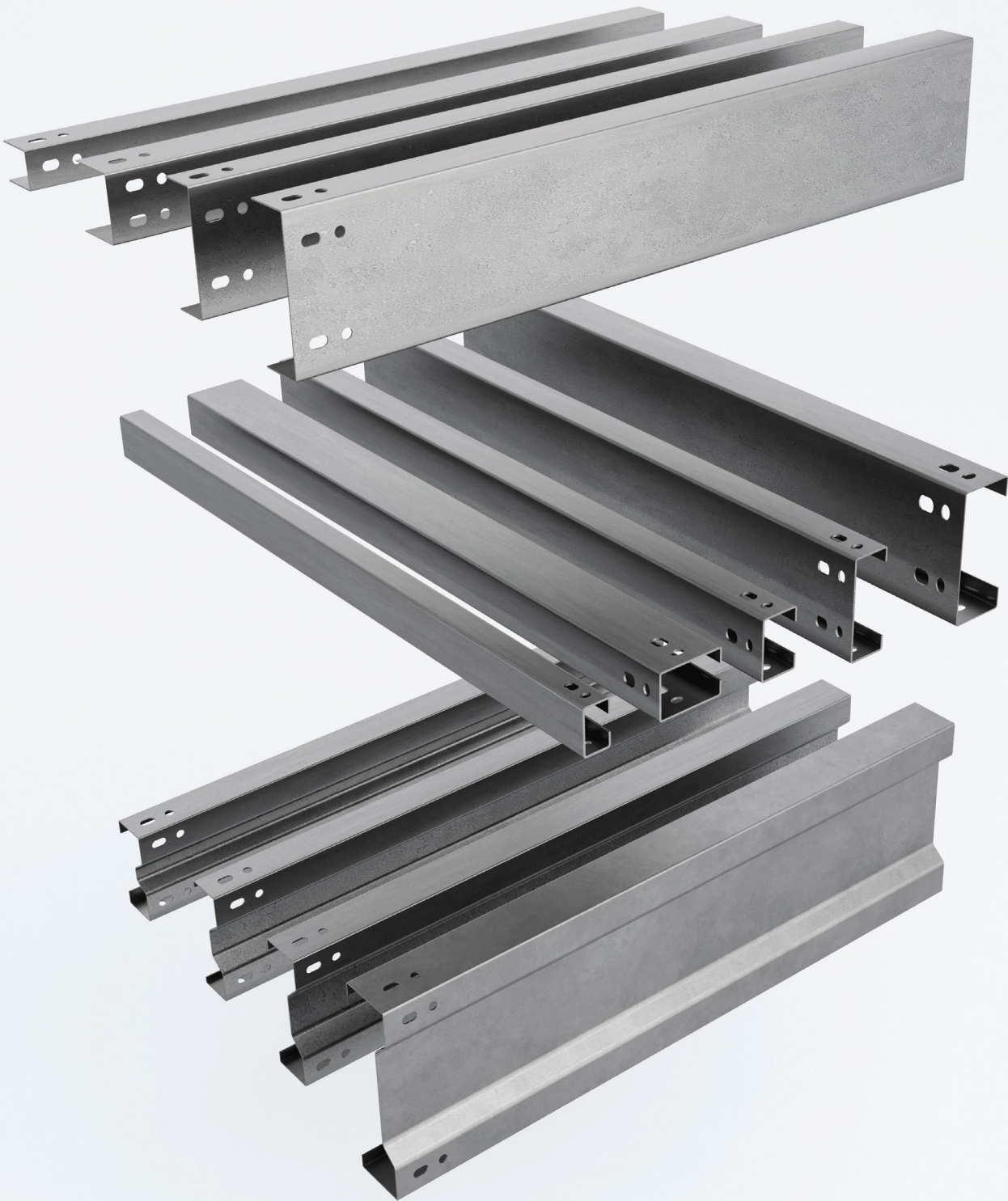
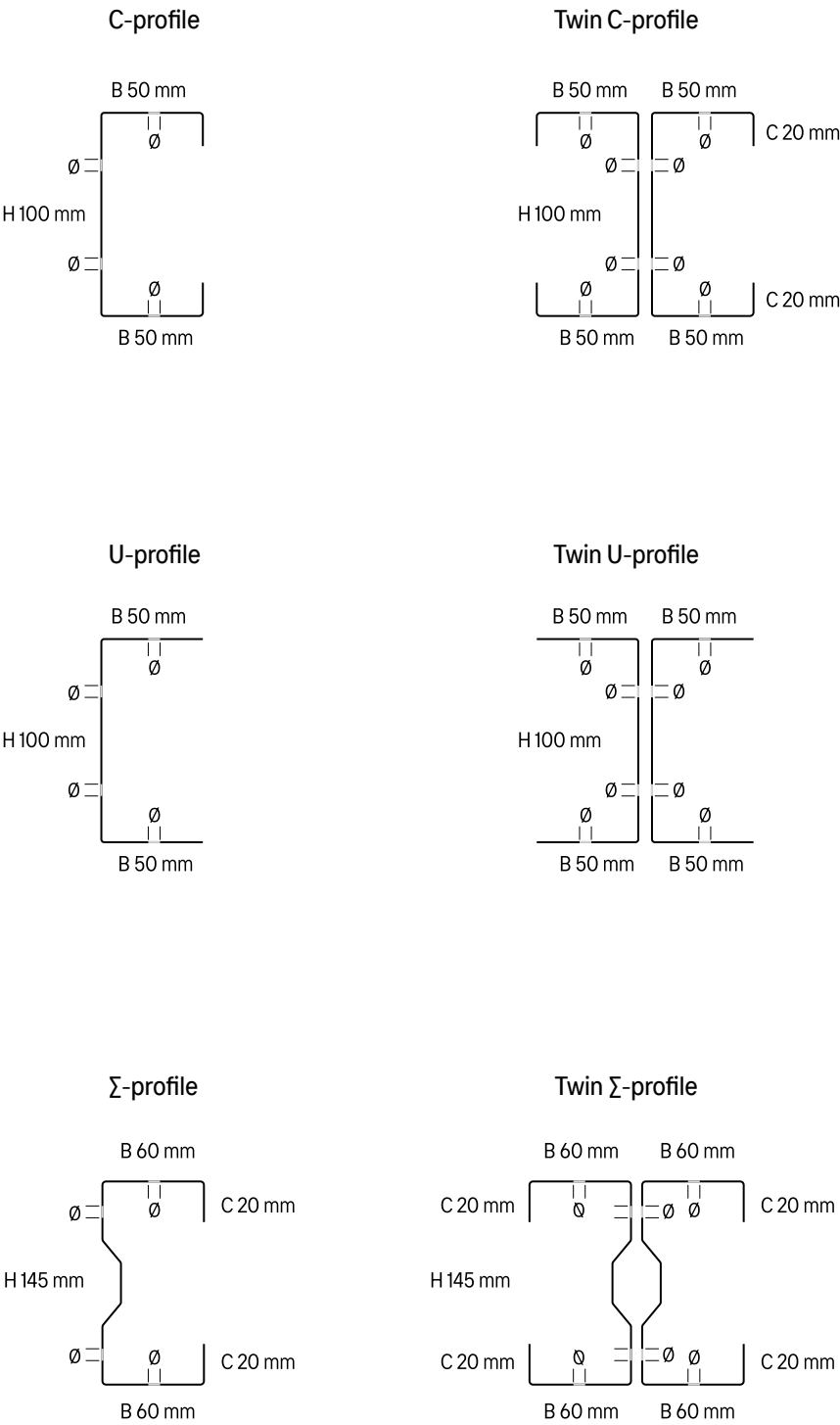
3D PROFILE LANDSCAPE

All accessories are manufactured using cutting and forming processes. Sheet dimensions can be adjusted according to project specifications and the production of standardized accessories.

- › C Profile
- › Σ Profile
- › Omega Profile
- › Internal Corners
- › External Corners
- › Concrete Sheet
- › Roof 1m
-
- › Apex 6m
- › Open Gutter
- › Gutter Hook
- › Masking
- › Roof Protection Plate
- › Topcover Light (Polycarbonate)
- › Elbow
-
- › Drain Cup
- › Pipe
- › Connecting Cap
- › Pipe Bands
- › Screws
- › Cover
- › Complete Fixing Set



METAL
STRUCTURE PROFILES





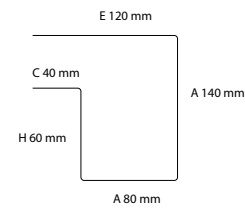
C-profile



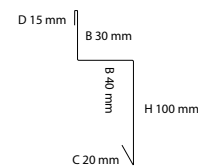
Σ -profile

GUTTERS

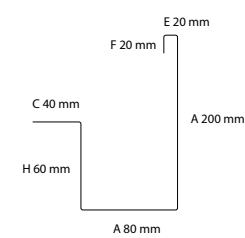
Hidden groove for sandwich panel



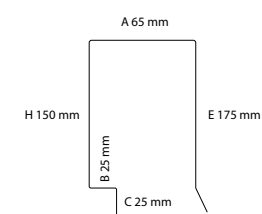
End Cap for Sandwich Panel



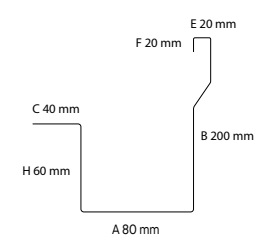
Open Gutter for Sandwich Panel



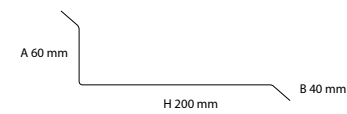
Top Frame for Sandwich Panel



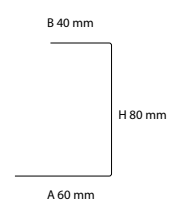
Open Gutter for Sandwich Panel



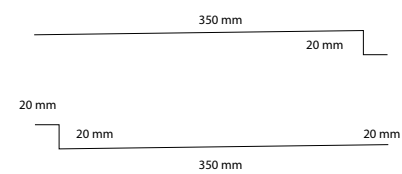
Water Drip Flashing



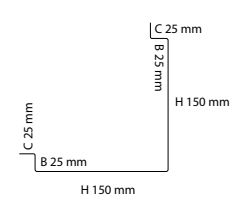
Cladding Trim for Sandwich Panel



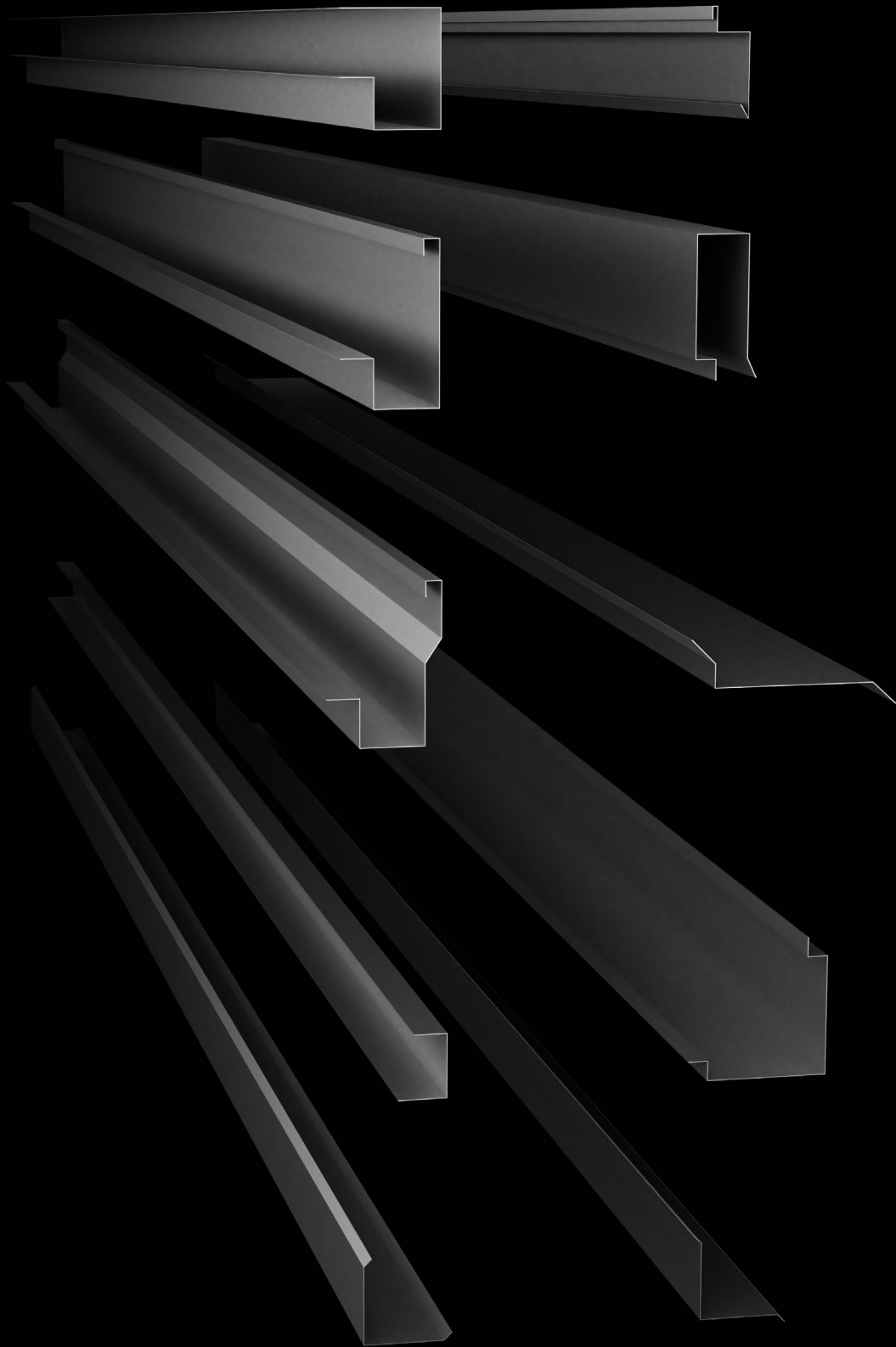
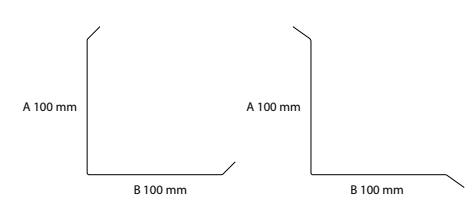
Gutter Trim



Column Cladding for Sandwich Panel



External Corner Profile / Internal Corner Profile

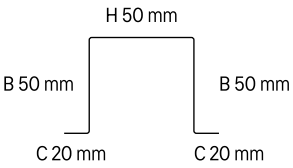


Optional Colors for Sheet Metal 0.5 mm – 0.8 mm

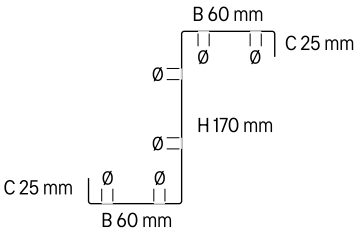


PROFILES AND GUTTERS

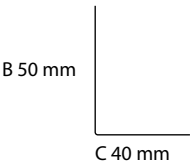
Ω (Omega) Profile



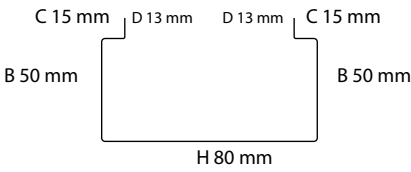
Z Profile



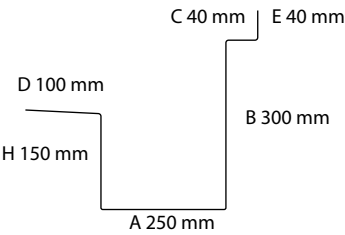
L Profile



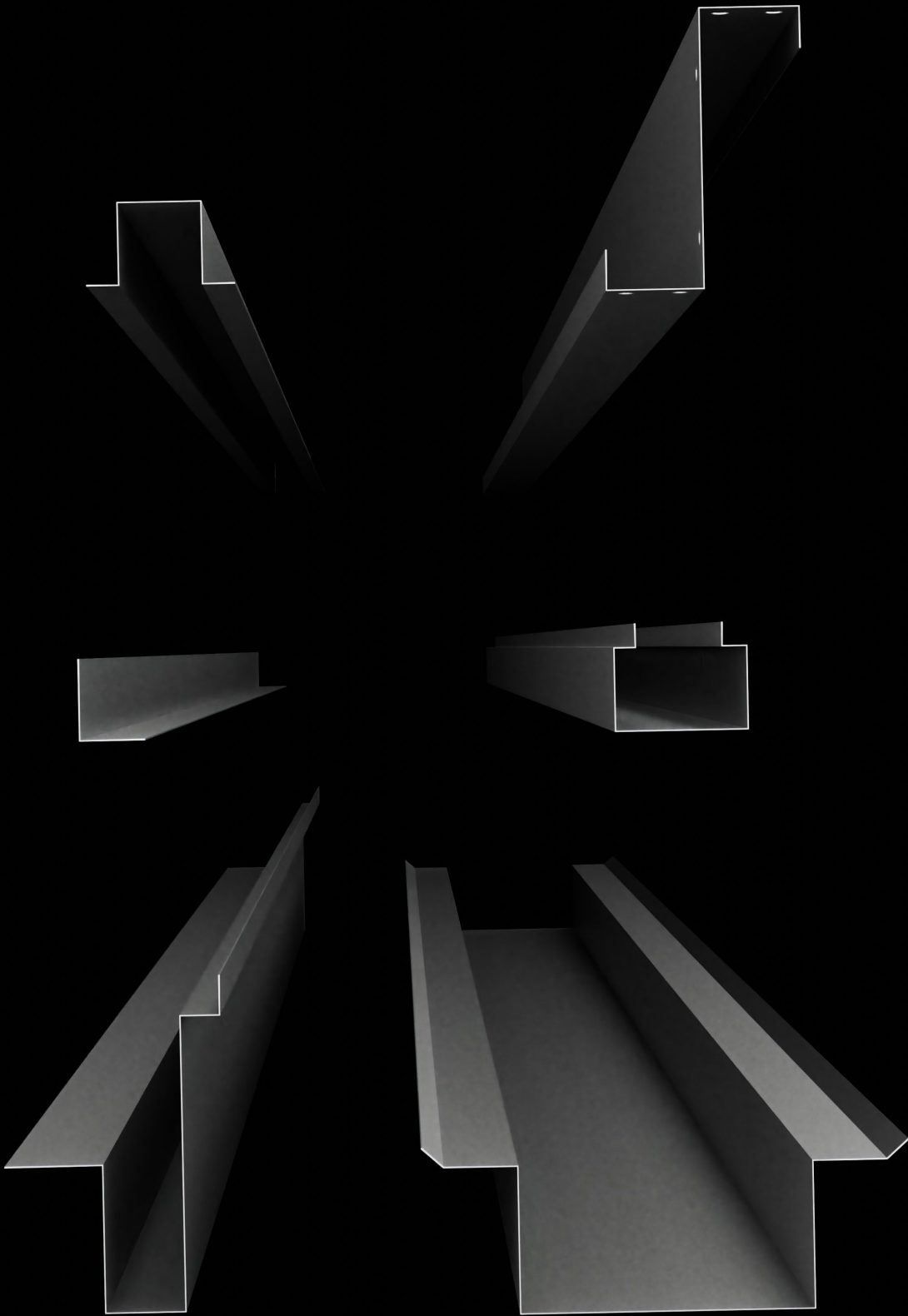
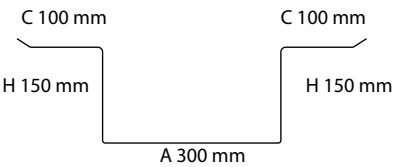
Seaming Guide Profile



Zingato Side Gutter



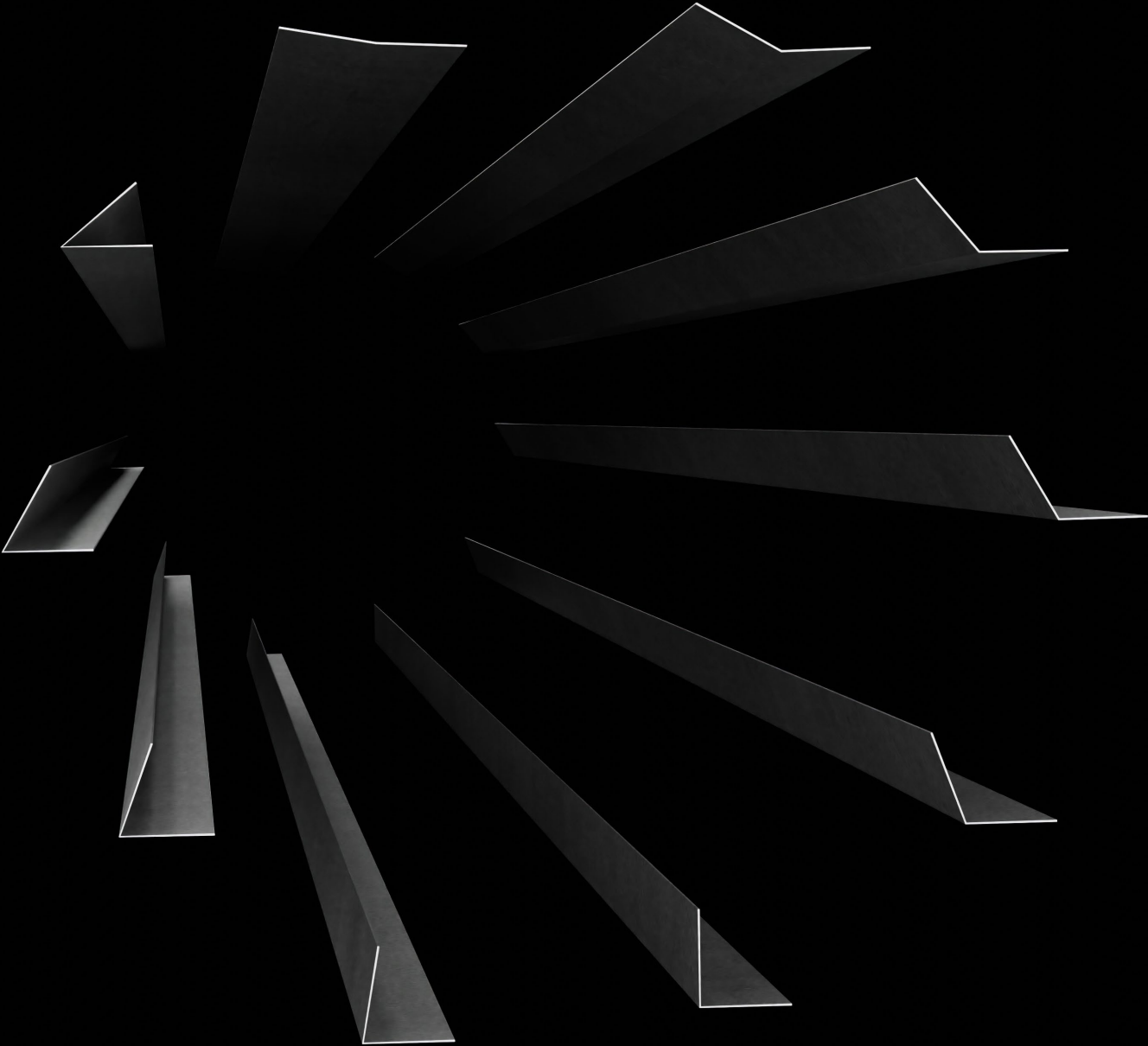
Zingato Center Gutter

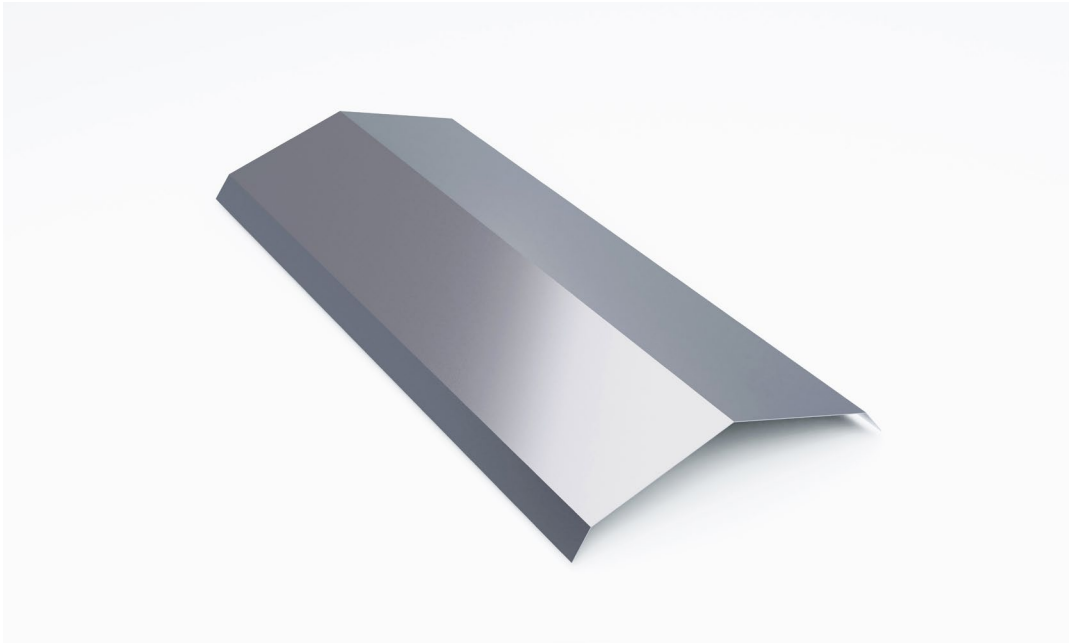


INTERNAL AND EXTERNAL
CORNER PROFILES

Internal Corners	
90°	
85°	
80°	
75°	
70°	
65°	
60°	
55°	
50°	
45°	
40°	
35°	
30°	
25°	
20°	
15°	
10°	
5°	

External Corners	
90°	
95°	
100°	
105°	
110°	
115°	
120°	
125°	
130°	
135°	
140°	
145°	
150°	
155°	
160°	
165°	
170°	
175°	



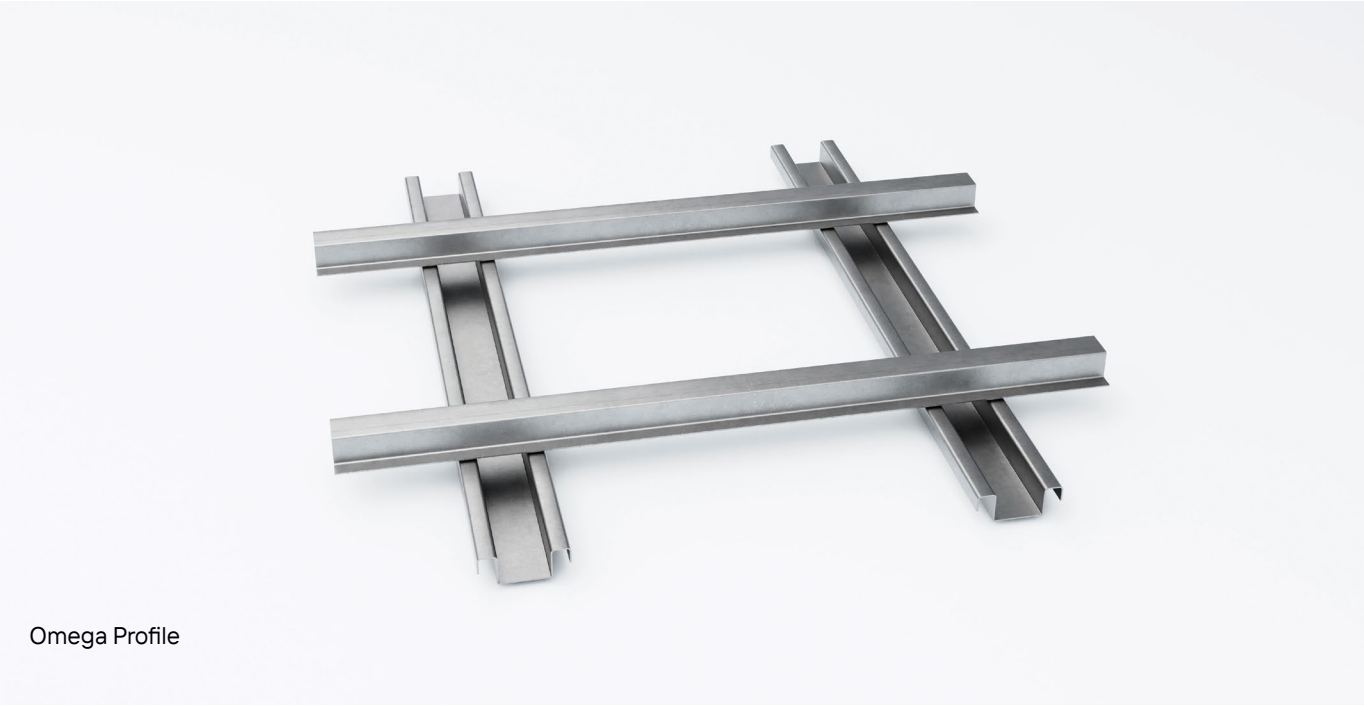


Ridge Caps up to 6000 mm

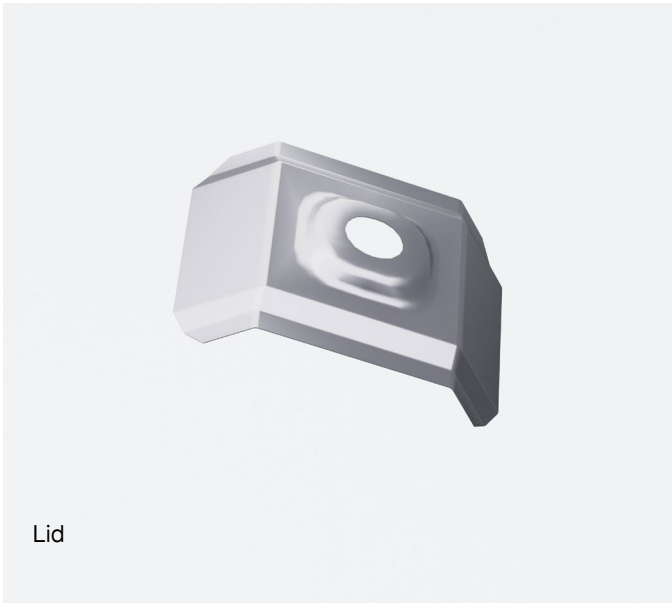
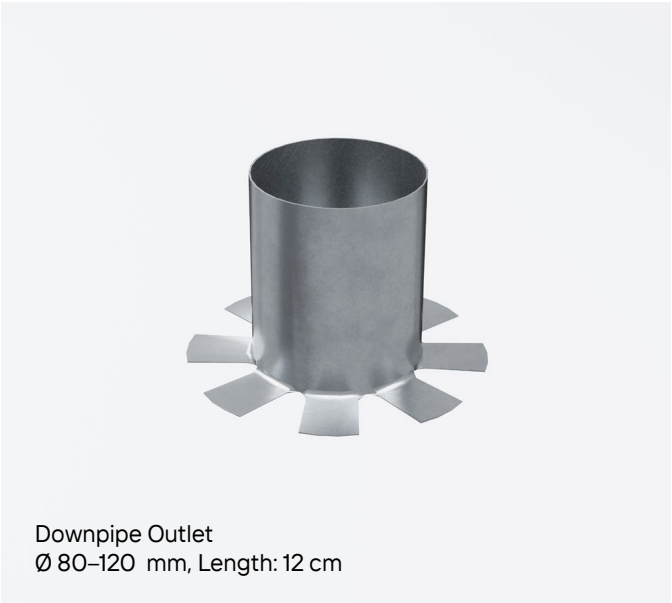
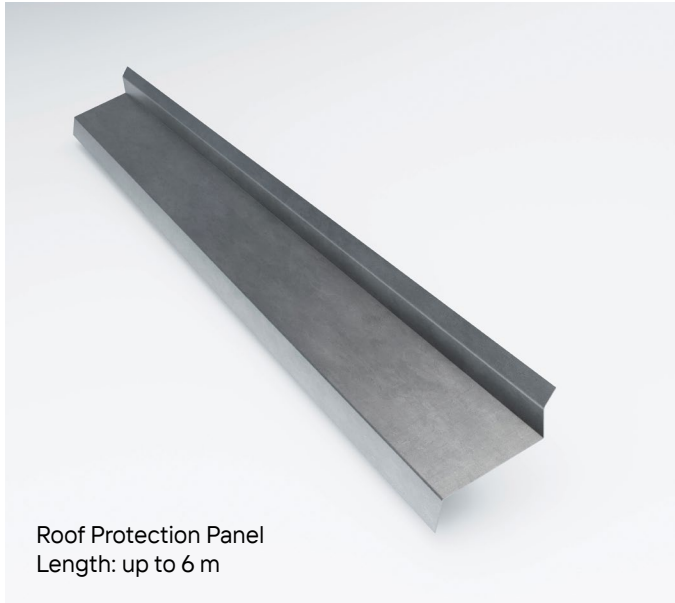
- RAL 9002
- RAL 9006
- RAL 8019
- RAL 7016
- RAL 3009
- RAL 9005



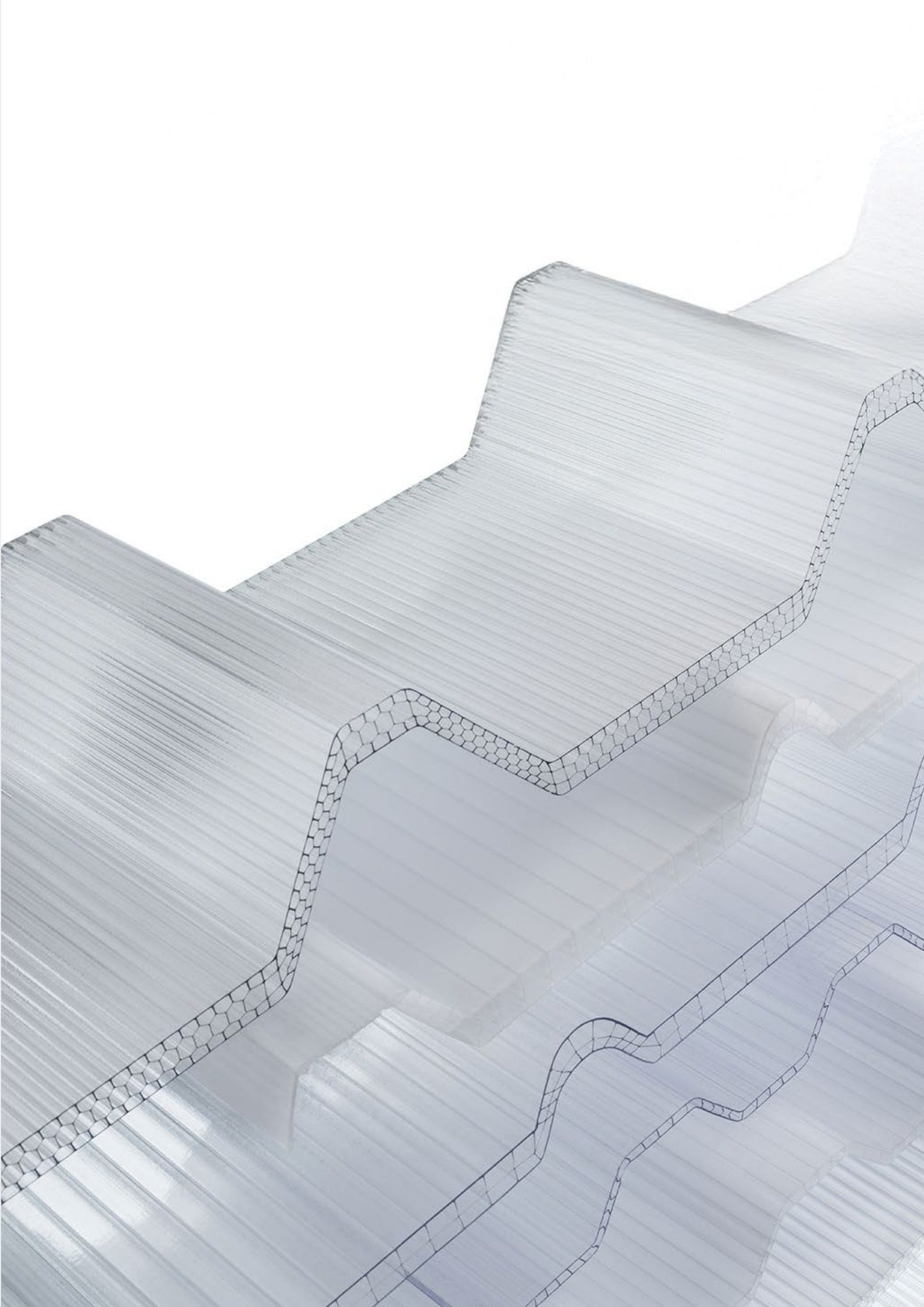
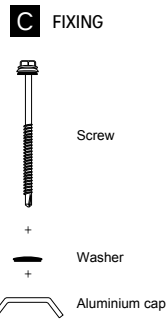
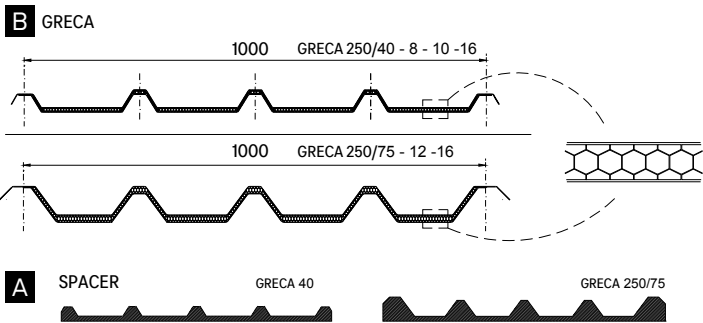
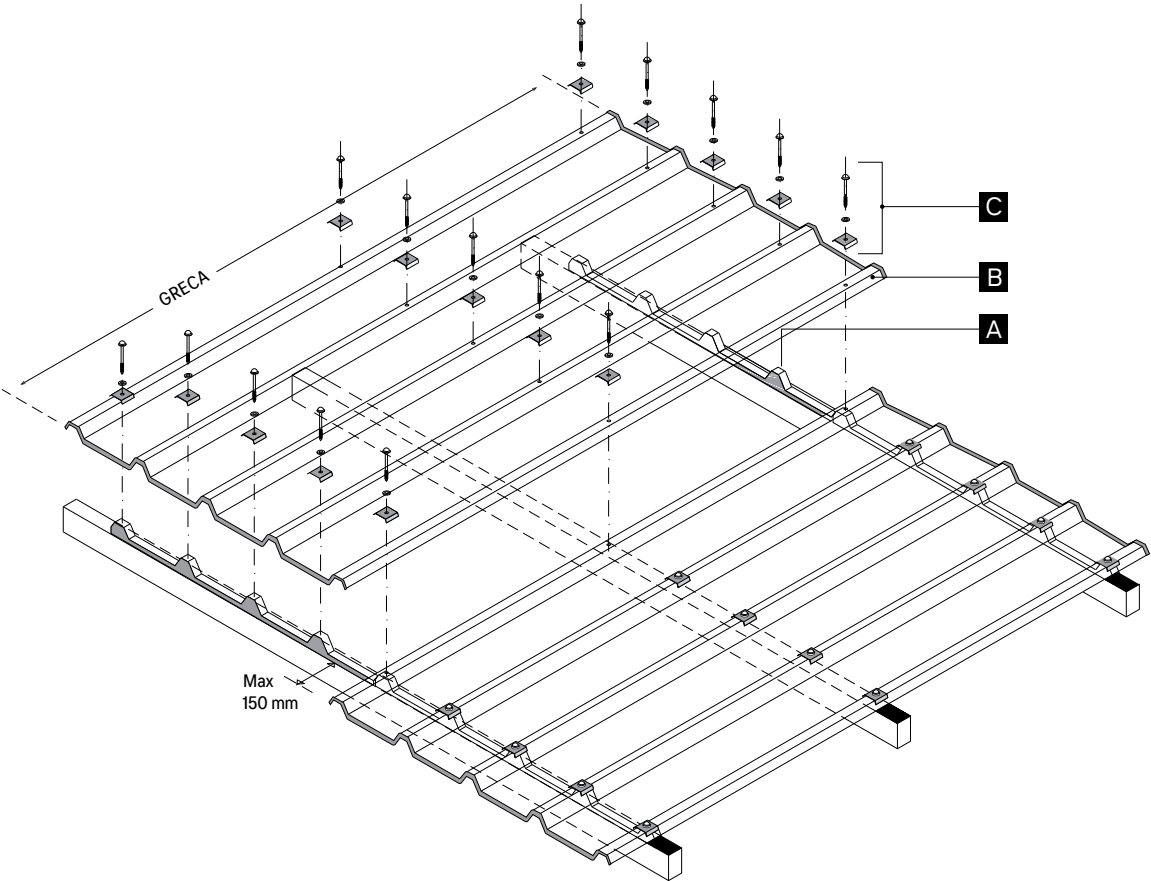
Concrete Roof Sheet



Omega Profile



POLYCARBONATE



STRUCTURE FOR PHOTOVOLTAIC PARKS

Magnelis

Posts:
Magnelis® ZM310, ZM430, ZM600, S350, S420, S550

Supports on Posts (Post Rails):
Magnelis® ZM310, ZM430, S350, S420, S550

Top Part of Beams (Supports):
Magnelis® ZM310, ZM430, S350, S420, S550

Diagonal Clamps (X Braces):
Magnelis® ZM310, ZM430, S350, S420, S550

All Fasteners
Bolts, washers, etc. made of stainless steel

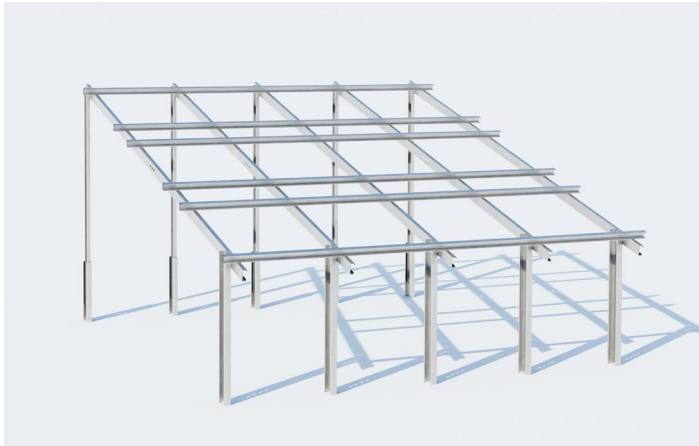
Module Clamps
End and middle clamps made of aluminum



GREENNAT SOLAR PARK



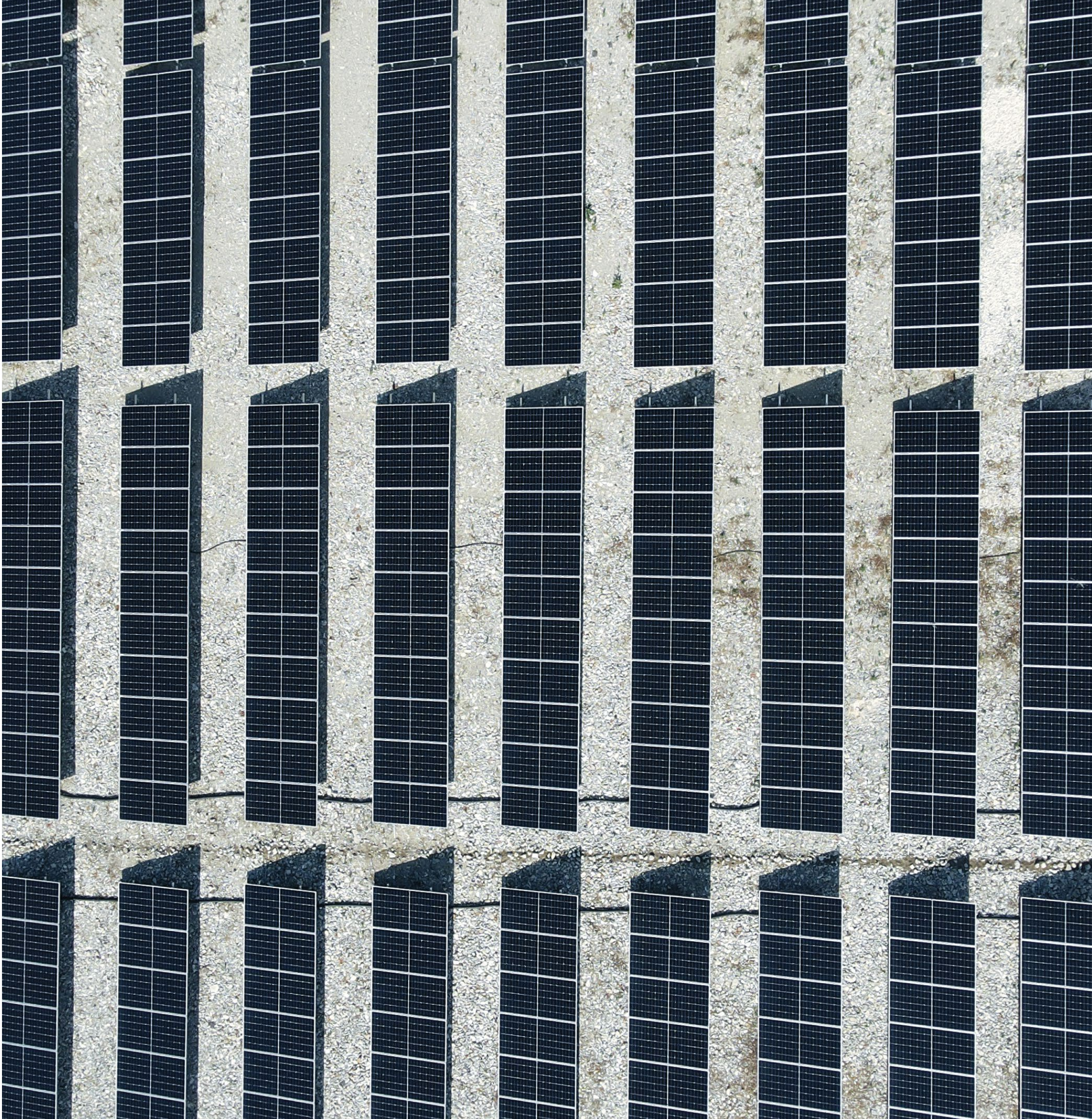
GREENNAT SOLAR PARK



Magnelis
Structure for Photovoltaic Panels
Cladding with Corrugated Sheet (Badipal)



Magnelis
Structure for Photovoltaic Panels
Concrete Structure



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