

areco



PRODUCT CATALOGUE



Welcome to Areco, your full-service supplier for the construction industry. We offer a broad, high-quality product range covering everything from steel profiles and roofing systems to sheet metal flashings and complete building solutions. Whether you're working on large industrial halls, commercial buildings or smaller projects, we have everything you need to bring your vision to life.

A broad product range for all your needs

We have one of the market's most comprehensive product ranges. With products manufactured from high-quality steel from certified suppliers, we guarantee durable and reliable solutions for every construction project. Our products are CE-marked and comply with strict EU standards for health, safety and the environment, giving you peace of mind at every stage of construction.

Expert support with precise calculations

We understand that every project is unique and requires careful preparation and precise calculations. That's why we offer comprehensive design support. Our experienced engineers are on hand to help with everything from structural calculations to drawings and specifications.

With our expertise, you can be confident that your buildings will stand the test of time and meet the highest standards of safety and durability.

Why choose Areco

Quality and durability – Our products are manufactured in Sweden from premium steel complying with strict standards, guaranteeing long-lasting performance and durability.

Broad product range – From roofing systems to sheet metal flashings, we have everything you need to complete your project to the highest quality.

Personal support – Our experts are ready to help you with technical calculations and project-specific solutions to ensure success every step of the way.

Flexibility and customisation – We adapt our products to meet your specific requirements.

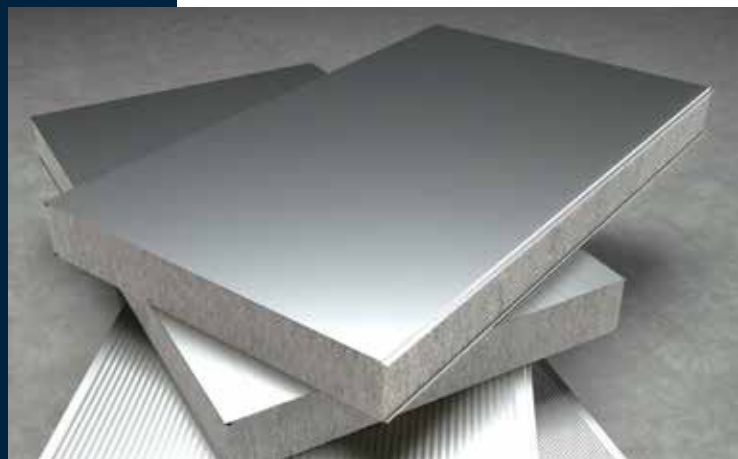




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Our Factories

We have a strong presence across Europe with several strategically located factories. In Malmö we have two facilities: one for the manufacture of roof and wall cladding, roof tiles, light-gauge beams and sheet metal products, and another focused on the production of roof drainage systems. In addition, Areco has factories in Lipiany, Poland, and in Terndrup and Slagelse, Denmark. We also operate two factories for sandwich panels, one in Skånes Fagerhult, Sweden, and one in Somero, Finland.

Our Markets

We supply our products to 25 countries, working with clients in both the industrial and commercial sectors. Our customers include retailers, profilers, hall builders and builders' merchants. We also market our products through our own outlets, Areco Direct, which offer a complete range of Areco products for the Nordic market.

Environmental and Sustainability Work

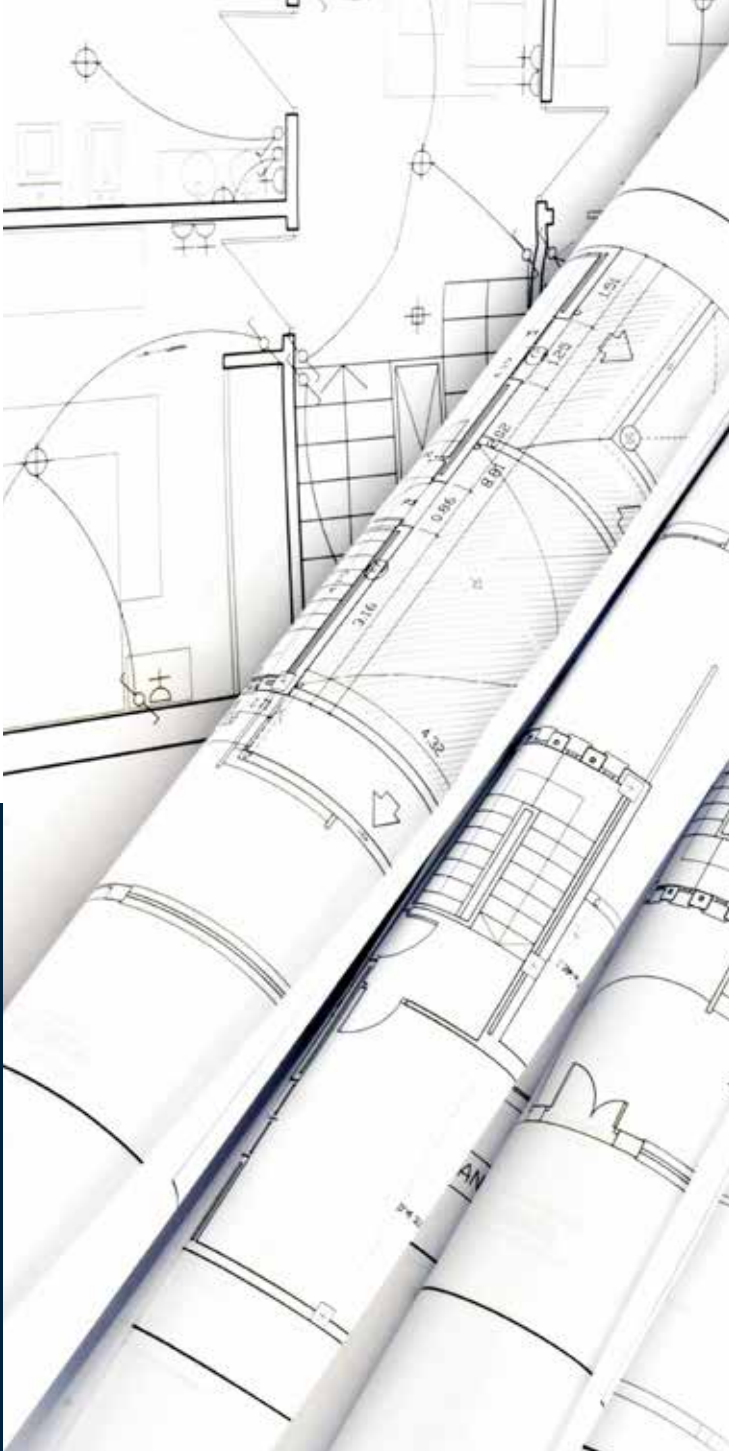
Areco strives to be a leading player in the construction industry, where our brand is synonymous with expertise, experience and innovation. By offering tailored, end-to-end solutions and a broad range of products and services, we want to be our customers' natural partner – from raw material to finished building.

Our commitment to the environment and sustainability underpins our entire operation. We work actively to minimise our environmental impact through the efficient use of resources and recycling, and by setting high environmental standards for our suppliers. We are also committed to the UN's global goals for sustainable development and contribute to building a more socially and economically sustainable society.

By offering products that are assessed in the Swedish Building Materials Assessment (Byggvarubedömningen), SundaHus and Basta schemes, and by working with EPDs (Environmental Product Declarations) for our products, we help our customers build sustainably and reduce their climate impact. Steel, our primary material, can be recycled an unlimited number of times without losing quality, making it a central material in circular construction.



Our working environment is characterised by safety, openness and respect. We work continuously to improve both the physical and social working environment, while promoting a drug- and alcohol-free workplace. Areco stands for clean and honest business practices, and we work against all forms of corruption. At Areco, we are proud to combine high quality and sustainability with innovation and customisation, and we work to keep developing together with our customers and partners.



Technical Expertise

Areco is a leading player in the construction industry with a strong focus on technical expertise and quality. We offer products of the highest quality, manufactured from raw materials sourced from certified, leading steelworks, ensuring our customers have access to reliable and durable solutions. Our commitment to quality is reflected in our generous warranties and our full responsibility for the performance of our materials.

All Areco products meet the strict requirements of the market and are CE-marked, guaranteeing that they are manufactured in accordance with the EU Construction Products Directive with regard to health, safety, function and the environment.

Our services and products always maintain the highest standard, thanks to our extensive technical expertise and long experience in the industry.

We continuously invest in renewing and updating our machinery, allowing us to constantly improve our working methods and deliver modern, efficient solutions to our customers.

Areco serves an extensive B2B market, including industry, the commercial sector, retailers, profilers, hall builders and builders' merchants.

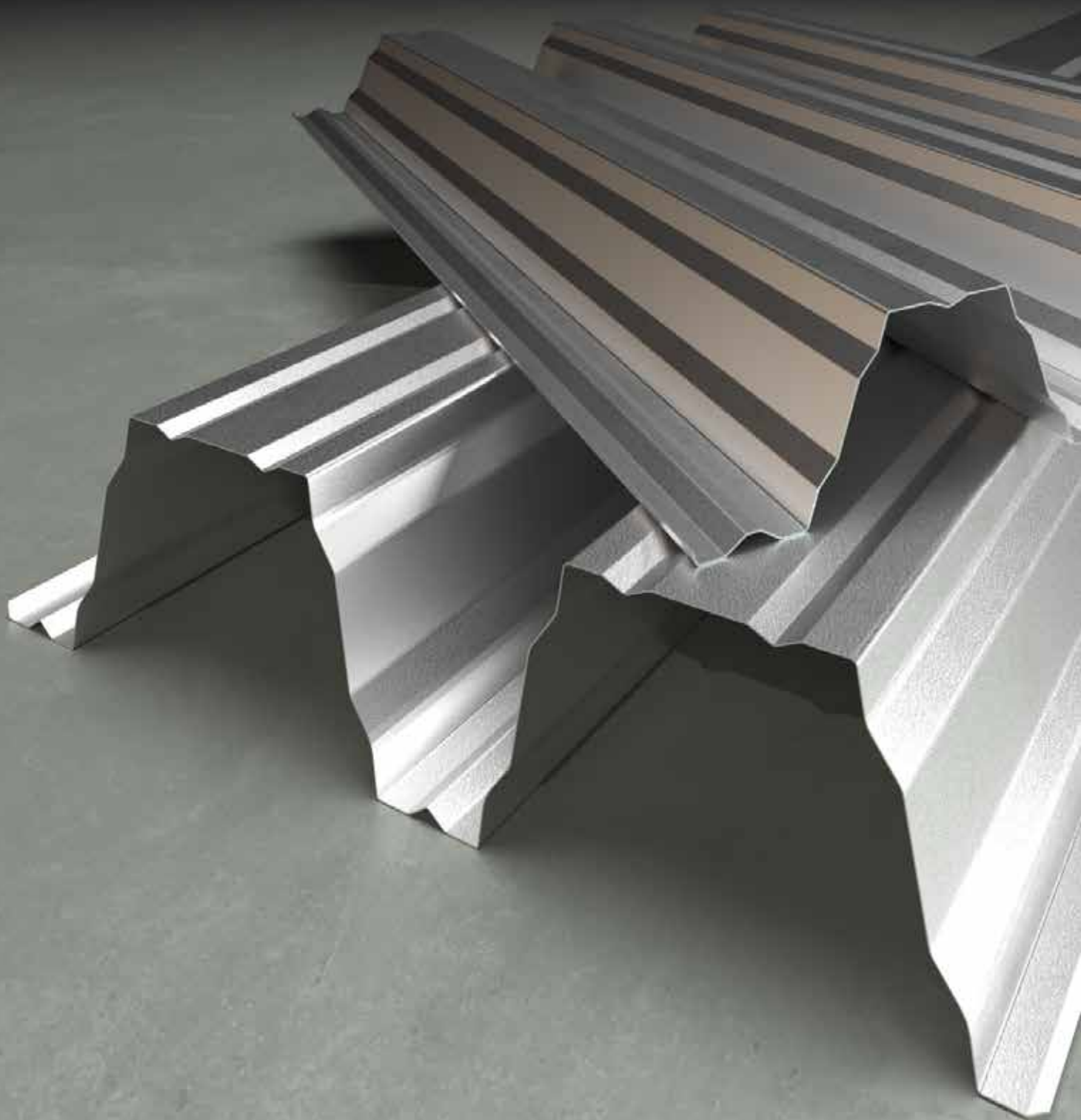
Our own outlets under the Areco Direct brand offer a complete range of Areco Profiles products, making it easy for our customers to find everything they need in one place.

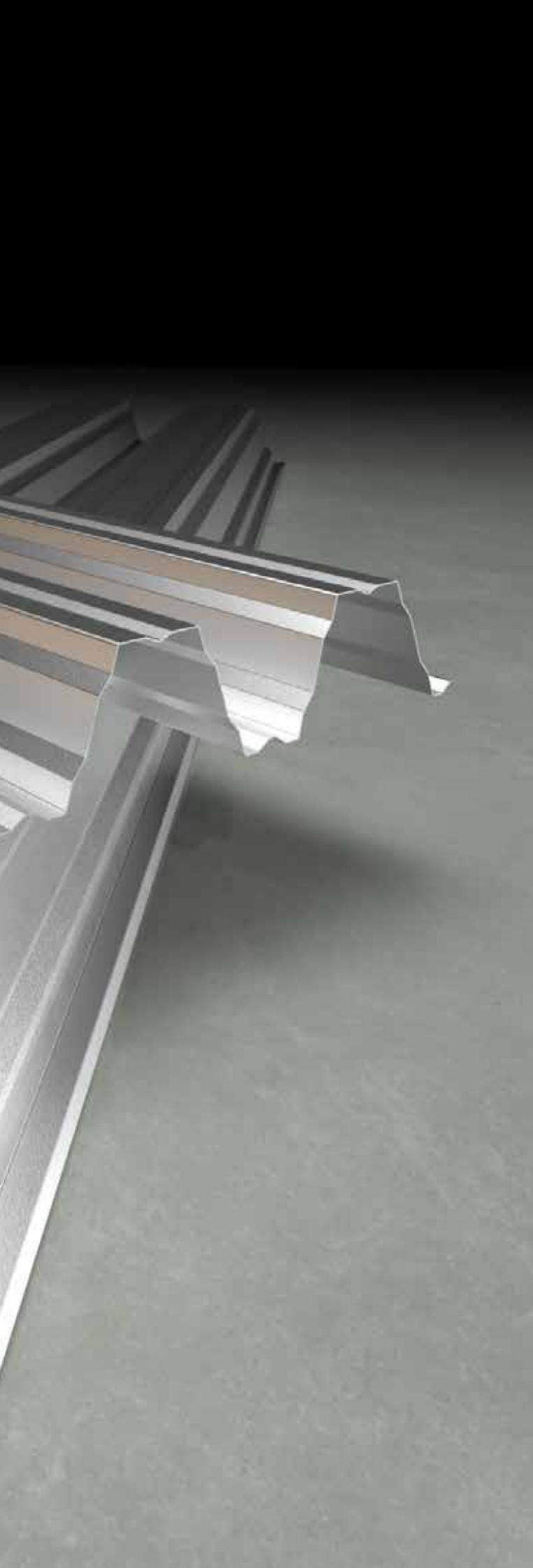
Our engineering expertise is particularly strong in design, where our technicians in Malmö and Alingsås provide structural calculations, drawings and specifications to meet our customers' specific needs.

We always strive to be flexible, adapting both our organisation and our products to meet the unique requirements of our customers.

With Areco as your partner, you get not only products and services of the highest quality, but also a partner who understands and caters to your specific needs.

01 HIGH-PROFILE





Areco self-supporting High-Profiles: TP131 and TP200

Areco TP131 and TP200 are self-supporting high-profiles that combine maximum load-bearing capacity with smart material choices and flexible use. Developed for roof structures in large buildings such as sports halls, arenas and industrial premises, they offer a solution where performance meets durability without compromise. What truly sets these profiles apart is the choice of material: Alu-zinc.

Manufactured in Alu-zinc, the profiles are provided with world-class corrosion protection. The material lasts up to six times longer than galvanised sheet and resists both moisture and temperature fluctuations – perfect for demanding indoor environments. The surface is self-healing, meaning cut edges and scratches do not lead to rust, keeping maintenance requirements to a minimum.

The sleek, glossy finish also makes Alu-zinc an aesthetically appealing choice, particularly for visible suspended ceilings and modern industrial environments. Its light-reflecting properties also improve indoor lighting conditions and can contribute to more energy-efficient buildings.

With TP131 and TP200 you get high structural performance in a lightweight format. Alu-zinc is strong but weighs less than many other metals, which simplifies installation and reduces the load on the building's frame. TP200 can span up to 14 metres, ideal where you want to reduce the number of load-bearing panels and create open, flexible spaces.

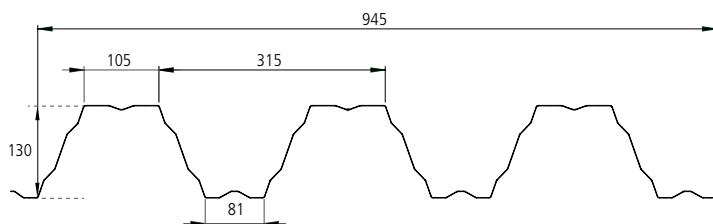
For projects where colour is important, black and white polyester finishes are also available as alternatives. These coatings offer additional design options, but for the best corrosion protection, long service life and minimal maintenance, Alu-zinc is always our first choice.

01 HIGH-PROFILE



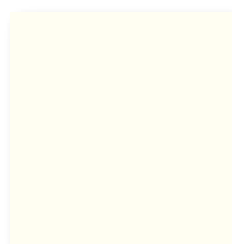
TP131 HIGH-PROFILE

Sheet thickness	0.70-1.50 mm
Weight	approx. 8.8 - 19 kg/m
Length	2,000 - 16,000 mm
Cover width (CW)	945 mm
Options	Web perforation / Fibril treatment



Product properties

- Large spans
- ID and CC marking at the factory
- Strong profile, with a yield strength of 420 MPa
- Extended cover width to 945 mm
- TP131 is available in alu-zinc, white interior polyester and black polyester



Grey white AR9002



Jet Black AR9005



Alu-zinc AR150



SS EN14782
Dimensions according
to SS EN508-1



TP131 meets the requirements
for Swedish quality and safety
marking, Certificate 0006/06



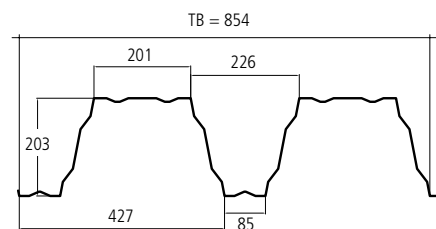
Scan the code to view
technical information and load tables.

01 HIGH-PROFILE



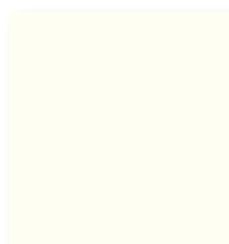
TP200 HIGH PROFILE

Sheet thickness	0.70-1.50 mm
Weight	approx. 8.4 - 18 kg/m
Length	3,000 - 16,000 mm
Cover width (CW)	854 mm
Options	Web perforation

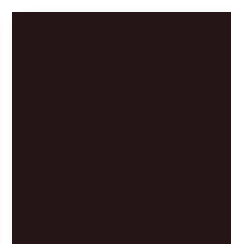


Product properties

- Large spans – up to 14 m
- Higher snow load zones
- Excellent cover width despite its height
- Sheet thicknesses up to 1.50 mm
- The profile is available in Alu-zinc, White interior polyester and Black polyester
- The profile is light, making installation easy



Grey white AR9002



Jet Black AR9005



Alu-zinc AR150

CE SS EN14782
Dimensions according
to SS EN508-1



TP200 meets the requirements
for Swedish quality and safety
marking, Certificate 0006/06



Scan the code to view
technical information and load tables.

02 SANDWICH PANELS





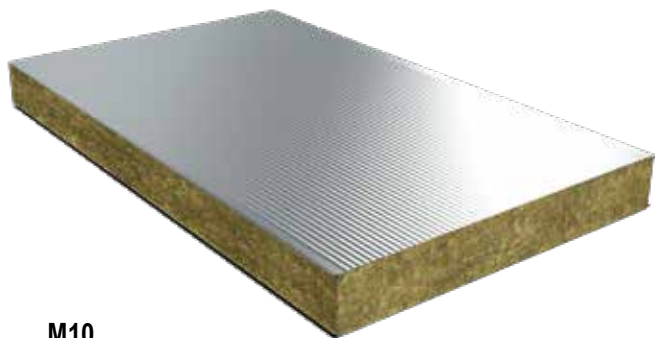
Areco Sandwich panels Mineral wool & Polyisocyanurate

Discover the benefits of Areco sandwich panels – the ultimate solution for both roofs and walls in all types of buildings. Whether you're building new or renovating, Areco offers a broad range of sandwich panels with a core of high-performance mineral wool (MW) or polyisocyanurate (PIR). Our panels combine excellent fire, thermal and acoustic insulation with outstanding durability, making them a natural choice for industrial and commercial premises, sports halls, power plants and warehouses.

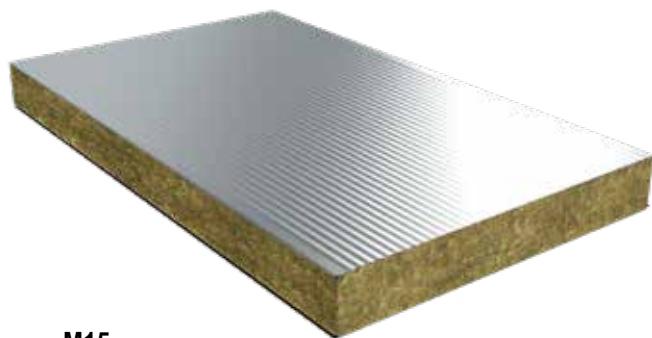
Areco sandwich panels have a mineral wool core, bonded between two coated steel sheets, available in several different profiles and colours. This gives you the ability to create unique and attractive façades that withstand both time and weather. Whether working on new build or renovation, our panels can be easily installed over long structural spans, providing quick and cost-effective installation.

Thanks to market-leading fire safety and CE marking from Finnish VTT and Swedish RISE, you can be confident that you're getting a product that not only meets but exceeds building codes and safety requirements. Our dedicated design department also offers support and guidance throughout the construction process, from planning to completion, to ensure that your project reaches its full potential.

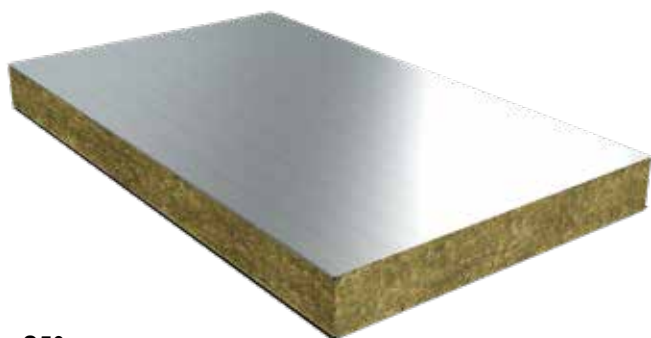
With Areco sandwich panels you get more than a high-quality construction solution – you invest in long-term durability and peace of mind. Choose Areco for faster deliveries, first-class support and products that meet the highest standard. Let us help you bring your construction project to life with style and safety.



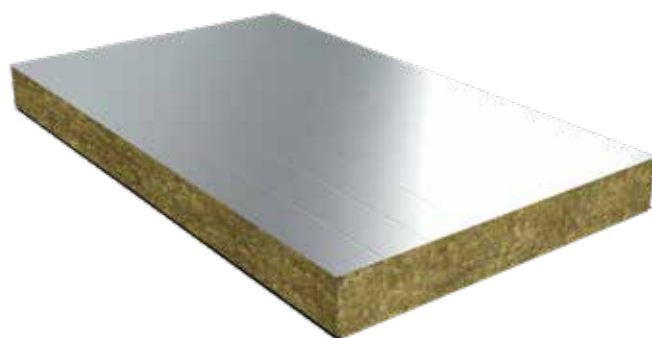
M10



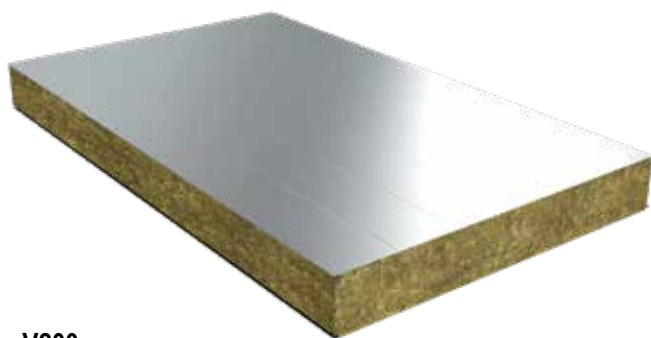
M15



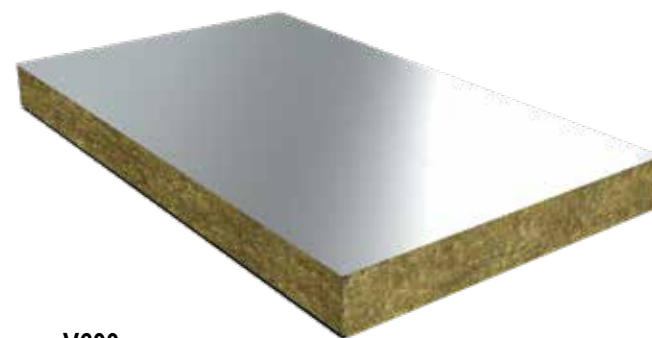
S50



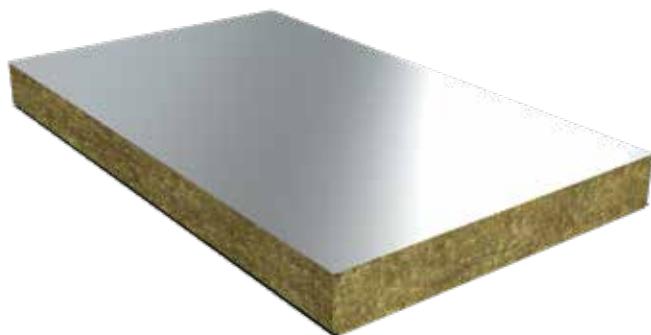
V150



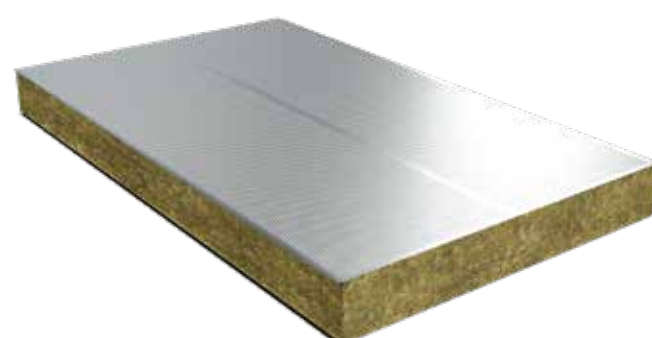
V200



V600

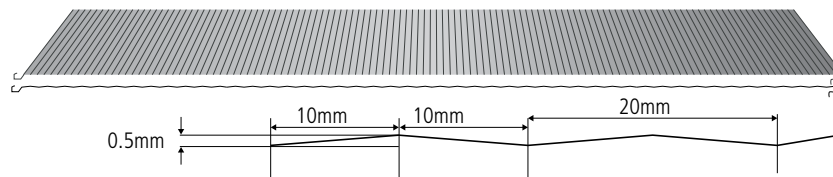


Smooth

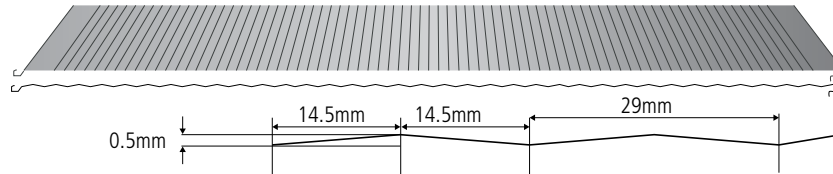


Perforated

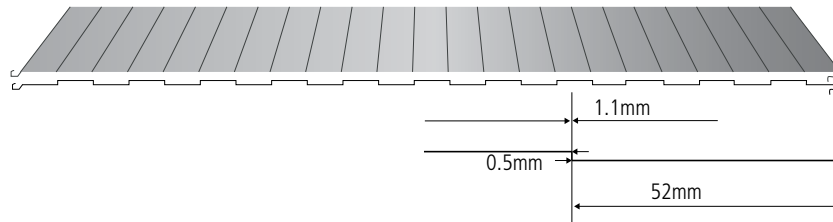
M10



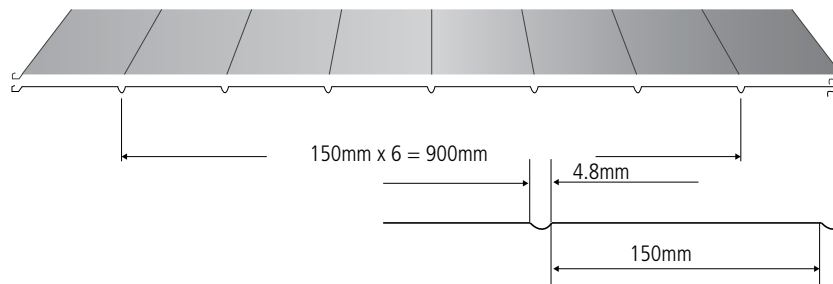
M15



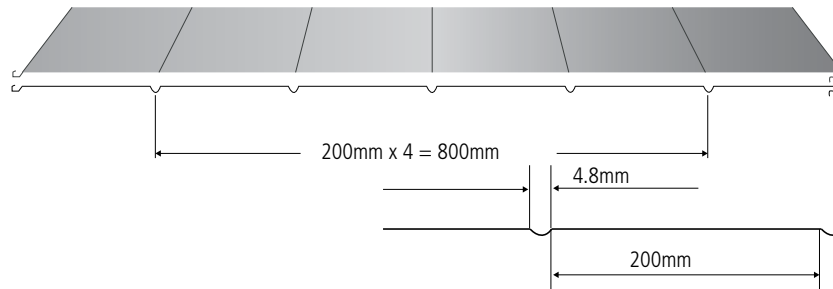
S50



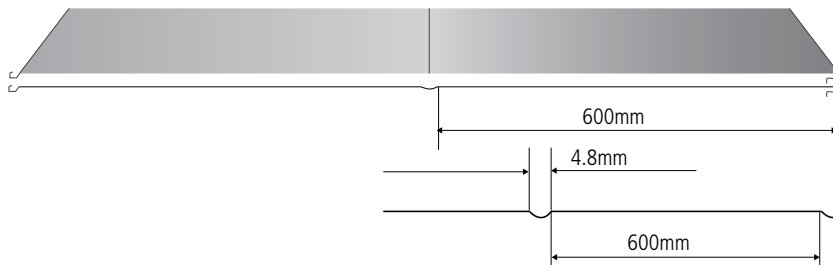
V150



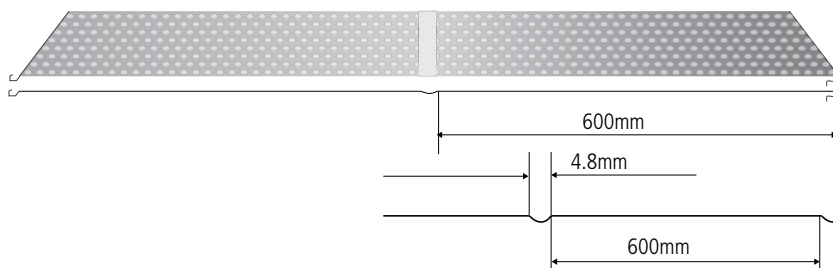
V200

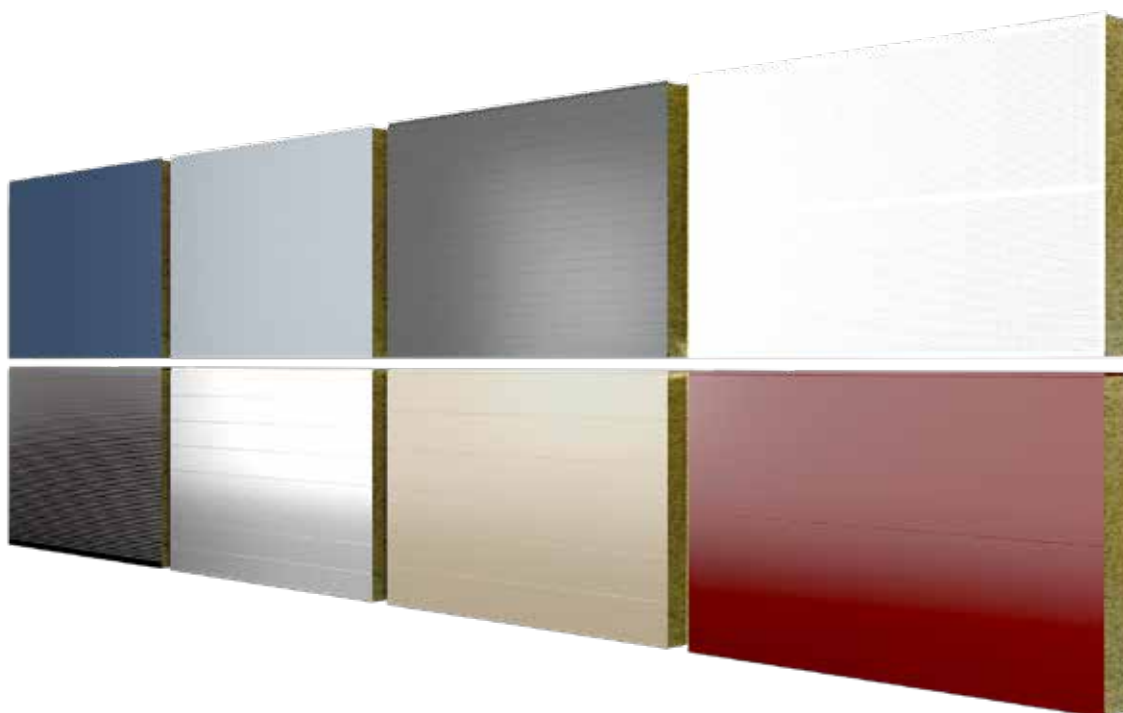


V600



Perf.





PATTERN ON THE SURFACE BOARD:

Smooth surface

Shadow gap 150, 200, 600

Profiling S50

Micro-ribbing M10, M15

Perforated interior/exterior

Surface coating alternatives: PE, PVDF and Karat. Other special coatings available as ordered.

PROFILE	SURFACE BOARD	INTERNAL SURFACE
Micro-ribbing 10	X	X (Finland)
Micro-ribbing 15	X	X (Finland)
Profiling S50	X	X
Shadow gap V150	X	X
Shadow gap V200	X	X
Shadow gap V600	X	X
Smooth	X	X
Perforated	X	X

Steel

The facing sheets of the Areco panels consist of hot-dip galvanised, coated sheet metal.



Sheet thickness

Exterior sheet 0.5 | 0.6 | 0.7 mm

Interior sheet 0.5 | 0.6 | 0.7 mm

Please contact the Areco Profiles sales department if other sheet thicknesses are needed.

Steel grade

S280 – S320

Hot-dip zinc coated (EN 10147)

Standard 275 g/m²

If needed, 350 g/m² (demanding objects)

Continuously organic coated (EN 10169)

PE/Polyester (indoor/outdoor use, max. C3) 21–25 µm

PVDF (indoor/outdoor use max. C4) 27 µm

PVDF Max (demanding objects, indoor/outdoor use max. C5) Basic colour 20 µm

Coating 40 µm

Karat (indoor/outdoor use max. C5) 45-50 µm

Foodsafe (indoor use) 120µm

Mineral wool core

The core of Areco panels consists of construction-grade mineral wool, with a fibre direction perpendicular to the facing sheet.

For optimal performance, the typically longer fibres in the mineral wool should be oriented in the same direction. This gives excellent strength properties and allows long spans without compromising outstanding thermal insulation. Mineral wool is also non-capillary, meaning it does not absorb water.

Seal

To ensure an effective vapour barrier and prevent air leakage, a seal can be applied to the joint during production. By integrating the seal at the factory, consistent quality and quicker, more reliable assembly on-site can be ensured. This minimises the risk of thermal bridges and improves the insulation properties of the panels, contributing in turn to an energy-efficient and sustainable building design.

Tolerances

All materials used in the manufacture of our panels comply with European requirements and standards. The dimension tolerances of Areco panels correspond to EN 14509 Annex D.

PROPERTY	TOLERANCE
Panel length (L)	
L ≤ 3,000 mm	± 5 mm
L ≥ 3,000 mm	± 10 mm
Panel thickness (D)	
D ≤ 100 mm	± 2 mm
D > 100 mm	± 2%
Panel cover width (CW)	± 2 mm
Panel curvature	2 mm/m, not over 10 mm
Panel straightness	1 mm/m, not over 5 mm
Panel uniformity	
l = 200 mm	≤ 0.6 mm
l = 400 mm	≤ 1.0 mm
l > 700 mm	≤ 1.5 mm



Available panel lengths

Areco panels come in lengths ranging from 2,500 to 12,000 mm. Panels smaller than 2,500 mm are cut to the required length at the construction site.

Quality

Areco panels are made of high-quality materials on a modern production line. Continuous quality control combined with testing by an independent company ensures that the panels maintain reliable quality.

CE-marking

Areco panels are certified and CE-marked. They comply with European standard EN 14509 regarding self-supporting sandwich panels with a mineral wool core and sheet metal facing.

Biological properties

Areco sandwich panels are a building material with very good occupational exposure limits. This is because mineral wool is a very poor growth medium for mould and microbes. It is also easy to keep the sheet metal surfaces clean through regular maintenance.



Scan the code to view the DoP and CE marking.

Technical properties

Areco sandwich panels are classified as non-combustible, class A2-s1, d0 in accordance with the EN 13501-1 standard. Fire resistance times and U-values in accordance with EN ISO 10211-2 are displayed in the table below. The panels are available as burglar-resistant walls up to class 2, according to SSF 1047, edition 2.

Acoustic insulation & Absorption

Acoustic and absorption tests, carried out according to ISO 354:2003, show that the ASP sandwich panel has a weighted absorption coefficient value of α_w 0.10 and is therefore not classified. The tests were carried out on two different installation types and in the frequency range 100–5000 Hz. In addition to our standard panels, we offer perforated panels designed to dampen sound in structures.

Moisture

Mineral wool is made from natural stone and does not absorb water, even when exposed directly to weather. Only the outermost 2–3 mm becomes wet, and the water runs down the surface. The wool's structure is non-capillary, meaning that water does not penetrate but quickly evaporates once the moisture supply stops.

During construction there is a lot of moisture in buildings that dries out through the insulation. For example, a concrete frame contains thousands of litres of water that is released as vapour through the mineral wool. In ventilated structures, drying begins as soon as the moisture supply stops. Since water vapour is lighter than air, the insulation dries effectively upwards. Mineral wool does not retain moisture over the long term.

Bundles

In Finland, Areco panels are packed in bundles on EPS supports, with the outside facing up. The bottom panel is protected with a foam board, while the top panel's joint structure is fitted with protective metal corner guards. The whole package is wrapped in plastic film to protect against weather and wind. Maximum package height is 1,200 mm. In Sweden, panels are packed on pallets instead, with EPS boards at the ends and cardboard on top for protection (see diagram on page 22)

Panel thickness, mm	40	50	60	80	100	120	150	175	200	240	300
Panels in package max.	30	24	20	15	12	10	8	7	6	5	4

Installation

Installation instructions can be found via the QR code.

If necessary, Areco Profiles can also recommend qualified installation companies.

Warranty

Areco provides an object-specific warranty for sandwich panels, depending on local conditions and the product properties selected for the project. Country-specific warranties and terms are available for download on our website on the ASP product page.

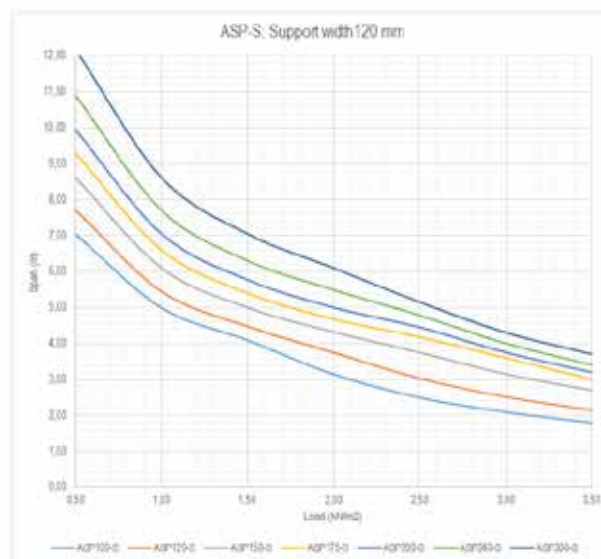
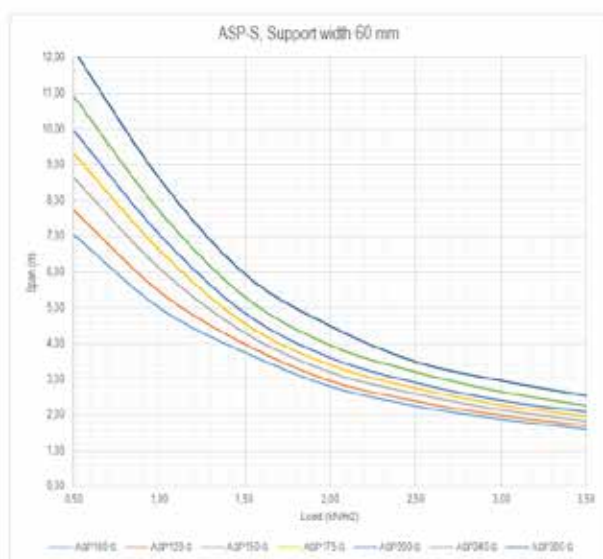
Permitted load

The serviceability and ultimate limit states must be considered when selecting the panel. The maximum permissible deflection value at the serviceability limit is $L/100$. On long panels, you must also consider density and appearance when determining the permitted curvature.

Curve diagram for Areco panel spans

The ASP-S load curve diagram is intended for selecting ASP panels for wind loads. The curve diagram can be adapted for both suction load and pressure load. Contact Areco technical support if the panel is impacted by other loads at the relevant worksite.

- The curve diagram below has been calculated for an evenly distributed load for the ultimate limit state.
- The curve diagram contains a partial figure for the panel material.
- The curve diagram contains a partial coefficient of 1.5 for wind load.
- The load is to contain a design coefficient as well as location-independent coefficients for external and internal pressure.
- Installation must meet the requirements of the support surface as specified in ASP standard components.



Contact Areco technical support if the panel being installed has multiple openings. The minimum dimension of the panel's support width is 50 mm. This is to be checked as required based on the actual load. The maximum permitted vertical load on an edge protected by a U-profile is 2.5 kN/m^2 , with the U-profile secured with screws on both sides (cc 600 mm).



Scan the code for access to all span diagrams.

Protect intermediate roof panels from foot traffic

The panels are not designed for use as a permanent walkway. If the panel will be walked on temporarily or when performing maintenance, it must be protected using a board that distributes the load. Walking directly on the panel's sheet metal surface could cause local ruptures in the mineral wool fibres underfoot, which would greatly reduce the load-bearing capacity of the panel. To distribute the load when walking on the panel, use a 12 – 15 mm sheet of plywood for example.

Securing the panel

Panel attachment must be designed for the forces acting on it, and the load on the installation site. The maximum permissible load values for through-fixed panel fasteners are given in the table below.

The value N_{Rd} is the screw's design strength value, provided the platform's performance values meet these as a minimum.

	Tension	Shear
Panel brackets 5.5/6.3 mm	N_{Rd}	V_{Rd}
Underlay panel 19 mm	1.37	1.50
Underlay panel 29 mm	2.09	1.50

Permitted load on crossing panel brackets. The fastening strength of the underlay must be reviewed separately.

Fastening the panel using boards

The panel can also be secured using draw nuts and tie rod anchors. This fastening method is useful for connecting columns or rolled columns with thick flanges. You will find more information on the different fastening methods for panels in the ASP principle details. When planning, check the shear force caused by the panel's weight in connection with fastening. For example, vibrations caused by ground compaction that could push against the whole panel wall must also be taken into consideration.

When securing panels using boards, we recommend using a fastener that absorbs the shear force (1 pcs + fixings) on every element, or on every fifth panel so that the entire panel is fastened with panel screws (all of the panel's fastening points using panel screws).

Suspension on the surface of the panel

If suspension causes dynamic loading, you must use screws that cross the panel at its fastening point. This must be considered when designing for the fastening of the panels.

The maximum permissible weight of facade cladding is 30 kg/m². The cladding is secured to profiles, and the maximum permissible distance between them is 600 mm.

Permitted load on surface brackets			
Bracket	Tension, wall	Tension, underside of ceiling	Shear
Sheet metal screw, diameter > 4.5 mm	250 N	200 N	500 N
Rivet	350 N	200 N	500 N

Permitted load on surface brackets if the distance between brackets is at least 2 mm.

Pressure caused by suspension

The pressure caused by an item fixed to the panel's surface can be estimated as the product of the pressed area and the panel's permissible pressure (ASP-S, $F_{\text{press,valid}} = 0.059 \text{ N/mm}^2$, CE-marked).

$$F = \frac{F_{\text{press, valid}} \times A_{\text{pcs}}}{\gamma_{\text{panel}} \times \gamma_{\text{load}}}$$

F = the maximum permissible pressure caused by an item connected to the surface

A = the pressed area of the fixed item

$\gamma_{\text{panel}} \times \gamma_{\text{load}}$ = the combined partial coefficient of the panel and load = 1.9

At individual fixing points, load resistance can be increased using support plates fixed to the sheet metal using adhesive and screws. One example of this is ladder structures.

Fastening in panel structures that divide fire compartments

In fire situations, the panel's facing sheet facing the fire detaches from the wool and forms an insulating air gap against the fire. Fixing to the surface of a panel structure that divides fire compartments weakens the surface structure's strength in a fire situation. You may fix smaller devices (e.g. switches) to the walls, but on fire walls avoid all types of fixings and suspensions.

In a fire situation, a hatch or door without a frame must be a type-certified mineral wool panel such as a fire wall or fire roof.

Openings in the panel and load transfer around an opening

Making openings in the panel weakens the panel's load-bearing capacity under load. You can make an opening up to 1/2 the panel's height without separate support in the panel. If you want to make larger openings, you must support the panel with a separate opening frame. In some cases, U-profiles can be used instead of a separate frame to support the opening; these options depend on the opening's geometry, position on the wall and the load on the wall. For more information about the function and application of U-profiles, contact Areco's design department.



The load on a panel with openings can be transferred to the adjacent panel via the panel's tongue and groove joint according to the formula 25% + 25%. The designer must ensure the load-bearing capacity of the adjacent panel is not exceeded due to the transferred load.



Example:

The opening in the panel is 500 mm x 500 mm

The standard height of the panel is 1,200 mm

Q = calculated wind load for the panel 1 kN/m², including partial safety

Q_{ae} = wind load for the panel where the opening is located

Q_{ve} = load for the panel adjacent to the panel with the opening

F_{Rd} = the panel's permitted strength with the span in question 1.3 kN/m²

$F_{Rd,r}$ = reduced panel's strength

$$F_{Rd,r} = F_{Rd} \times \frac{\text{intact part of the panel}}{\text{total height of the panel}} = 1.3 \text{ kN/m}^2 \times \left(\frac{1,200 \text{ mm} - 500 \text{ mm}}{1,200 \text{ mm}} \right) = 0.75 \text{ kN/m}^2$$

$$Q_{ae} = Q \times (1 - (\text{part of the load to be transferred [\%]})) = 1 \text{ kN/m}^2 \times (1 - (0.25 + 0.25)) = 0.5 \text{ kN/m}^2$$

$$Q_{ve} = Q \times \text{part of the load to be transferred to the panel [\%]} = 1 \text{ kN/m}^2 \times 1.25 = 1.25 \text{ kN/m}^2$$

$$Q_{ae} < F_{Rd,r} \rightarrow \text{OK}$$

$$Q_{ve} < F_{Rd} \rightarrow \text{OK}$$



Scan the code to view
the annex on panel openings.

When handling and installing Areco sandwich panels, caution must be exercised as the panel surface is sensitive to scratches. To help with this, the surface layer is protected by a thin plastic film. It is easier to remove the protective film after installation.

TRANSPORT AND UNLOADING

The panels are normally transported to construction sites on goods vehicles. Before loading, the condition of the transport vehicle's bed and its edges should be checked and ensured. Nails and other sharp objects could easily damage the panels during transport, loading, and unloading.

The bed of the transport vehicle must be sufficiently long. The panel packages can be up to 12 m long, and may overhang the rear edge of the vehicle bed by a maximum of 1.5 m. The packages may be stacked in two layers for transport. The driver must make sure that the panels are properly secured. The recommended bed width for panel transport is 2.5 m, allowing 2 panel packages side-by-side.

The straps used to secure the packages must have a width of at least 50 mm. The number of straps depends on the length of the packages. We recommend that straps are spaced about two metres apart. There must always be edge protection between the strap and the panel to protect the edges from damage. If other materials or products are included in the same transport, these must be secured with separate straps.

PACKAGING

Panels are packed on an EPS platform and wrapped in shrink film. The maximum package dimensions are 12 m × 1.23 m × 1.3 m. Good package planning leads to efficiency at the construction site.

If panels of different lengths are packed in the same transport/package, the shortest panels should be placed at the top.

Panels shorter than 2,500 mm must be cut on site before installation. Panels of the same colour are packed in the same package. A number makes it easy to find the right package.

The figure below shows the standard packaging of panels. Other types of packaging are always agreed separately when ordering. The number of panels in a package varies depending on panel thickness:

ASP40 30 pcs/pack.

ASP50 24 pcs/pack.

ASP60 20 pcs/pack.

ASP80 15 pcs/pack.

ASP100 12 pcs/pack.

ASP120 10 pcs/pack.

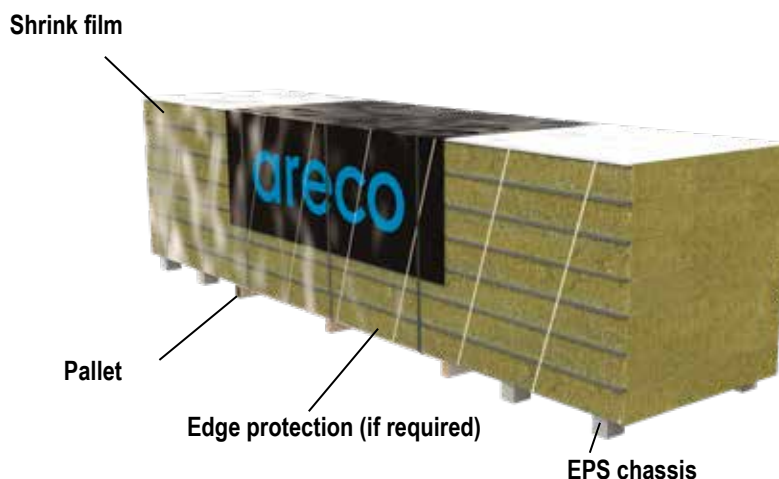
ASP150 8 pcs/pack.

ASP175 7 pcs/pack.

ASP200 6 pcs/pack.

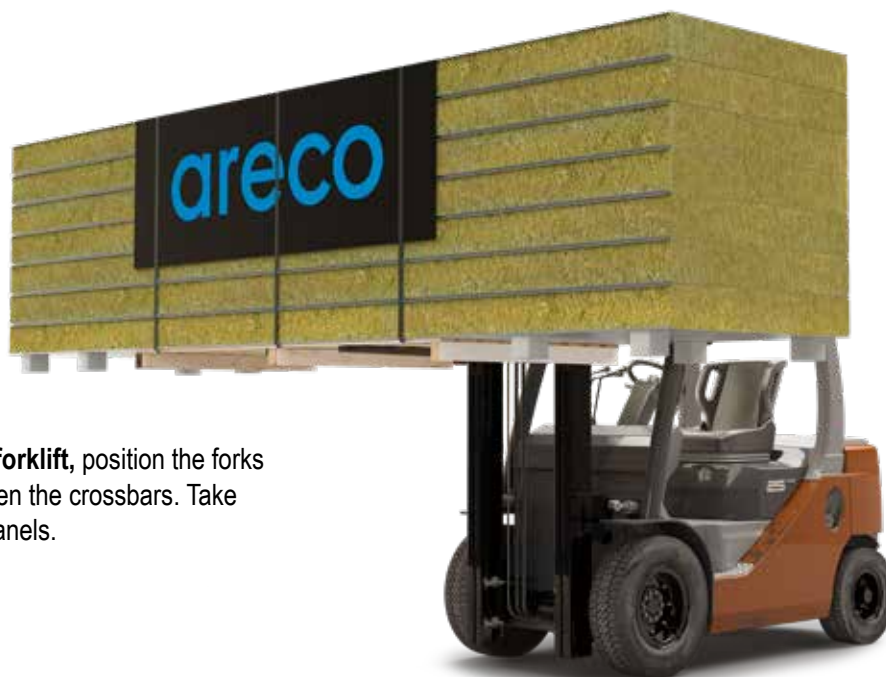
ASP240 5 pcs/pack.

ASP300 4 pcs/pack.

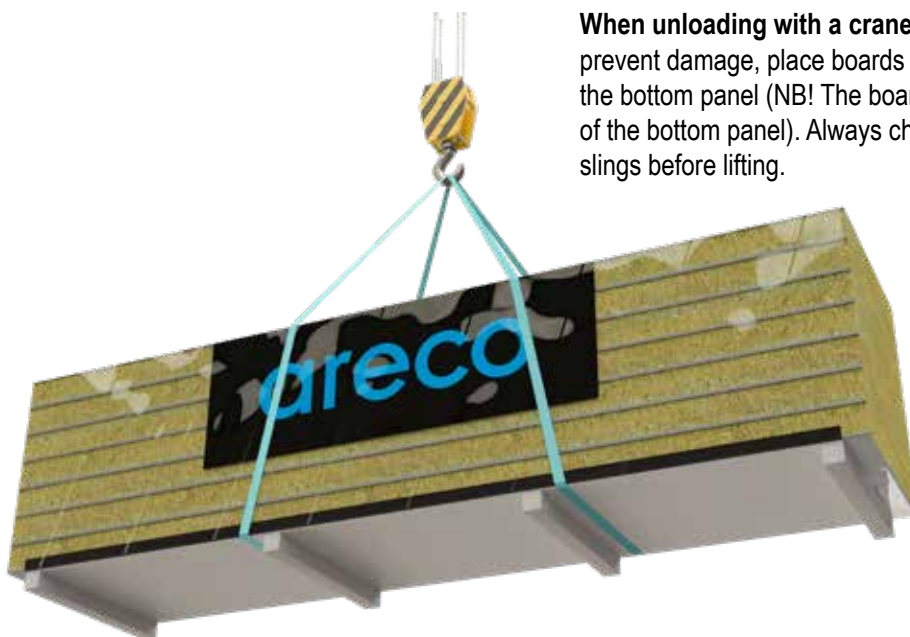


RECEIPT AND UNLOADING

Upon arrival of the delivery, first check the quantity and condition of the panels. If the dimensions do not match those found on the packing list or if there is transport damage, please contact customer support at Areco Profiles immediately. Elements must be unloaded one package at a time using a forklift or crane.



When unloading with a forklift, position the forks under the package between the crossbars. Take care not to damage the panels.



When unloading with a crane, use double lifting slings. To prevent damage, place boards between the lifting slings and the bottom panel (NB! The boards must be as long as the width of the bottom panel). Always check the condition of the lifting slings before lifting.

CUTTING AND OPENINGS

Use a suitable reciprocating saw or jigsaw to cut panels and/or make openings. Long cuts should be made using a circular saw.

We advise against cutting panels using an angle grinder as the very hot swarf could damage the coating of the panel. Always brush off swarf after cutting to prevent corrosion.

ASP LIFT

We recommend using our ASP lift when lifting panels. These can be ordered for delivery by Areco.

There are several types of lifting device for the various types of panel. A special lifting device for cut panels is shown below. Use a vacuum lift (suction cup lift) when lifting dividing wall panels.

Tongue-and-groove lift

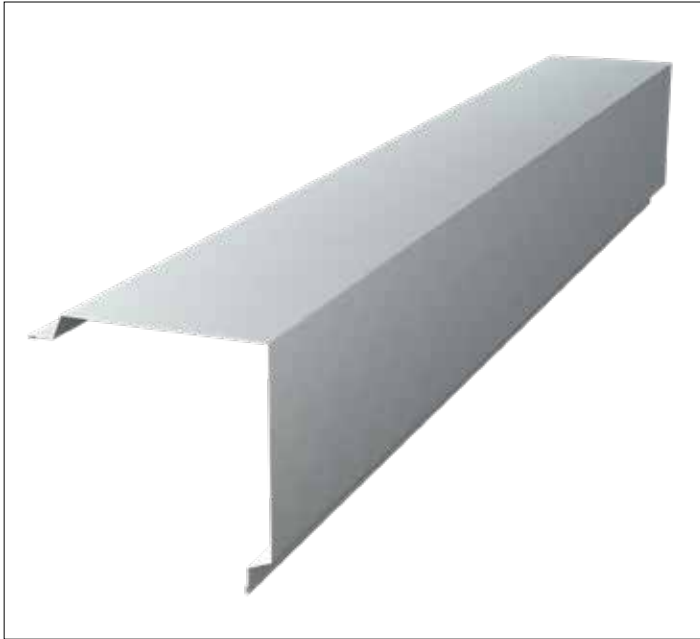


Lift for cut panels

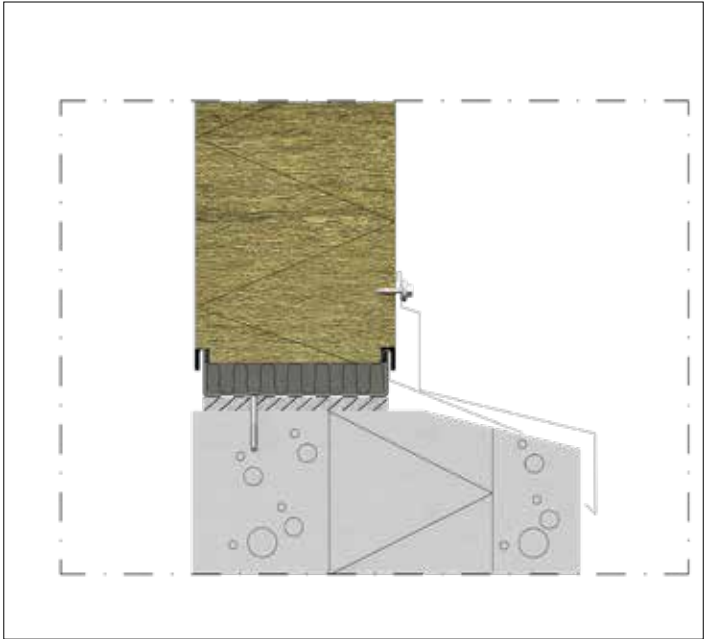




Scan the code to view all of the standard fittings and their technical specifications.



Scan the code to view all of the standard components and their technical specifications.



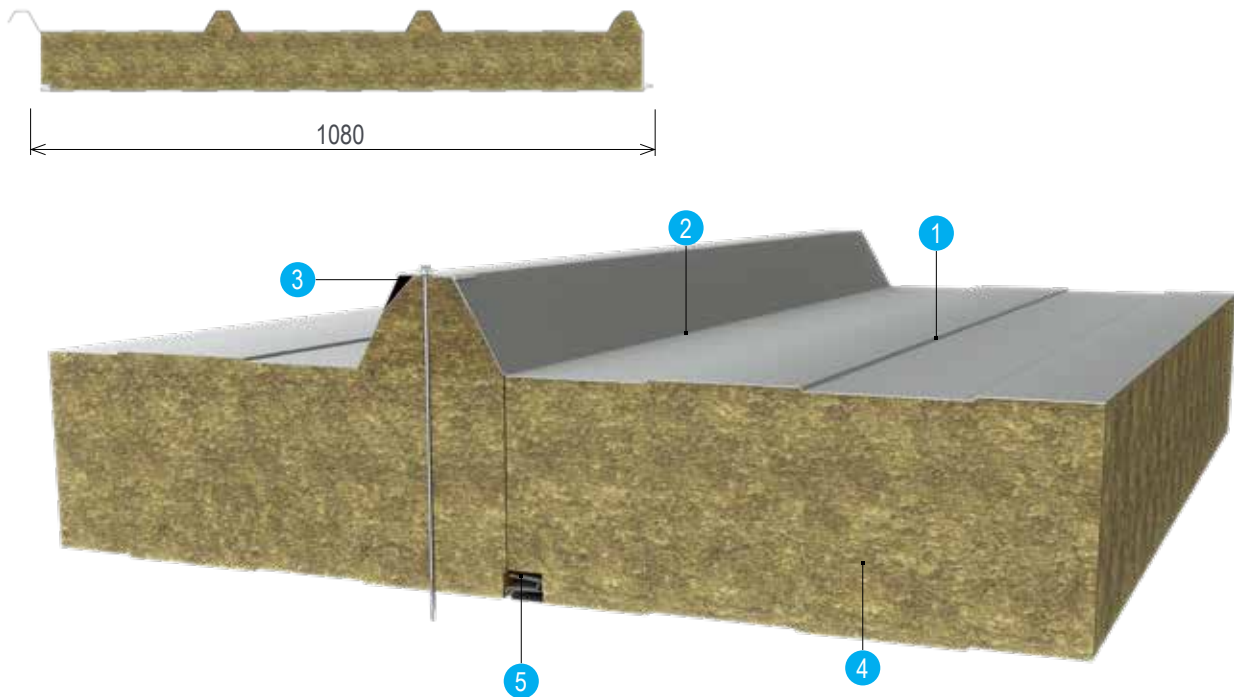
Scan the code to view our acoustic tests.



Scan the code to view concealed screw installation.



Sandwich roof panels with a mineral wool core (MW).



1 Coated sheet metal

2 Box-profile sheeting for added rigidity

3 Seal

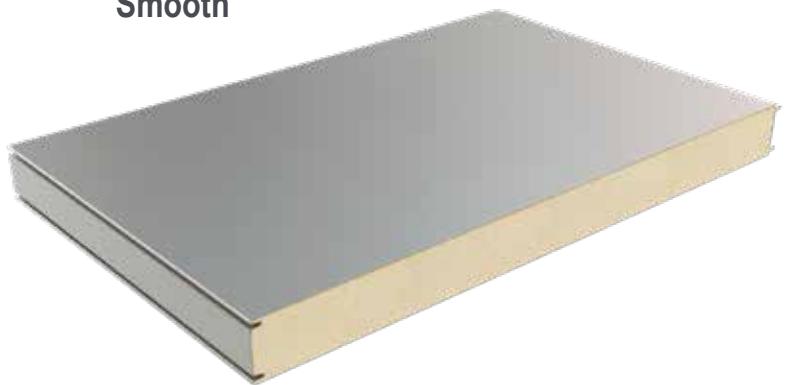
4 Mineral wool

5 Tongue-and-groove joint

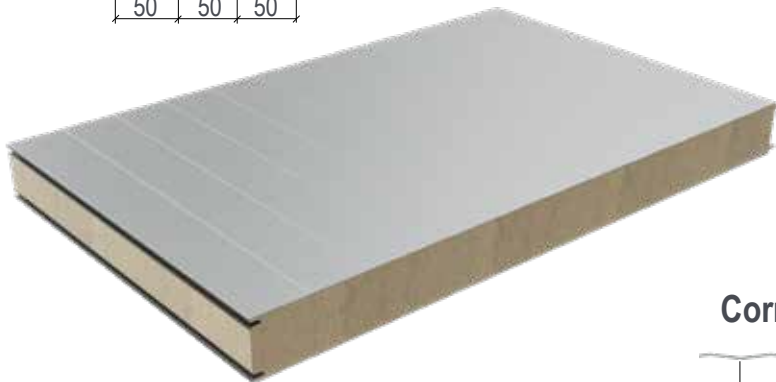
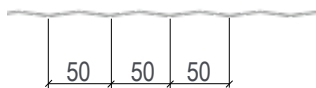
Ruled



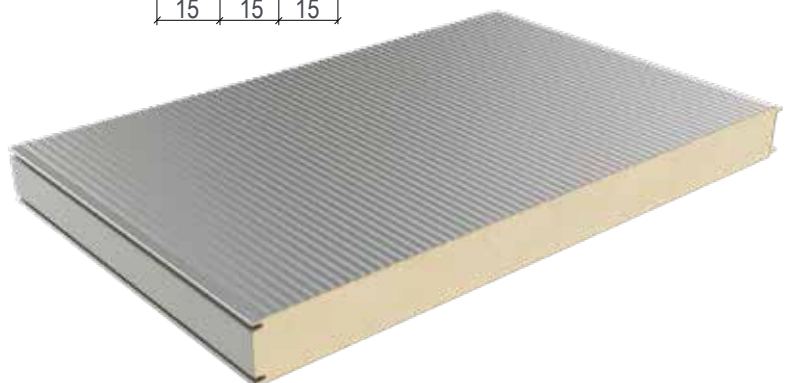
Smooth



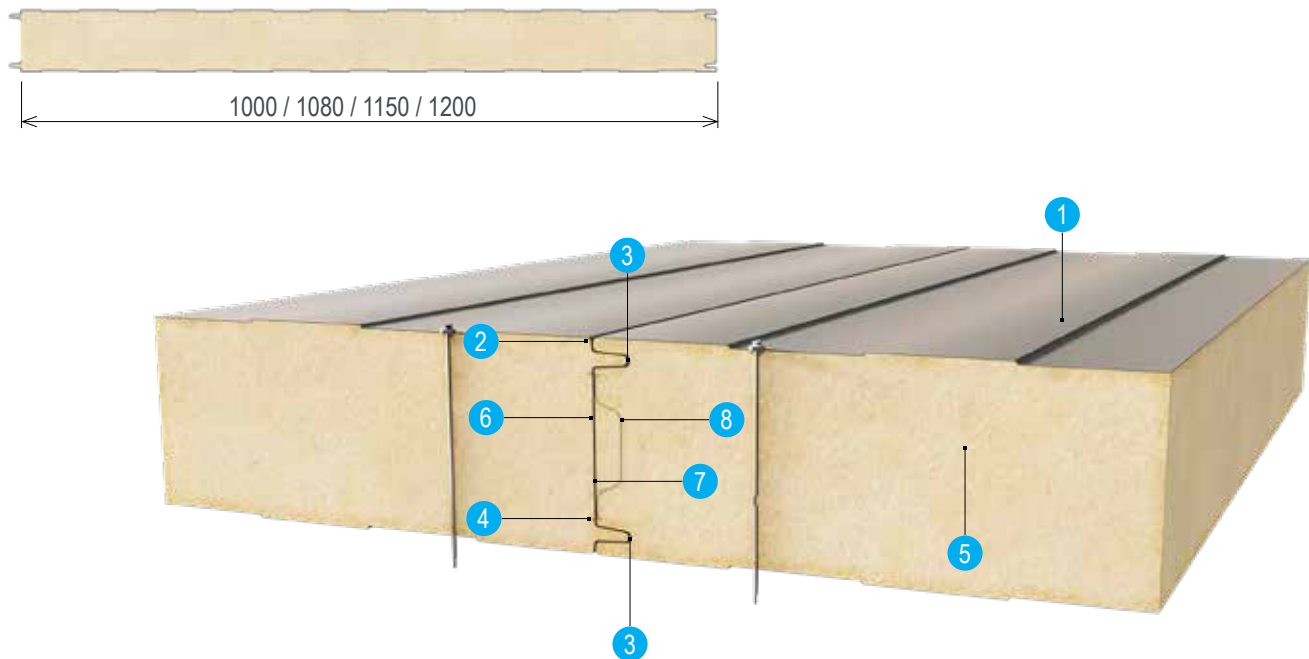
Corrugated 50



Corrugated 15



Sandwich panels with a polyurethane (PIR) core. Visible fixing.



1 Coated sheet metal

2 There are various patterns of profiled surfaces

3 Tongue-and-groove joint

4 Profiled edges facilitate installation and ensure correct thermal insulation performance

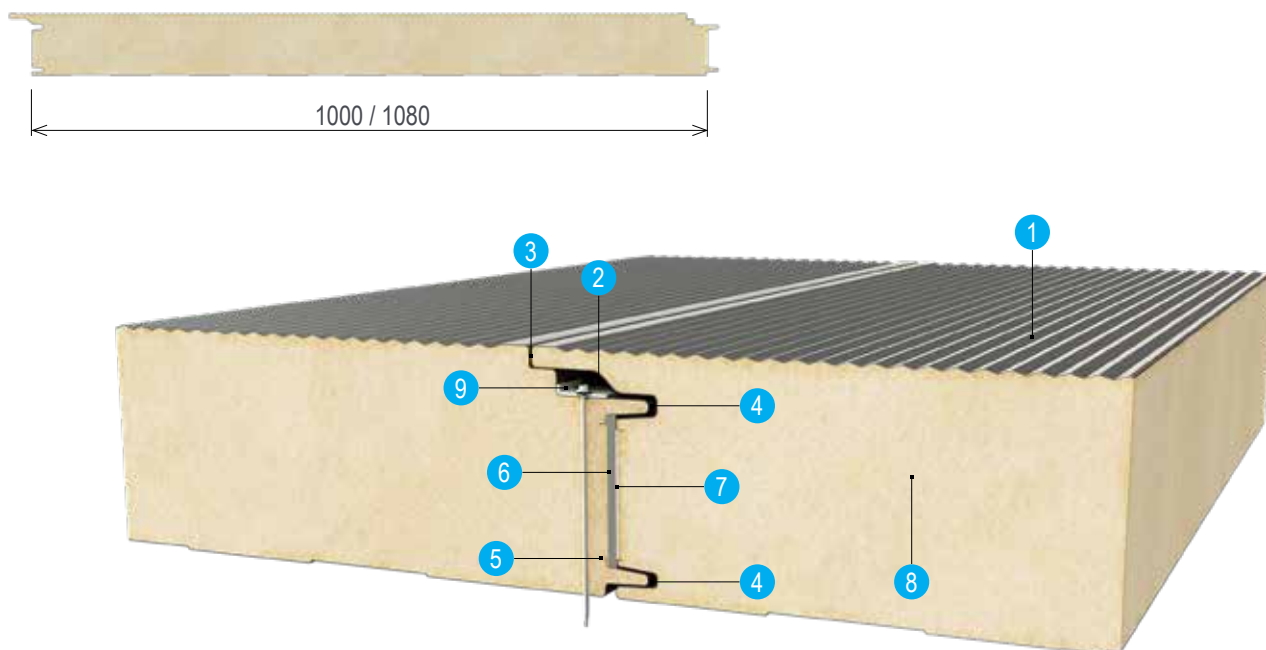
5 PIR foam

6 Factory fitted seal

7 Factory-fitted seal

8 Labyrinth joint to achieve the best thermal properties

Wall panels with a polyurethane (PIR) core. Concealed screw installation.



1 Coated sheet metal

2 Concealed fixing gives the façade a uniform appearance

3 Large bending radii ensure the durability of the cladding's protective coatings

4 Double panel lock ensures the best fire performance

5 Profiled edges facilitate installation and ensure the correct thermal insulation performance

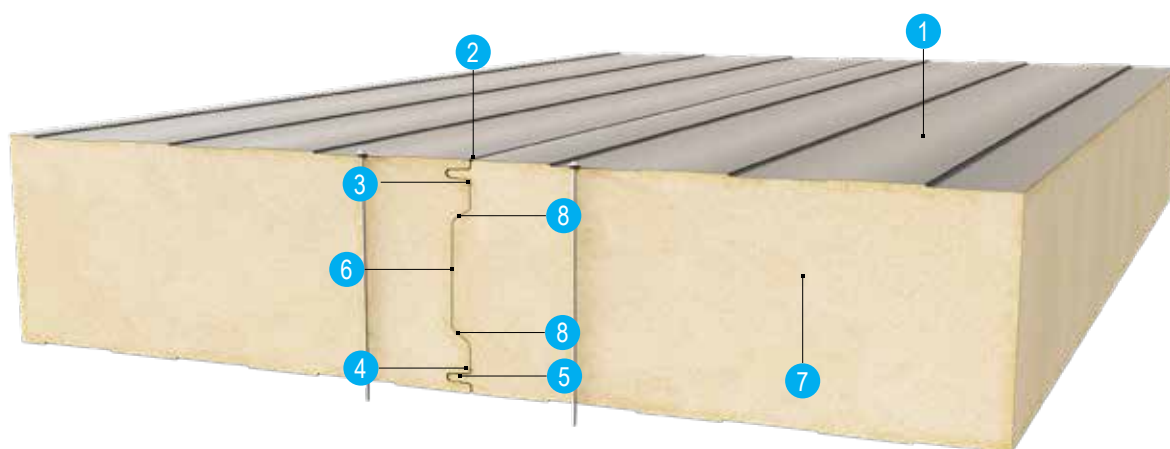
6 A seamless polyurethane seal maintains the correct thermal insulation properties and joint seal – applied during manufacture

7 A protective strip prevents diffusion, water and gas ingress, and vapour penetration into the insulation core

8 Core of rigid, CFC-free, self-extinguishing PIR-F/PIR-N foam with very good thermal insulation properties

9 L-02 fixing that ensures the proper load distribution

Wall panels with a polyurethane (PIR) core.



1 Coated sheet metal

2 Seal applied on the construction site (optional)

3 Large bending radii ensure the durability of the cladding's protective coatings

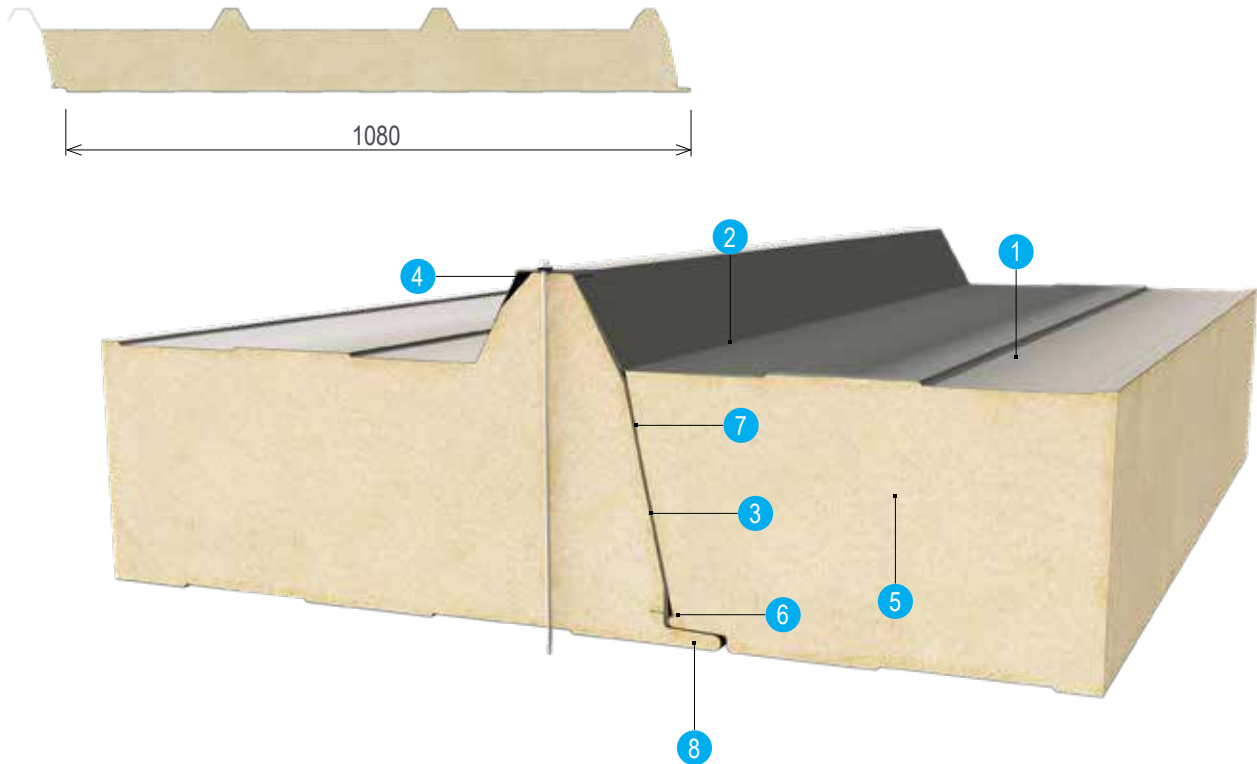
4 Profiled edges facilitate installation and ensure correct thermal insulation performance

5 Double panel lock ensures the best fire performance

6 Labyrinth joint in the core eliminates thermal bridges

7 Core of rigid, CFC-free, self-extinguishing PIR-F/PIR-N foam with very good thermal insulation properties

Roof panels with a polyurethane (PIR) core.



1 Coated sheet metal

2 Large bending radii ensure the durability of the cladding's protective coatings

3 Seamless polyurethane seal, applied during manufacture, ensures a good joint seal

4 Capillary action prevented by a special chamber

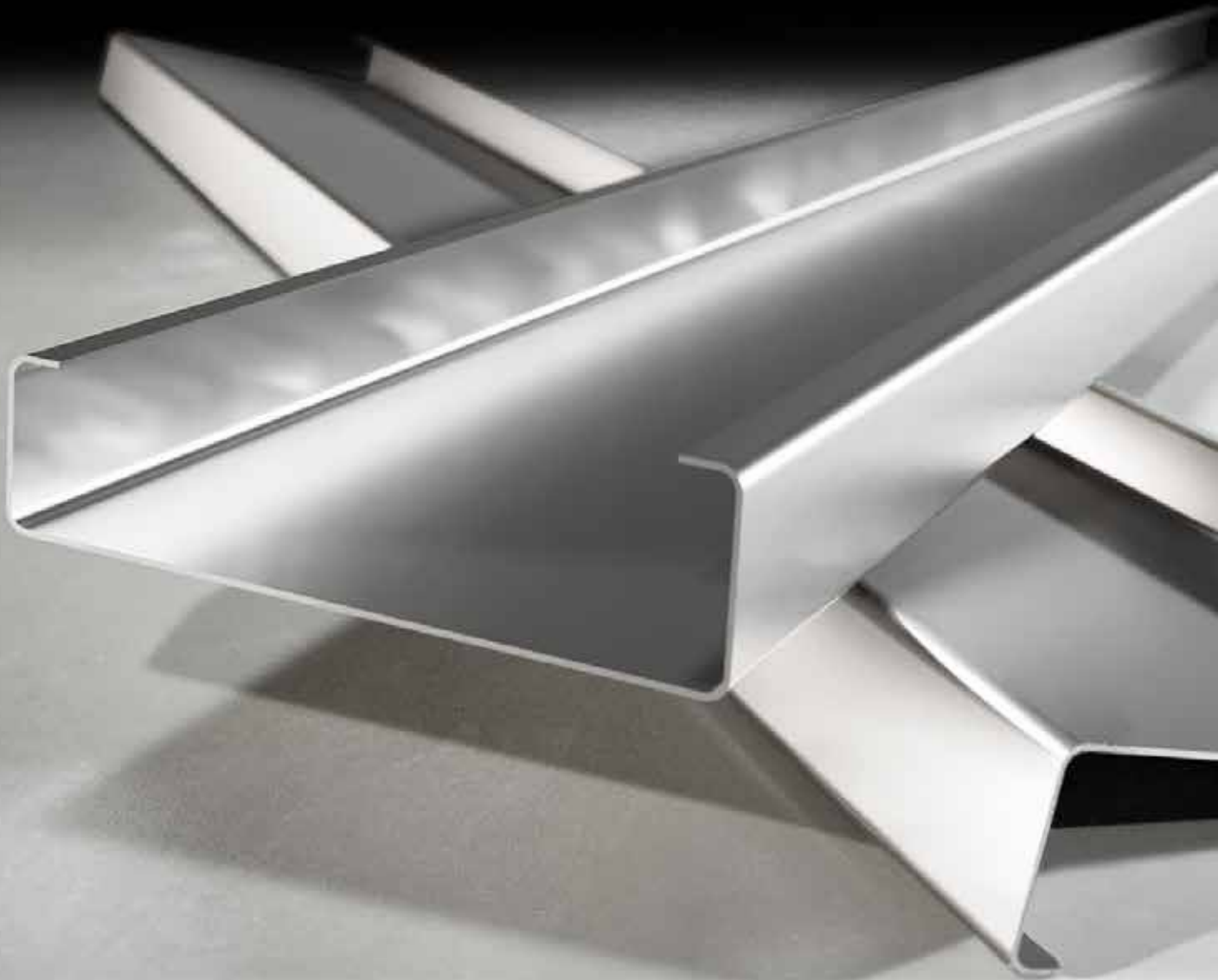
5 Core of rigid, CFC-free, self-extinguishing PIR-F/PIR-N foam with very good thermal insulation properties

6 Profiled edges ensure joint seal

7 A protective strip prevents diffusion, water and gas ingress, and vapour penetration into the insulation core

8 Straight bottom interlocking joint ("shelf" joint)

03 LIGHT-GAUGE BEAMS





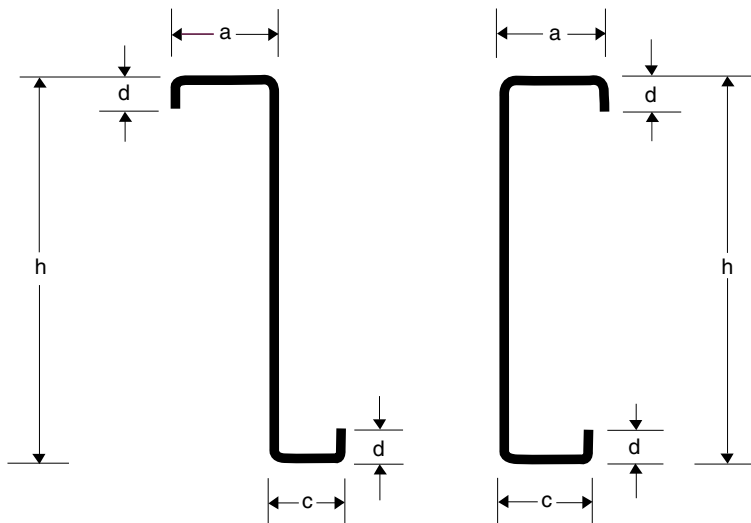
Areco C and Z light-gauge beams For modern building projects

Discover the power of Areco C and Z light-gauge beams – where innovation meets functionality. These light-gauge beams combine low weight with impressive strength, making them an unbeatable choice for roofs, façades and partition walls. Their high load-bearing capacity gives you the freedom to increase the spacing between structural members, which not only saves material but also reduces labour costs.

Designed to suit the most common insulation dimensions, Areco C and Z light-gauge beams offer flexible, efficient installation. Whether you're working on new construction projects or renovations, our light-gauge beams will ensure that your structures remain strong, durable and energy-efficient.

With Areco C and Z light-gauge beams, you get more than a product – you get a solution that optimises both workflow and building performance. Choose Areco – for strength, precision and durability in every project.

03 LIGHT-GAUGE BEAMS



Dimensions (h): 100 - 300 mm
Thickness: 1.20 - 3.00 mm

Tolerances

Length:	+15 /-5 mm
Profile height (h):	+2/-2 %
a-flange width:	+2/-1 mm
c-flange width:	+1/-1 mm
Edge stiffener width (d):	+4 mm/-5 %
Lateral bow:	+0.10/-0.15% of beam length
Skew:	+1/-1 degree per linear metre
Corner angles	+3/-3 degrees
Radius:	+1/-1 mm



SS EN1090
Dimensions according
to SS EN508-1



Light-gauge beams meet the
requirements in Certificate
0402-CPR-SC0037-15



Scan the code to view
technical information and load tables.

03 LIGHT-GAUGE BEAMS



Areco C-Z light-gauge beams are manufactured from high-quality, galvanised S350 grade steel and are available in thicknesses from 1.20 to 2.50 mm. Lengths range from 1,000 mm to 11,200 mm, providing great flexibility in construction. To facilitate installation, we can pre-punch the light-gauge beams with holes for mounting bolts on request. Punching is offered in Ø14 or Ø18 mm diameters, with a minimum centre to centre spacing of 70 mm. Up to two holes can be positioned vertically and up to three rows can be made, enabling flexible and customised installation.



04 PROFILED SHEET METAL





Areco roof and wall profiles Sustainable and stylish roofing solutions

Our roof tile profiles combine superior strength with the timeless aesthetic of a traditional roof, creating a perfect balance between functionality and beauty. Weighing only 4.5-5.9 kg/m², these profiles are not only easy to handle but also reduce the load on the roof structure, making them an excellent choice for both new builds and renovation projects.

We offer a wide selection of colours so you can find the perfect shade to match your project. Whether you prefer classic low profiles or modern medium profiles – which offer not only very good load-bearing capacity but also an attractive design – we're here to meet your needs. Our roofing solutions are both simple and cost-effective, suited to all types of construction – large and small.

Our profiles are available in various sheet thicknesses and colours, and can be chosen as uninsulated or insulated depending on your specific needs. To protect against corrosion and extend the roof's service life, we also offer the option of coating the sheets with our specially developed Arcond anti-condensation felt. For larger projects, profiles can be produced in lengths of up to 11.2 metres, minimising the need for joints and simplifying installation.

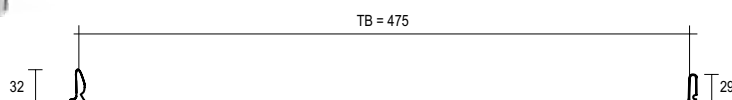
At Areco, we are proud to offer roofing solutions that not only meet but exceed expectations. Whether it's a residential roof or a large industrial project, we have the products that combine durability, aesthetics and simplicity to give you the perfect roof.

04 PROFILED SHEET METAL



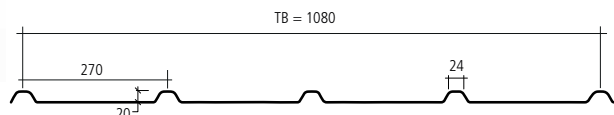
EASY-CLICK ROOF SHEET

Sheet thickness	0.60 mm
Weight	approx. 5.9 kg/m ²
Length	1,000 - 10,000 mm



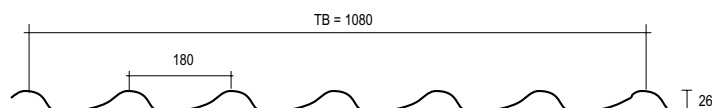
TILE SHEET ROOF SHEET

Sheet thickness	0.60 mm
Weight	approx. 5.0 kg/m ²
Length	400 - 8,500 mm
Options	Available with or without ribs



PRESTIGE ROOF SHEET

Sheet thickness	0.50 0.60 mm
Weight	approx. 4.5 kg/m ²
Length	400 - 8,000 mm
Step length	350 mm



SS EN14782
Dimensions according
to SS EN508-1



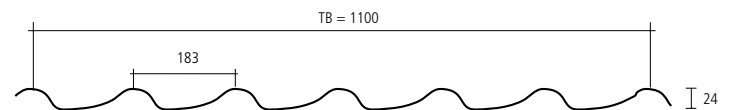
Scan the code for colours
as well as technical information and load tables.

04 PROFILED SHEET METAL



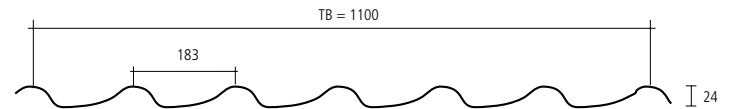
CIRRUS ROOF SHEET

Sheet thickness	0.50 mm
Weight	approx. 4.5 kg/m ²
Length	400 - 6,400 mm
Step length	400 mm
Step height	20 mm



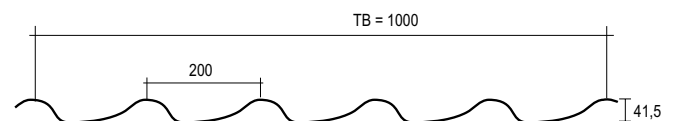
STRATOS ROOF SHEET

Sheet thickness	0.50 mm
Weight	approx. 4.5 kg/m ²
Length	400 - 6,400 mm
Step length	350 mm
Step height	16 mm



EXCLUSIVE ROOF SHEET

Sheet thickness	0.50 0.60 mm
Weight	approx. 4.5 kg/m ²
Length	400 - 8,000 mm
Step length	400 mm



SS EN14782
Dimensions according
to SS EN508-1



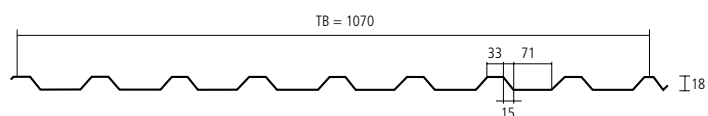
Scan the code for colours
as well as technical information and load tables.

04 PROFILED SHEET METAL



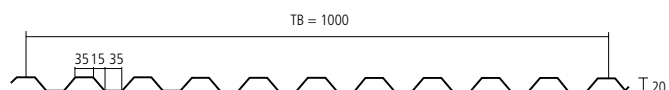
TP18 ROOF SHEET

Sheet thickness	0.40 - 0.65 mm
Weight	approx. 4.5 - 7.0 kg/m ²
Length	500 - 11,000 mm



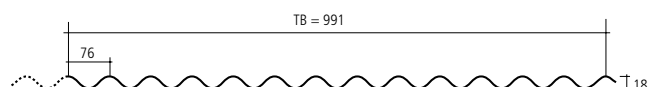
TP20 ROOF SHEET

Sheet thickness	0.40 - 0.65 mm
Weight	approx. 4.5 - 7.0 kg/m ²
Length	500 - 11,000 mm



SINUS 18 ROOF SHEET

Sheet thickness	0.50 - 0.65 mm
Weight	approx. 4.5 - 7.0 kg/m ²
Length	500 - 11,000 mm



SS EN14782
Dimensions according
to SS EN508-1



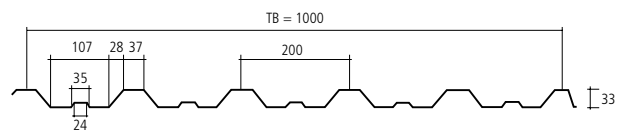
Scan the code for colours
as well as technical information and load tables.

04 PROFILED SHEET METAL



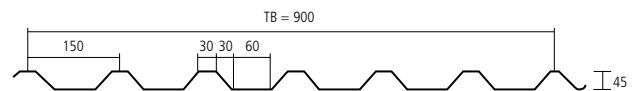
TP35 ROOF SHEET

Sheet thickness	0.50 - 0.65 mm
Weight	approx. 4.5 - 7.0 kg/m ²
Length	500 - 11,000 mm
Options	Available with or without ribs



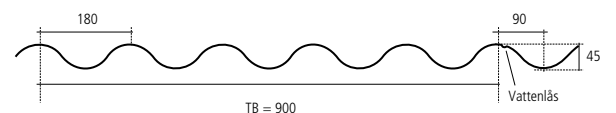
TP45 ROOF SHEET

Sheet thickness	0.50 - 0.65 mm
Weight	approx. 4.5 - 7.0 kg/m ²
Length	500 - 11,000 mm



SINUS 45 ROOF SHEET

Sheet thickness	0.60 - 0.65 mm
Weight	approx. 4.5 - 7.0 kg/m ²
Length	500 - 11,000 mm



SS EN14782
Dimensions according
to SS EN508-1



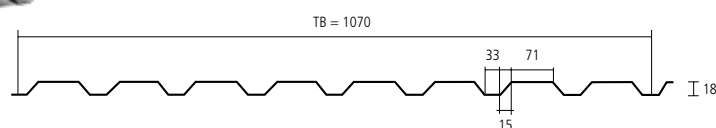
Scan the code for colours
as well as technical information and load tables.

04 PROFILED SHEET METAL



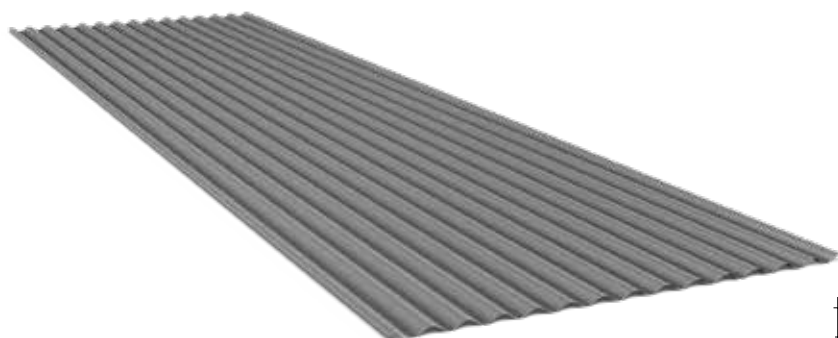
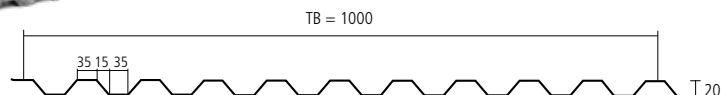
VP18 WALL SHEET

Sheet thickness	0.40 - 0.65 mm
Weight	approx. 4.5 - 7.0 kg/m ²
Length	500 - 11,000 mm



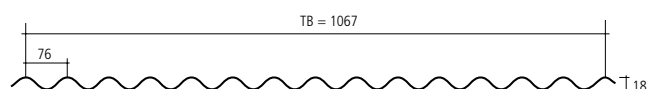
VP20 WALL SHEET

Sheet thickness	0.40 - 0.65 mm
Weight	approx. 4.5 - 7.0 kg/m ²
Length	500 - 11,000 mm



SINUS 18 WALL SHEET

Sheet thickness	0.50 - 0.65 mm
Weight	approx. 4.5 - 7.0 kg/m ²
Length	500 - 11,000 mm



SS EN14782
Dimensions according
to SS EN508-1



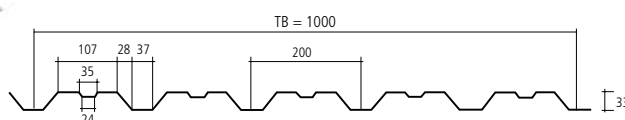
Scan the code for colours
as well as technical information and load tables.

04 PROFILED SHEET METAL



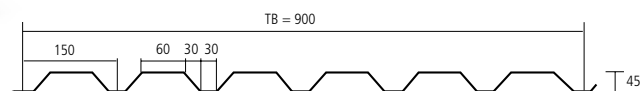
VP35 WALL SHEET

Sheet thickness	0.50 - 0.65 mm
Weight	approx. 4.5 - 7.0 kg/m ²
Length	500 - 11,000 mm
Options	Available with or without ribs



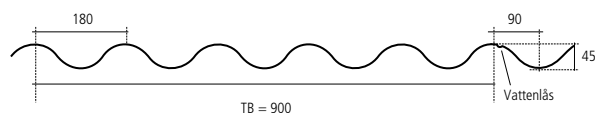
VP45 WALL SHEET

Sheet thickness	0.50 - 0.65 mm
Weight	approx. 4.5 - 7.0 kg/m ²
Length	500 - 11,000 mm



SINUS 45 WALL SHEET

Sheet thickness	0.60 - 0.65 mm
Weight	approx. 4.5 - 7.0 kg/m ²
Length	500 - 11,000 mm



SS EN14782
Dimensions according
to SS EN508-1



Scan the code for colours
as well as technical information and load tables.

05 ROOF DRAINAGE





Areco Roof Drainage Systems

When it comes to roof drainage, quality, durability and functionality are essential. We have combined our extensive experience in the construction industry with the latest technology to create a complete range of roof drainage products that not only perform to the highest standard but also blend aesthetically in with your roof.

Our roof drainage system is carefully designed to harmonise both visually and functionally with the rest of the roof. Every product we manufacture – from gutters to downpipes and all related fittings – is created to maintain the highest possible quality and performance. This means that customers can trust that our products effectively drain away rainwater, protect your house, and at the same time contribute to a sleek appearance that lasts for years.

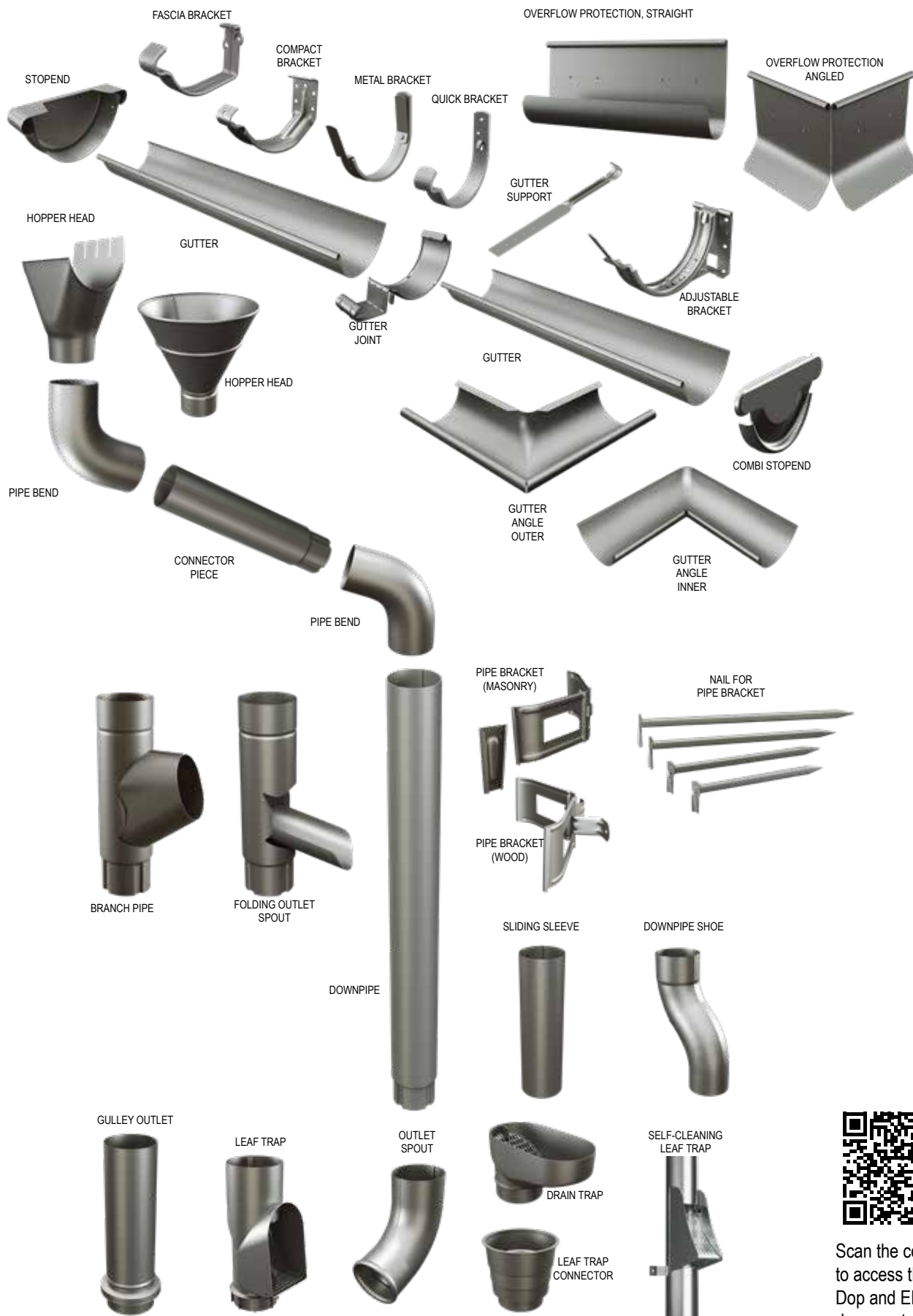
Thanks to many years of close collaboration with sheet metal workers and other industry players, Areco has developed a roof drainage system that is both easy to install and extremely durable. We have combined this knowledge with the latest technology at our state-of-the-art, fully automated production facility in Malmö. Here we use only the best tools and machinery from world-leading manufacturers, guaranteeing that our products always meet the strictest technical specifications and environmental requirements.

To ensure our customers always receive their products quickly and efficiently, we have built up an extensive warehouse facility adjacent to production. Here we store thousands of pallets of product, allowing us to quickly deliver what you need, when you need it.

Whatever size you need, we have the right solution for you. We offer gutters and downpipes in 125 and 150 mm sizes, as well as pipes in 75, 90, 100 and 110 mm sizes. In addition, we have all the fittings and accessories you need to ensure a perfect installation.

Choose Areco roof drainage for a secure, efficient and durable roof drainage system that makes a difference – year after year.

05 ROOF DRAINAGE



Scan the code to access the Dop and EPD documents.

05 ROOF DRAINAGE

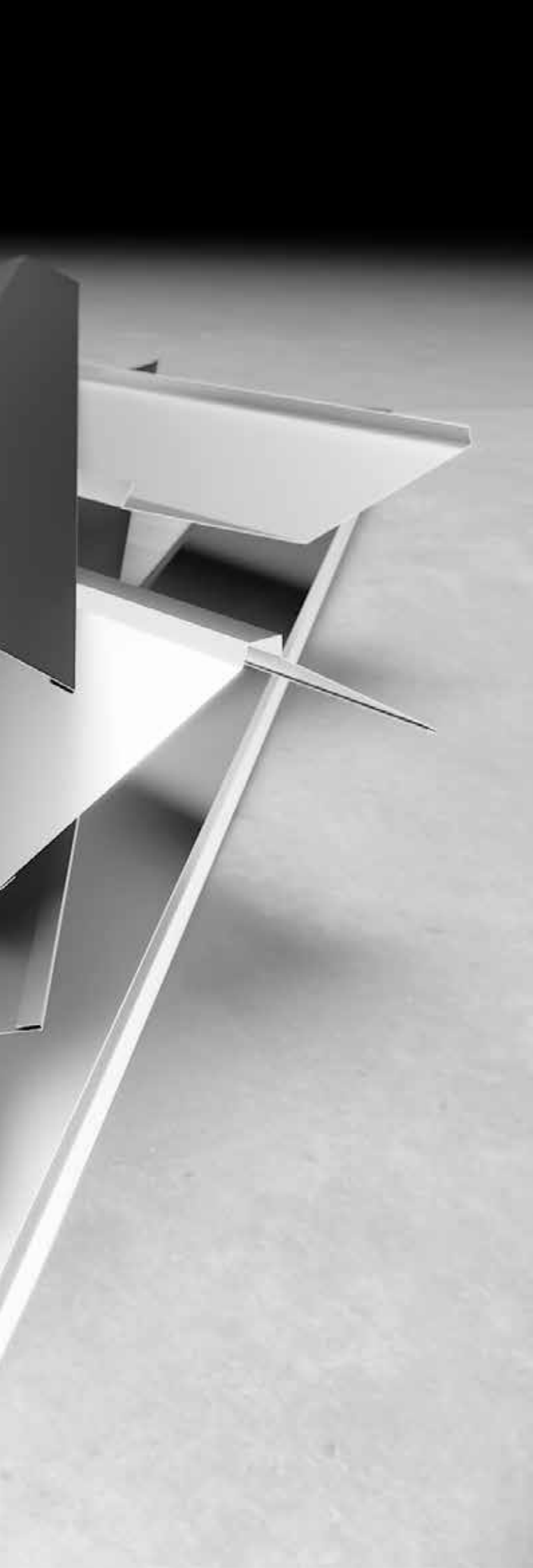
	Grey White AR9002
	Chocolate Brown AR8017
	Grey Brown AR8019
	Copper Brown AR8004
	Oxide Red AR3009
	White Aluminium AR9006
	Grey Aluminium AR9007
	Iron grey AR7011
	Anthracite Grey AR7016
	Jet black AR9005
	Alu-zinc AR185

Product	Unit	125	150
		pcs/pack.	pcs/pack.
Gutter 3, 4, 5, 6 m	m	3/5	3/5
Gutter joint	pcs	20	20
Gutter angle 90° inner/outer	pcs	10	10
Gutter angle 135° inner/outer	pcs	10	10
Combi stopend	pcs	40	-
Stopend	pcs	20	20
Metal bracket 70 mm	pcs	50	50
Metal bracket 160 mm	pcs	45	35
Metal bracket 210 mm	pcs	40	30
Compact bracket	pcs	50	50
Adjustable bracket	pcs	20	20
Quick bracket 145 mm	pcs	50	50
Quick bracket 195 mm	pcs	45	40
Quick bracket 315 mm	pcs	30	-
Gutter support	pcs	50	50
Overflow protection straight	pcs	10	10
Overflow protection angled	pcs	10	10

Product	Unit	75	90	100	110
		pcs/pack.	pcs/pack.	pcs/pack.	pcs/pack.
Downpipe 2.5, 3, 4, 5, 6	m	2	2	2	2
Pipe bend 70°, conical	pcs	30	20	20	15
Connector piece 1.0 m	pcs	15	10	10	8
Sliding sleeve	pcs	10	10	5	-
Hopper head	pcs	5	5	5	5
Hopper head 125	pcs	45	30	30	-
Hopper head 150	pcs	-	20	30	20
Branch pipe	pcs	10	5	5	10
Downpipe shoe 70°	pcs	15	15	15	15
Pipe bracket wood wall	pcs	40	40	40	20
Pipe bracket masonry wall	pcs	40	40	40	40
Masonry wall nail 150 mm	pcs	10	10	10	-
Masonry wall nail 175 mm	pcs	10	10	10	-
Outlet spout	pcs	30	20	20	10
Gulley outlet	pcs	5	5	5	12
Folding outlet spout	pcs	10	10	5	-
Leaf trap, plastic	pcs	10	10	10	-
Leaf trap, plastic	pcs	10	10	10	-
Leaf trap connector	pcs	10	10	10	-
Self-cleaning leaf trap Galvanised 1,940 mm with leaf grille	pcs	-	-	1	-

06 FLASHINGS & FITTINGS





Areco Flashings & Fittings - Perfect components for all building projects

When it comes to house building, it's the small details that make the big difference. At Areco, we understand the importance of offering high-quality flashings and fittings that are both functional and aesthetically appealing. We're proud to offer a broad range of standard fittings that blend perfectly into your construction project, with matching colours and dimensions that complement our wider product range.

Our range covers everything from the most basic needs to more specific requirements. Need a custom fitting for a unique project? No problem! We have the flexibility to manufacture bespoke fittings tailored to your exact specifications. We manufacture all fittings in standard lengths of 2 metres, but we are always ready to adapt to your needs should you require something different.

What truly sets us apart is our high level of expertise in sourcing and manufacturing. Thanks to our long experience and deep understanding of the industry, we can ensure that our products not only meet market demands for quality and durability, but we also always strive to remain competitively priced – meaning that our customers get excellent value for money without compromising on quality.

Let us become your trusted partner on your next construction project, whether it involves standard solutions or bespoke components. With us, you can be confident that every component is carefully selected and manufactured with precision to suit your project perfectly.

06 FLASHINGS & FITTINGS



1. ROUND RIDGE CAP

Ridge cap for Stratos/Cirrus (2000 mm)



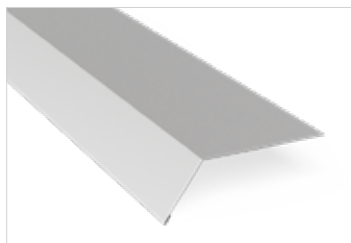
2. RIDGE FLASHING

Ridge cap for all TP profiles (190x190) (140x140)



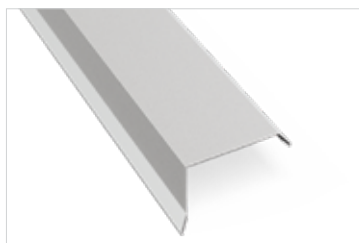
3. END CAP

For a neat finish to the round ridge cap



4. EAVES FLASHING

The flashing between roof and gutter (70x150)



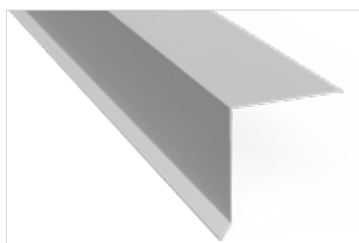
5. GABLE FLASHING, STRAIGHT

Flashing covering the edge between roof and gable (25x105) (25x140)



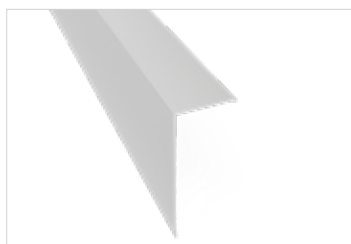
6. GABLE FLASHING, BENT

Flashing covering the edge between roof and gable (110x28x55x65)



7. BARGE BOARD FLASHING

Flashing covering the edge between roof and gable (120x140)



8. CORNER FLASHING

Fitting for external corners (140x140)



SS EN14782
Dimensions according
to SS EN508-1



Scan the code for colours
as well as technical information and certifications.

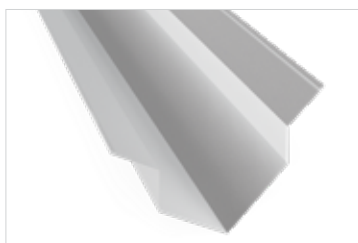
06 FLASHINGS & FITTINGS



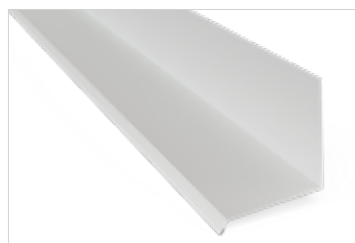
9. CORNER FLASHING
Fitting for internal
corners
(140x140)



10. VALLEY FLASHING, STRAIGHT
The flashing between
different roof slopes
(230x230)



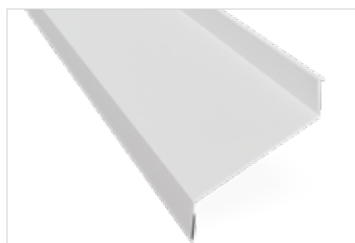
11. VALLEY FLASHING, BENT
The flashing between
different roof slopes
(152x152)



12. APRON FLASHING
Flashing from wall to
roof (lower roof or
dormer)
(170x150)



13. HEAD FLASHING (WINDOW)
Flashing installed
above the window
(60, 80, 100, 120)



14. SILL FLASHING (WINDOW)
Flashing installed
below the window
(60, 80, 100, 120)



15. PLINTH FLASHING
Flashing between wall
and plinth
(80x30)



16. VENTILATED RIDGE
For ridge
ventilation



SS EN14782
Dimensions according
to SS EN508-1



Scan the code for colours
as well as technical information and certifications.

07 ACCESSORIES | CONSTRUCTION SHEET METAL

ROOF SAFETY

A safe roof is a secure roof. Our complete roof safety system is designed to prevent accidents and protect both you and your roofing materials. We offer a wide range of roof safety solutions, including roof ladders, catwalks and anti-slip protection, suited to all types of roofs. If you need to add ridge railings or snow guards, we have everything you need to ensure a safe working environment on the roof.

CONDENSATION MESH

Prevent condensation and protect your uninsulated roof with our effective condensation mesh. It is made of durable HD polyethylene mesh and laminated with LD polyethylene on one side, which also acts as fall-through protection when a vapour barrier is not necessary. With a length of 50 metres and a width of 2,730 mm, it provides excellent protection for your construction projects.



A comprehensive range of accessories for your projects

We offer a broad range of accessories for our products – carefully selected to ensure your projects are durable, efficient and safe. Whatever your needs, we have the right solution.

FIXINGS

Our high-quality screws are made from hardened steel and electro-galvanised with an impressive 20-micron zinc layer to provide the best possible corrosion protection. For even more stringent requirements, we offer stainless steel alternatives. Coated screws have a robust 30-micron powder coat layer, giving an extra-durable and aesthetically pleasing finish. All screws are supplied with aluminium washers and gaskets made of vulcanised EPDM rubber, ensuring tight and secure installation. The practical hexagonal design (8 mm) makes them easy to use.

Sealing strip

Our sealing tape ensures optimal sealing between the roof and ridge or eaves. We offer tape perfectly suited to all our roof profiles, giving you a complete solution for a weatherproof roof.

ARCOND

Arcond is a well-proven felt product applied to the sheet before profiling. It effectively binds moisture and prevents condensation, a common challenge on uninsulated roofs. Arcond has been used with great success across Europe, and we are proud to offer this reliable solution to our customers.

Light transmission panels

Let light flow into your building with our light transmission panels, available for all our TP profiles. Available in lengths from 2.5 to 4.5 metres, they can easily be adapted to your needs.

Sandwich panel accessories

In addition, we also offer specific accessories for our sandwich panels, which you can see on the following pages.

TOUCH-UP PAINT & PINS

To ensure your roof looks perfect even after minor damage, we offer touch-up paint and pins in all consumer colours. These products allow you to quickly and easily repair any damage and restore the roof's aesthetic and protective functions.



07 ACCESSORIES | SANDWICH PANELS

We offer a broad range of fixing and sealing products specifically designed for the installation of sandwich panels. These products ensure a strong, weather-resistant and long-lasting structure.

Our range of accessories for sandwich panels guarantees a stable, energy-efficient building solution, optimised for both industrial and commercial projects.

FIXING AND INSTALLATION

- **Sandwich panel screws** – Self-tapping screws designed for mounting sandwich panels of various thicknesses.
- **Insulation screws** – Effective screws for fixing through insulated materials and panels.
- **Fixing screws & metal nail plugs** – Ideal for securely attaching fittings and structural components.
- **Sealed blind rivets & dome washers** – Reinforced fasteners for sheet and panel mounting.



SEALING AND INSULATION

- **Sealing strip & tape** – Prevents air and moisture ingress at panel joints.
- **Sealants & expanding foam** – Flexible, durable sealing solutions that improve insulation performance.
- **Mineral wool strip** – Fire- and sound-insulating material for sealing joints between panels.

TOOLS AND CLEANING

- **Foam guns** – Professional tools for the smooth and precise application of expanding foam.
- **Cleaning products** – Effective solutions for maintaining tools and application equipment.



08 CERTIFICATION & WARRANTY

CE-marked quality products

We offer products of the highest quality, manufactured from raw materials sourced from certified, leading steelworks. All Areco products meet the strict requirements of the market and are CE-marked, guaranteeing that they are manufactured in accordance with the EU Construction Products Directive with regard to health, safety, function and the environment.

Sustainable construction using recycled steel

By offering products that are assessed in the Swedish Building Materials Assessment (Byggvarubedömningen), SundaHus and Basta schemes, and by working with EPDs (Environmental Product Declarations) for our products, we help our customers build sustainably and reduce their climate impact. Steel, our primary material, can be recycled an unlimited number of times without losing quality, making it a central material in circular construction.



Environmental declarations



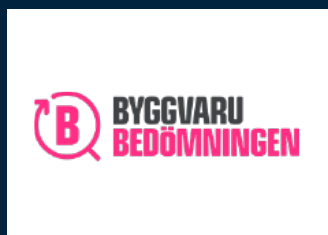
Building product declarations



Declarations of performance



Warranties



Read more by scanning the QR code.

Construction sheet metal product markings

Markings and certifications for construction sheet metal products are essential for ensuring quality, durability and environmental friendliness in construction projects. These markings serve different purposes and have areas of focus that help both manufacturers and customers make informed choices.

Construction sheet metal products can carry a range of different certifications reflecting the product's environmental performance, health impact and sustainability. Areco, as a leading player in the construction sheet metal industry, works with some of the most respected certification bodies on the market.

09 DOCUMENTATION



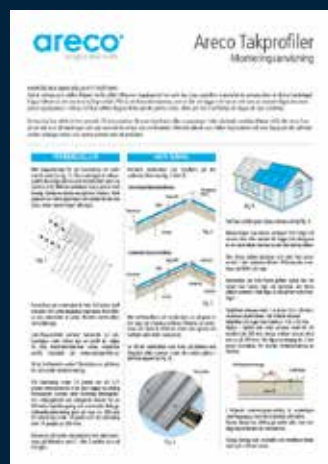
Load tables



Maintenance & inspection



Data sheets



Installation instructions

STANDARD COLOURS



Scan the code to view our colour range for sandwich panels.



Scan the code to view our colour range for profiled products.

For more detailed information, visit www.areco.se
Rev. 20260701

areco