

# POLMETAL PRUSZYNSKI

Quality Management System  
PN EN ISO 9001:2015-10

## Product Catalog 2023

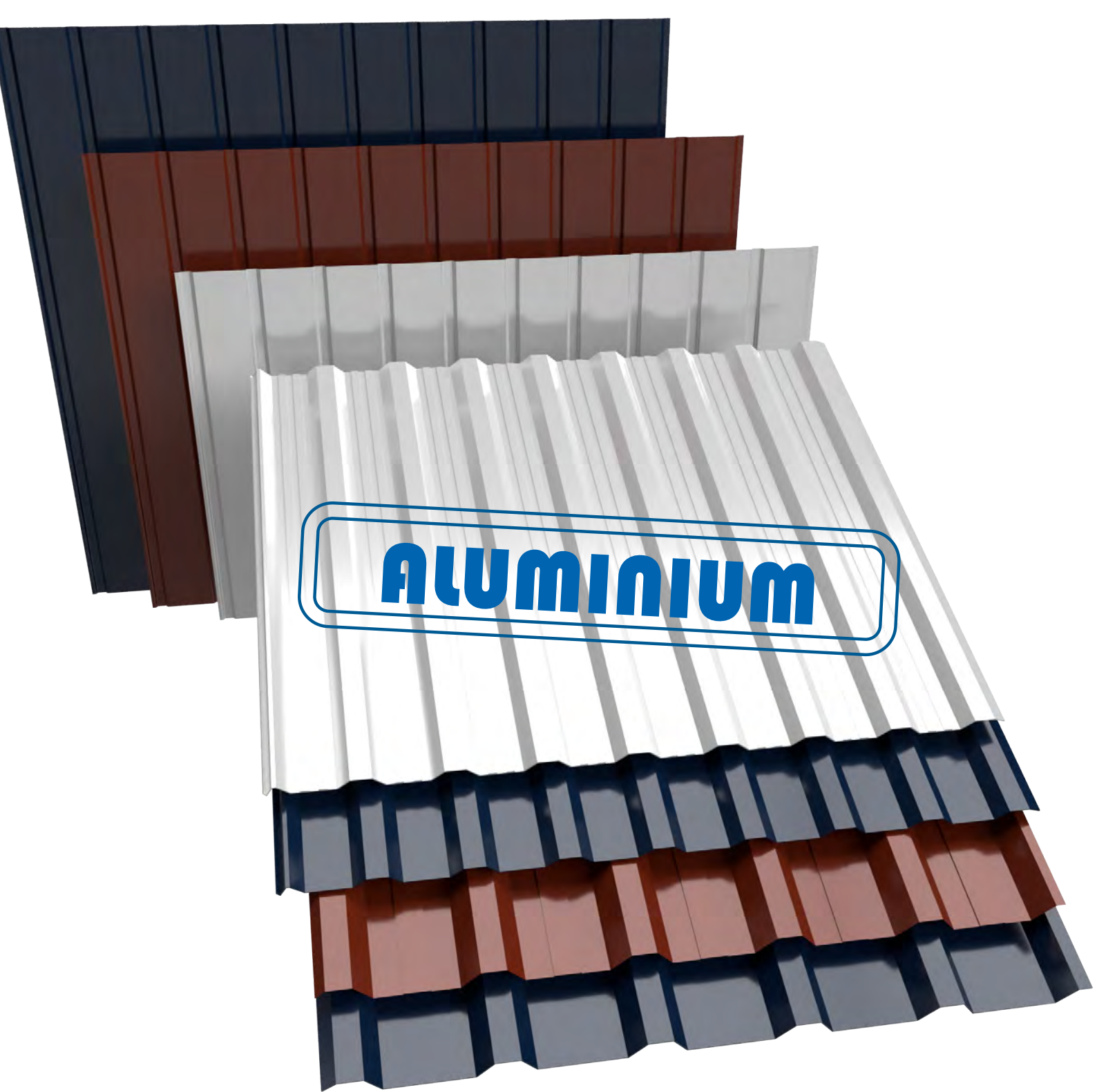
PRIMARY MATERIAL, FROM WHICH OUR PRODUCTS ARE MADE OF,  
COMES FROM RENOWNED SUPPLIERS SUCH AS:



voestalpine

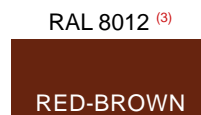
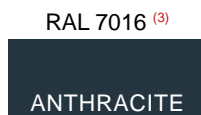


Approval for zinc extraction Z-10.49-861



- Trapezoidal profiles T7M, T18DR, T20M, T35DR, T35M available now with:
- -Aluminium core 0.7 mm natural
- -Aluminium core 0,7 mm + Standard Polyester 25µm RAL 7016, 8012

Natural aluminium core!   Aluminium core + Standard Polyester 25 µm!



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**Stettin**



**POLMET  
PRUSZY**

**15**

**Branches in Poland**

**7**

**Foreign branches**

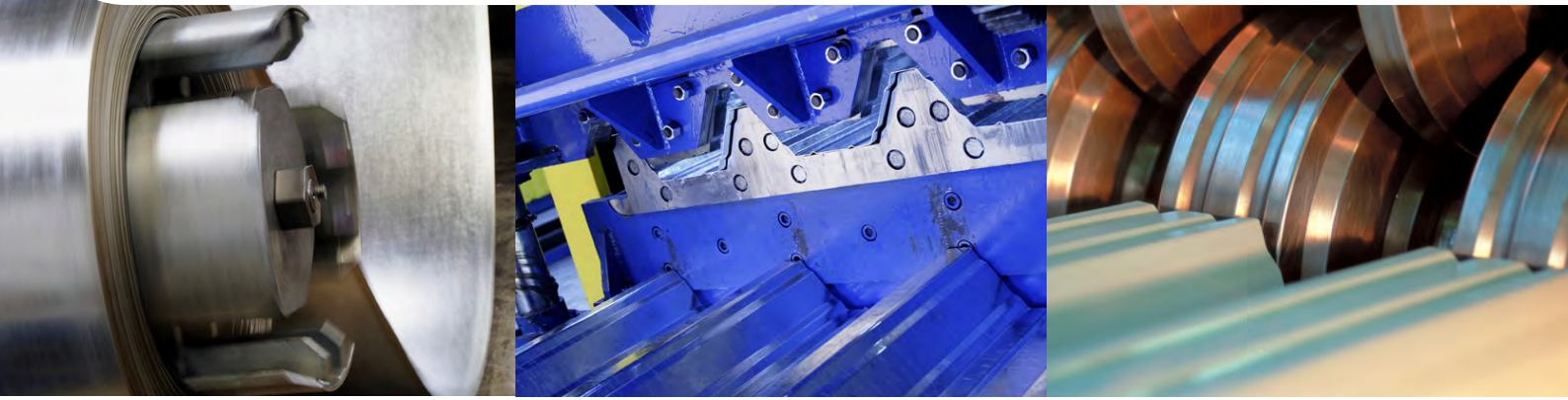


**TAL**  
**YNSKI**

**1500**  
Employees

**40 ha**  
Warsaw Headquarters

# About us



## Pruszynski - The steel specialist

For more than 30 years, the name Pruszynski has been known in the building materials industry. This family-run company founded in 1985, has developed over the years into one of the European leaders in the field of profiled steel sheets. We supply our high-quality steel products in a total of 8 European countries. Our broad portfolio enables us to offer a wide range of solutions for every structural project. Our sales representatives are on hand to advise customers on every project with technical and commercial expertise. Our production, equipped with modern machinery, guarantees careful manufacturing, as well as our high-performance logistics, enabling flawless delivery of the products in the shortest possible time. We are a flexible, all-round company that fulfils your and your customers' individual wishes without exception.

The assortment of the Pruszynski Group includes:

- The production of building materials for roof and wall coverings starting with the simplest sheet metal, through roof tile profiles, standing seam panels, wall panels to trapezoidal profiles made of steel. All products are available in a variety of colours and coatings;
- Complementary range: accessories, standardised and non-standardised flashings, metal gutter systems;
- Material for the production and wall covering, including cold-rolled profiles, wall coffers, and wall panels;
- In a Punto Pruszynski assortment: aluminium panels, grid ceilings, and Drywall Framing Profiles;
- In the Metkol Pruszynski assortment: products made of non-ferrous metals;
- Aluminium profiles from Extral;

## Our service

Our products are manufactured and can be produced upon individual requests. This ensures flexibility that guarantees the customer an efficient, optimal, and fast execution of the structural project. We do not limit ourselves exclusively to the delivery of the ordered building materials. Our competent team advises on optimal individual solutions and helps choosing the right products. In addition to standard ranges, we also manufacture special elements that ensure aesthetics and functionality.

## Quality guarantee

Our steady growth, which has resulted in Europe-wide activity in the field of steel roof and wall coverings, guarantees products of the highest quality standards, which have been awarded many certificates and quality certificates. Production facilities are subject to the strictest controls and are monitored externally. The headquarters in Szczecin and Warsaw are subject to external monitoring by a renowned German certification body. Our products are manufactured according to the required standards EN 1090-1, EN 14782, and EN 14509 and bear the CE mark. Trapezoidal profiles are type-tested according to EN 1993. This results in uncompromisingly high quality and guarantees periods of up to 30 years.

## Central factory in Sokołów

Pruszynski's central plant manufactures products using the modern technological lines. The production lines are numerically controlled and guarantee precise manufacturing.

The machinery is in possession of more than 100 modern machines from renowned machine producers, such as: STAM, AMADA, TRUMPF, SCHROEDER, BIEGEMASTER, THALMANN and includes:

- More than 20 production lines for the production of roofing tile profiles, standing seam profiles, round ridges, and sheet metal;
- Over 30 production lines for trapezoidal profiles, wall coffers, coffers and sandwich panels with PUR, PIR and mineral wool cores;
- Production lines for the manufacture of a complete gutter system in 8 sizes;
- Cutting, splitting and slitting equipment for steel and steel coils, as well as presses and edging benches;

Our internal plant logistics has at its disposal modern industrial trucks: front-loading and side-loading forklifts. These enable short-term and precise loading, but also clamping of the pre-material into the production lines. All production lines and machines are controlled by highly qualified production employees. This gives our production efficiency and performance that enables us to respond to market needs at short notice.

Your Polmetal GmbH Team.



# Certificates and guarantees



**Versuchsanstalt für Stahl, Holz und Steine**  
(Amtliche Materialprüfungsanstalt)  
Kaiserlicher Institut für Technologie (KIT)  
Kaiserstraße 12, 76131 Karlsruhe

**Bescheinigung der Konformität der werkseigenen Produktionskontrolle**

**0769 – CPR – VAS-00735-1**

Gemäß der Verordnung (EU) Nr. 305/2011 des Europäischen Parlaments und des Rates vom 9. März 2011 (Bauproduktenverordnung - CPR), gilt diese Bescheinigung für das Bauprodukt

**Vorgefertigte tragende Bauteile und Bausätze aus Stahl**

Kategorie: Bausysteme nach EN 1090-2  
EXC 2, Deckenkonstruktionen nach EN 1090-1, ZA 1.2

hergestellt durch  
**Pruszyński-Nowicki sp. z o.o.**  
Młocin 21, 73-100 Kąkolno, Polen

Diese Bescheinigung bestätigt, dass alle Bestimmungen über die Bewertung und Überprüfung der Leistungsbefähigkeit, beschrieben im Anhang ZA der Norm

**EN 1090-1:2009 + A1:2011**

unter System 2\*, angewendet werden und

**die werkseigene Produktionskontrolle alle darin vorgeschriebenen Anforderungen erfüllt.**

Diese Bescheinigung wurde erstmals am 27.03.2010 ausgestellt und bleibt gültig, solange weder die harmonisierte Norm, das Bauprodukt, die AVCP-Methoden noch die Herstellungsbedingungen in dem Werk wesentlich verändert wurden, außer wenn sie von der nationalen Zertifizierungsstelle für die werkseigene Produktionskontrolle ausgesetzt oder zurückgezogen wird, spätestens jedoch bis 28.03.2024.

Karlsruhe, 27.03.2018

Leiter der Zertifizierungsstelle  
Univ.-Prof. Dr.-Ing. T. Ummenhofer



**Versuchsanstalt für Stahl, Holz und Steine**  
(Amtliche Materialprüfungsanstalt)  
Kaiserlicher Institut für Technologie (KIT)  
Kaiserstraße 12, 76131 Karlsruhe

**Zertifikat der Konformität der werkseigenen Produktionskontrolle**

**0769 – CPR – VAS-00491-1**

Gemäß der Verordnung (EU) Nr. 305/2011 des Europäischen Parlaments und des Rates vom 9. März 2011 (Bauproduktenverordnung - CPR), gilt dieses Zertifikat für das Bauprodukt

**Vorgefertigte tragende Bauteile und Bausätze aus Stahl**

Kategorie: baufertige Profile nach EN 1090-2  
EXC 3, Deckenkonstruktionen nach EN 1090-1, ZA 1.2

hergestellt durch  
**Pruszyński Sp. z o.o.**  
Sokolowska 30B, 05-806 Komorów, Polen

Dieses Zertifikat bescheinigt, dass alle Vorschriften über die Bewertung und Überprüfung der Leistungsbefähigkeit, beschrieben im Anhang ZA der harmonisierten Norm

**EN 1090-1:2009 + A1:2011**

entsprechend System 2\* angewendet werden und dass

**die werkseigene Produktionskontrolle alle darin vorgeschriebenen Anforderungen erfüllt.**

Dieses Zertifikat wurde erstmals am 11. Februar 2010 ausgestellt und bleibt gültig, solange sich die in der harmonisierten Norm genannten Prüfverfahren und/oder Anforderungen der werkseigenen Produktionskontrolle zur Bewertung der Leistung der erklärten Merkmale nicht ändern und das Produkt und die Herstellungsbedingungen im Werk nicht wesentlich geändert werden, spätestens jedoch bis 10. Februar 2023.

Karlsruhe, 11. Februar 2010

Leiter der Zertifizierungsstelle  
Univ.-Prof. Dr.-Ing. T. Ummenhofer



**Allgemeine bauaufsichtliche Zulassung / Allgemeine Bauargenemigung**

**Z-10.49-861**

Nummer: Z-10.49-861

Antragsteller:  
**Pruszyński Sp. z o.o.**  
ul. Sokolowska 30B  
05-806 KOMORÓW  
POLEN

Gefährdungsart:  
5. Oktober 2021  
5. Oktober 2026

Gegenstand dieses Bescheides:  
Sandwichelemente "PMD" und "PWS" nach DIN EN 14509 mit einer Polyurethan-Kernschicht zwischen zwei Stahlblechschichten, für Wand- und Dachkonstruktionen

Der oben genannte Regelungsgegenstand wird hiermit allgemein bauaufsichtlich zugelassen und genehmigt.  
Dieser Bescheid umfasst acht Seiten und fünf Anlagen, bestehend aus 13 Seiten.

DIBt | Kolonnenstraße 20 | D-10629 Berlin | Tel.: +49 30 74730-0 | Fax: +49 30 74730-220 | E-Mail: dibt@di-ble.de | www.dibt.de



**Recycling-Zertifikat 2022**  
Transportverpackungen und gewerblich anfallende Verkaufsverpackungen

Postmetal GmbH  
12623 Berlin

Ist Kunde der INTERSEROH Dienstleistungs GmbH mit Vertrag Nr. 217929.

Mit diesem Zertifikat bestätigen wir, dass

- angemeldete Transportverpackungen und gewerblich anfallende Verkaufsverpackungen bei den Kunden des Unternehmens von Interseroh-Partnern erfasst,
- erfassete Transportverpackungen und gewerblich anfallende Verkaufsverpackungen stofflich verwertet sind
- alle Anforderungen des Verpackungsgesetzes erfüllt werden.


Köln, Januar 2022

ppa. Andreas Schelle

ppa. Ronald Bornée

Qualität und Nachhaltigkeit – wir machen aus gebrauchten Verpackungen Rohstoffe.  
Vertrauen Sie auf die Interseroh Dienstleistungs- und Servicequalität, die auf zertifizierten Managementsystemen für Qualität, Umweltschutz, Arbeitssicherheit und Gesundheitsschutz sowie der Zertifizierung als Entsorgungsfachbetrieb basiert.

ALBA Group



**GARANTIEZERTIFIKAT**

Die Firma POLMETAL (Hersteller) gewährt die folgende Garantie(n) auf Stahlprodukte:

Es wird eine **Garantie für 30 Jahre** gewährt auf Produkte mit Anwendung als Außen- und Inneneindeckung im Bereich Dach und Wand in den Beschichtungen

**PURLAK®**      **PURMAT®**

Es wird eine **Garantie für 10 Jahre** gewährt auf Produkte mit Anwendung als Außen- und Inneneindeckung im Bereich Dach und Wand in den Beschichtungen

**STANDARDPOLYESTER 25µm**      **POLYESTER MATT-GROBKÖRNIIG + TOPMAT 35µm**

Korrosionsbeständigkeitsklasse nach EN1090	AUßERENBEREICH								
	RC2	RC3	RC4	RC5	RC6	RC7	RC8	RC9	
Kleine Belastung					3-20km	11-3km	300m/10km	Hohe UV Belastung	Sonderbelastung
Mittlere Belastung									
Hohe Belastung									
Sehr hohe Belastung									
Standardpolyester PS 25µm	10 Jahre	10 Jahre	-	-	10 Jahre	-	-	-	-
Matt-Grobkörnig PMG, TOPMAT 35µm	10 Jahre	10 Jahre	F	F	10 Jahre	-	-	10 Jahre	-
PURLAK® POL 50µm	30 Jahre	20 Jahre	15 Jahre	F	20 Jahre	10 Jahre	-	10 Jahre	-
PURMAT® PUM 50µm	a	30 Jahre	20 Jahre	F	30 Jahre	20 Jahre	15 Jahre	F	15 Jahre

Keine Garantie  
F Fragebogen zur Umwelt und Produktleistung beim Hersteller für Nahrungsmittel ab 3000 MW - Garantie auf Anfrage

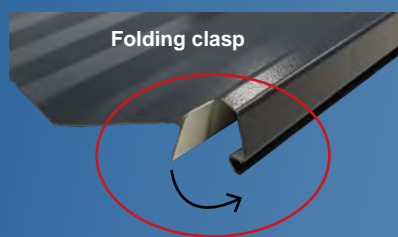
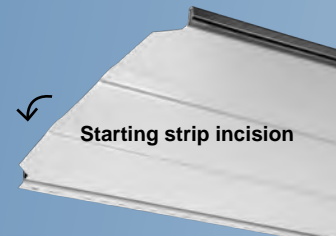
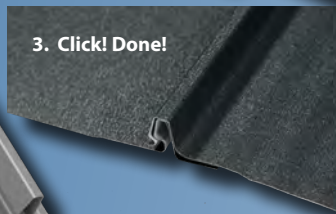
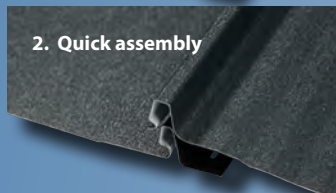
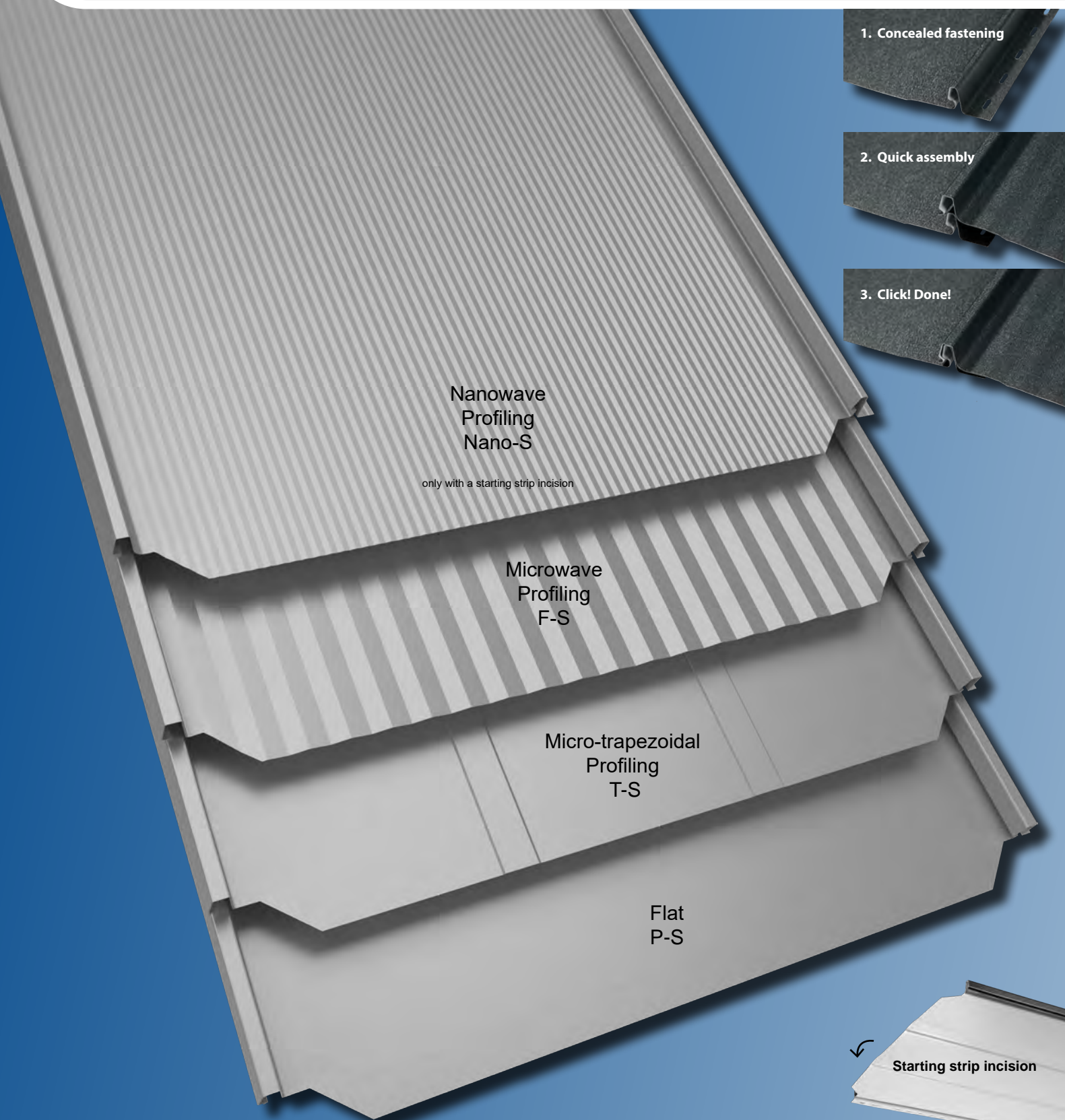
The following guarantees apply to our products:

30 years - for products in PURLAK® 50µm and PURMAT® 50µm coatings;

10 years - for products in the Standard Polyester 25µm and Polyester Matt Coarse 35µm coatings;

15 years - for NIAGARA metal gutter system - Polyurethane;

10 years - for AURA skylights;







## Standing seam



ROOF PANEL



Microwave Profiling F-N

Micro-trapezoidal Profiling T-N

Flat P-N

\*anti-condensation coating  
\*sound absorption

Straight cut

„N”

Nanowave Profiling Nano-S

only with a starting strip incision

„S”

Starting strip incision

Ridge strip 500 / 2000 mm

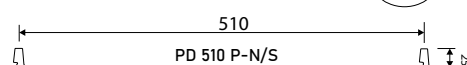
Folding clasp

### Technical specification

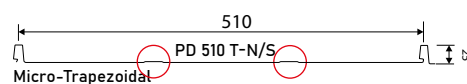
Profile	PD 510
Profile height	25 mm
Sheet thickness	0.50 mm   0.70 mm
Weight	4.7 kg/m <sup>2</sup>   7.1 kg/m <sup>2</sup>
Effective width	510 mm
Panel length (min)	500 mm
Panel length (max)	10000 mm except flat - 7000 mm
Profiling 510 mm	Flat, Micro, Nano, Trapezoidal
Roof slope (min)	8°

optional for PD 510 P (flat) - ANTI-CONDENSATION + sound absorption  
+ screws, profile fillers, sealing flanges, flashings, strips, touch-up paints, Aura skylights, Niagara gutter systems

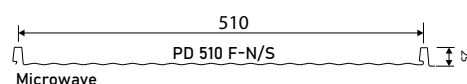
Click!



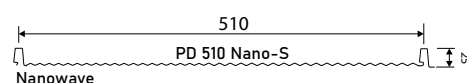
Flat



Micro-Trapezoidal



Microwave



Nanowave



# SZAFIR

TILE PROFILE

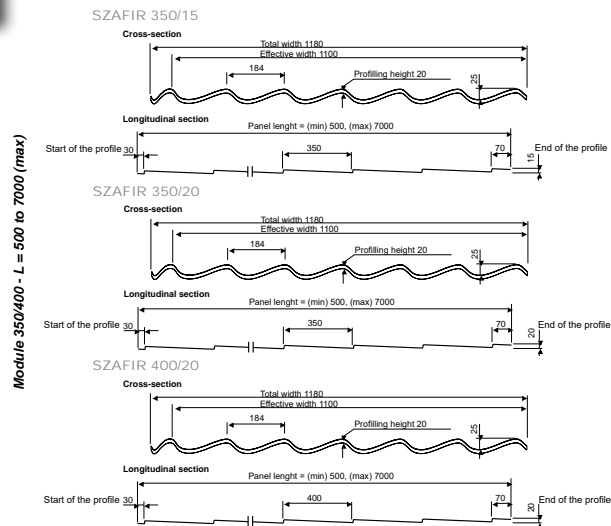


### Technical specification

Profile height	25 mm
Fold height	15 mm / 20 mm
Module length	350 mm / 400 mm
Sheet thickness	0.5 mm
Weight	4.7 kg/m <sup>2</sup>
Effective width	1100 mm
Total width	1180 mm
Panel length (min)	500 mm
Panel length (max)	7000 mm
Roof slope (min)	9°

+ skylight panels, screws, profile fillers, sealing flanges, flashings, touch-up paints, Aura skylights, Niagara gutter systems

Optional: :ANTI-CONDENSATION



Panel lengths for full modules: <https://www.polmetal.de/>



# BEAVER TAIL

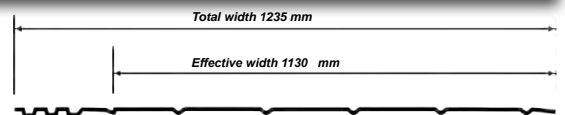
## TILE PROFILE



### Technical specification

Profile height	15 mm
Fold height	15 mm
Module length	290 mm
Sheet thickness	0.5 mm
Weight	5 kg/m <sup>2</sup>
Effective width	1235 mm
Total width	1130 mm
Panel length (min)	580 mm
Panel length (max)	3960 mm
Roof slope (min)	30°

+ screws, sealing flanges, flashings, touch-up paints, Aura skylights, Niagara gutter systems



### Lengths available

Module	Length
2	0,58 m
3	0,87 m
3 with extended panel start	1,06 m
4	1,35 m
5	1,64 m
6	1,93 m
7	2,22 m
8	2,51 m
9	2,80 m
10	3,09 m
11	3,38 m
12	3,67 m
13	3,96 m



# OPTIMA

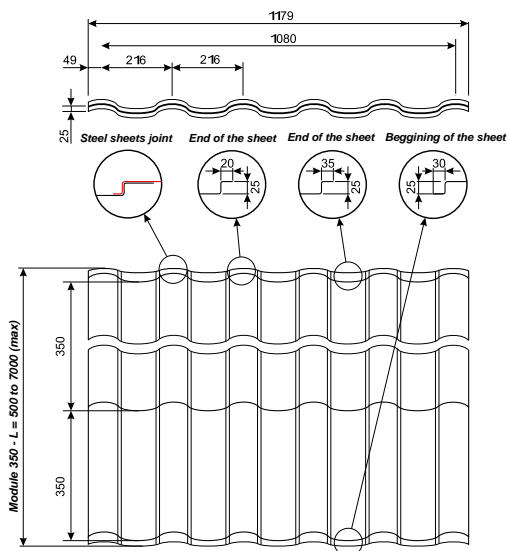
TILE PROFILE



## Technical specification

Profile height	35 mm
Fold height	25 mm
Module length	350 mm
Sheet thickness	0.5 mm
Weight	4.7 kg/m <sup>2</sup>
Effective width	1080 mm
Total width	1179 mm
Panel length (min)	500 mm
Panel length (max)	7000 mm
Roof slope (min)	9°

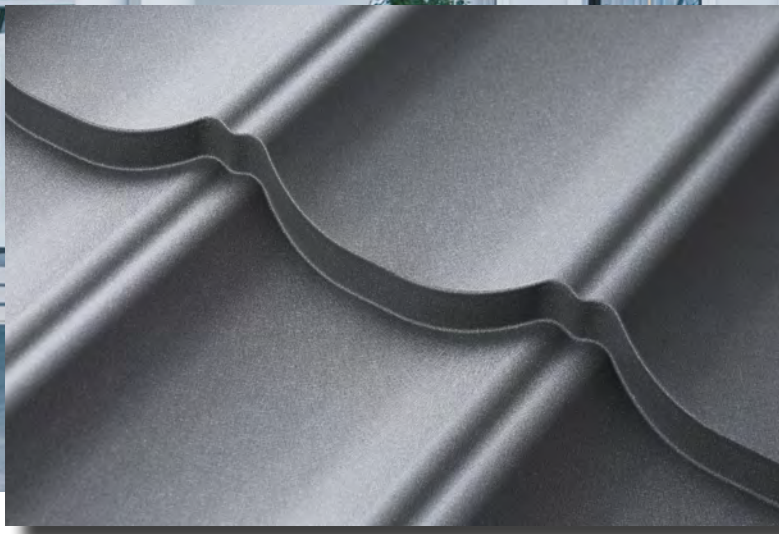
+ screws, profile fillers, sealing flanges, flashings, touch-up paints, Aura skylights, Niagara gutter systems



Panel lengths for full modules: <https://www.polmetal.de/>

# GRYF

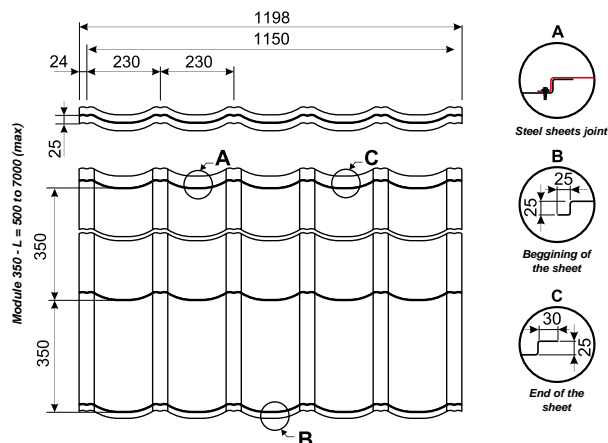
TILE PROFILE



### Technical specification

Profile height	25 mm
Fold height	25mm
Module length	350 mm
Sheet thickness	0.5 mm
Weight	4.7 kg/m <sup>2</sup>
Effective width	1150 mm
Total width	1197 mm
Panel length (min)	500 mm
Panel length (max)	7000 mm
Roof slope (min)	9°

+ screws, profile fillers, sealing flanges, flashings, touch-up paints, Aura skylights, Niagara gutter systems

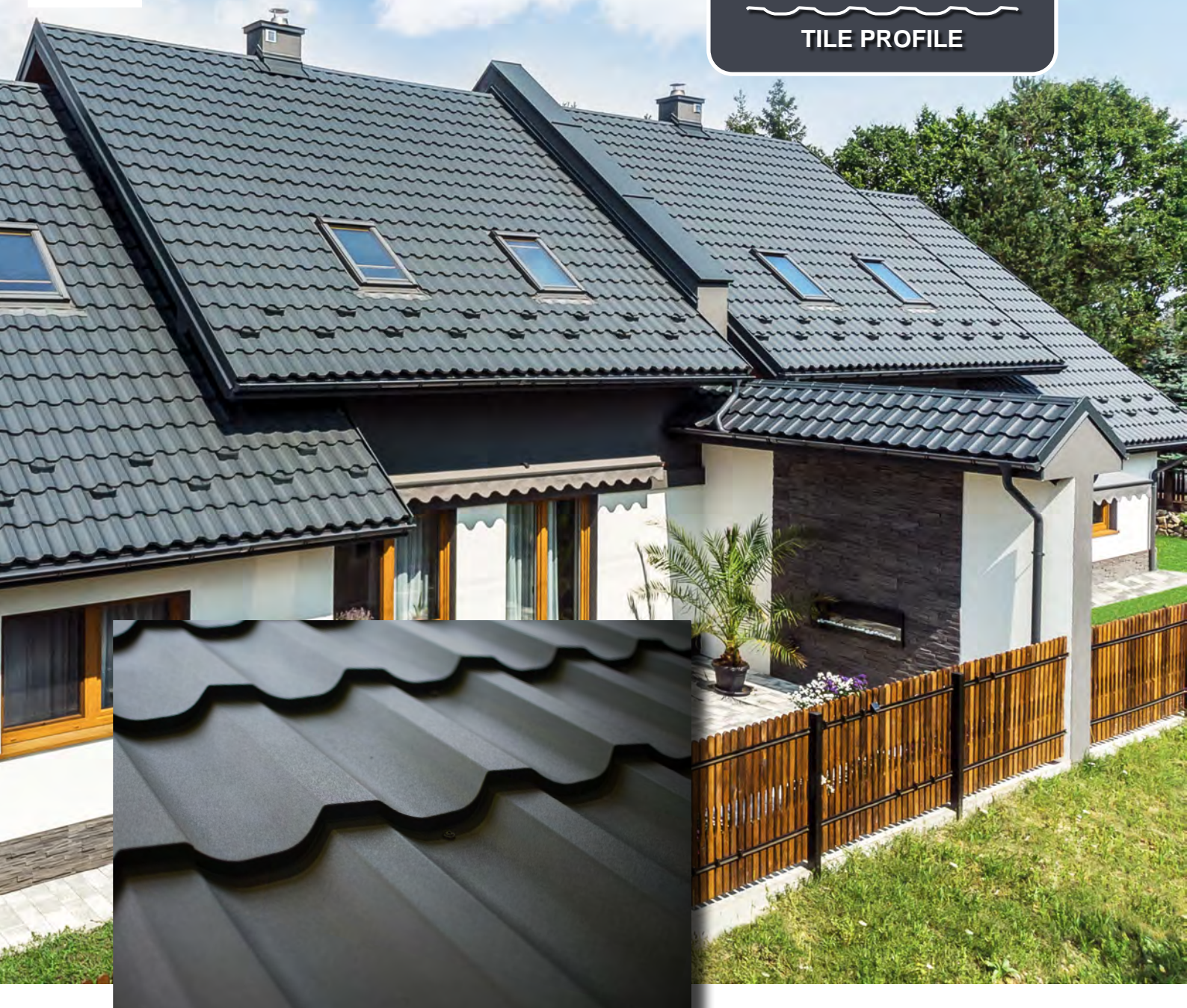


Panel lengths for full modules: <https://www.polmetal.de/>



# REN

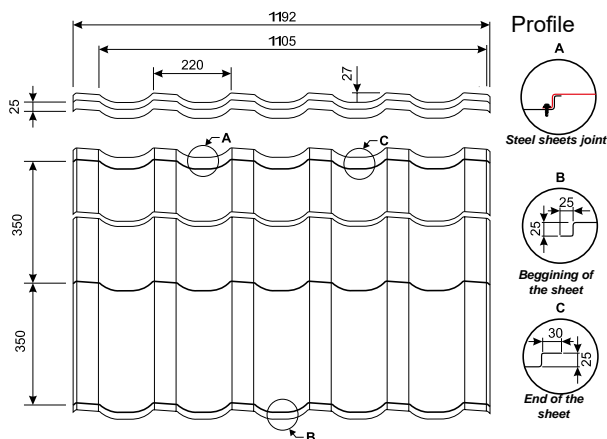
TILE PROFILE



### Technical specification

	Profile
Profile height	27 mm
Fold height	25 mm
Module length	350 mm
Sheet thickness	0.5 mm
Weight	4.7 kg/m <sup>2</sup>
Effective width	1105 mm
Total width	1192 mm
Panel length (min)	500 mm
Panel length (max)	7000 mm
Roof slope (min)	9°

+ screws, profile fillers, sealing flanges, flashings, touch-up paints, Aura skylights, Niagara gutter systems



Panel lengths for full modules: <https://www.polmetal.de/>

# REN

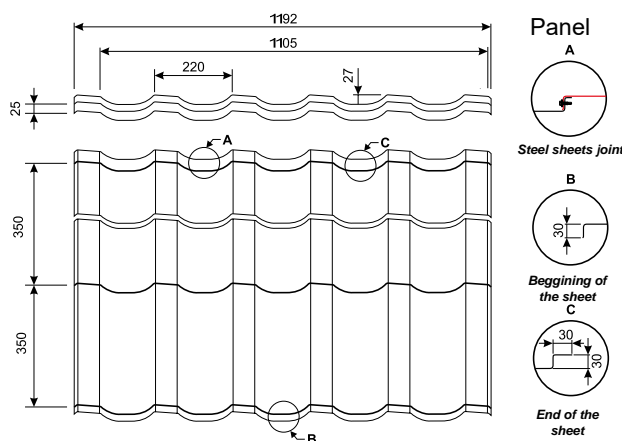
PANEL - TILE PROFILE



### Technical specification

	Panel
Profile height	27 mm
Fold height	30 mm
Module length	350 mm
Sheet thickness	0.5 mm
Weight	4.7 kg/m <sup>2</sup>
Effective width	1105 mm
Total width	1192 mm
Panel length (min)	Single panel
Panel length (max)	Double panel
Roof slope (min)	9°

+ screws, profile fillers, sealing flanges, flashings, touch-up paints, Aura skylights, Niagara gutter systems



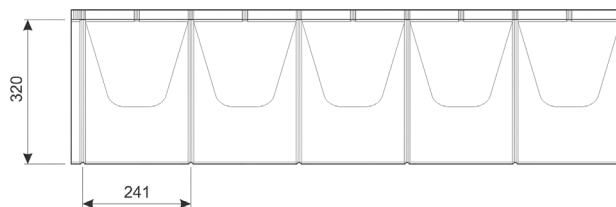
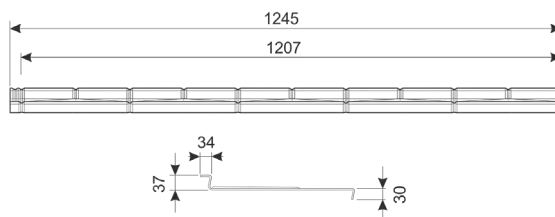


PURMAT® **30** Years Guarantee

**Technical specification**

Profile height	3 mm
Fold height	30 mm
Module length	320 mm
Sheet thickness	0.5 mm
Weight	4.7 kg/m <sup>2</sup>
Effective width	1207 mm
Total width	1245 mm
Roof slope (min)	9°
Panel length	Single panel

+ screws, profile fillers, sealing flanges, flashings, touch-up paints, Aura skylights, Niagara gutter systems





# IRYD+

PANEL - TILE PROFILE

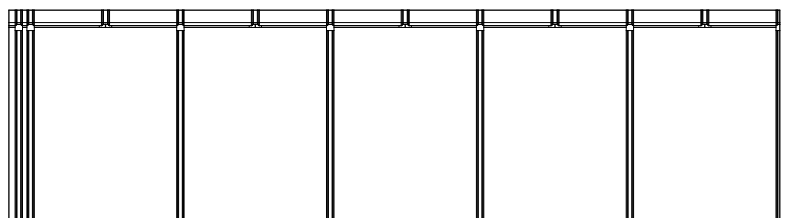
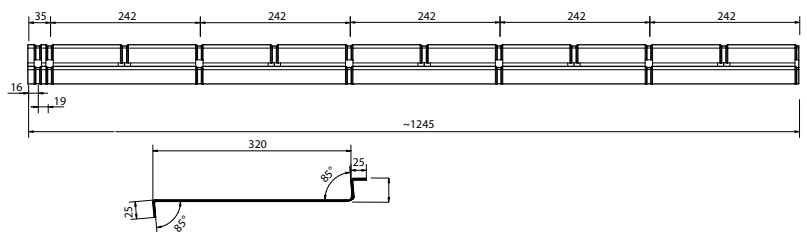


PURMAT® **30** Years Guarantee

### Technical specification

Profile height	3 mm
Fold height	28 mm
Module length	320 mm
Sheet thickness	0.5 mm
Weight	4.7 kg/m <sup>2</sup>
Effective width	1210 mm
Total width	1245 mm
Roof slope (min)	15°
Panel length	Single panel

+ screws, profile fillers, sealing flanges, flashings, touch-up paints, Aura skylights, Niagara gutter systems





# REGLE

PANEL - TILE PROFILE



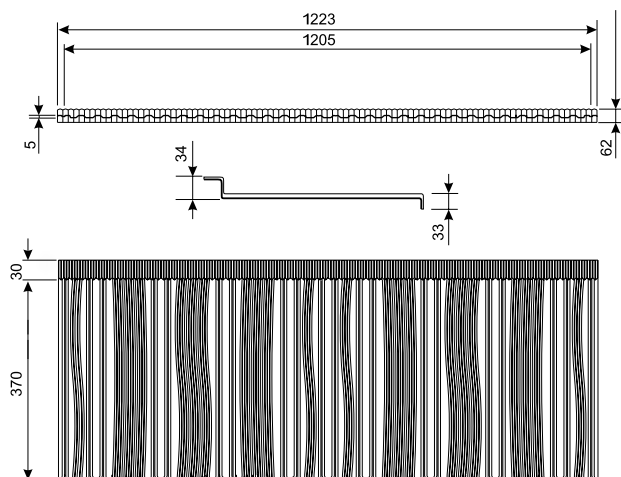
**30** Years Guarantee

PURLAK® PURMAT®

**Technical specification**

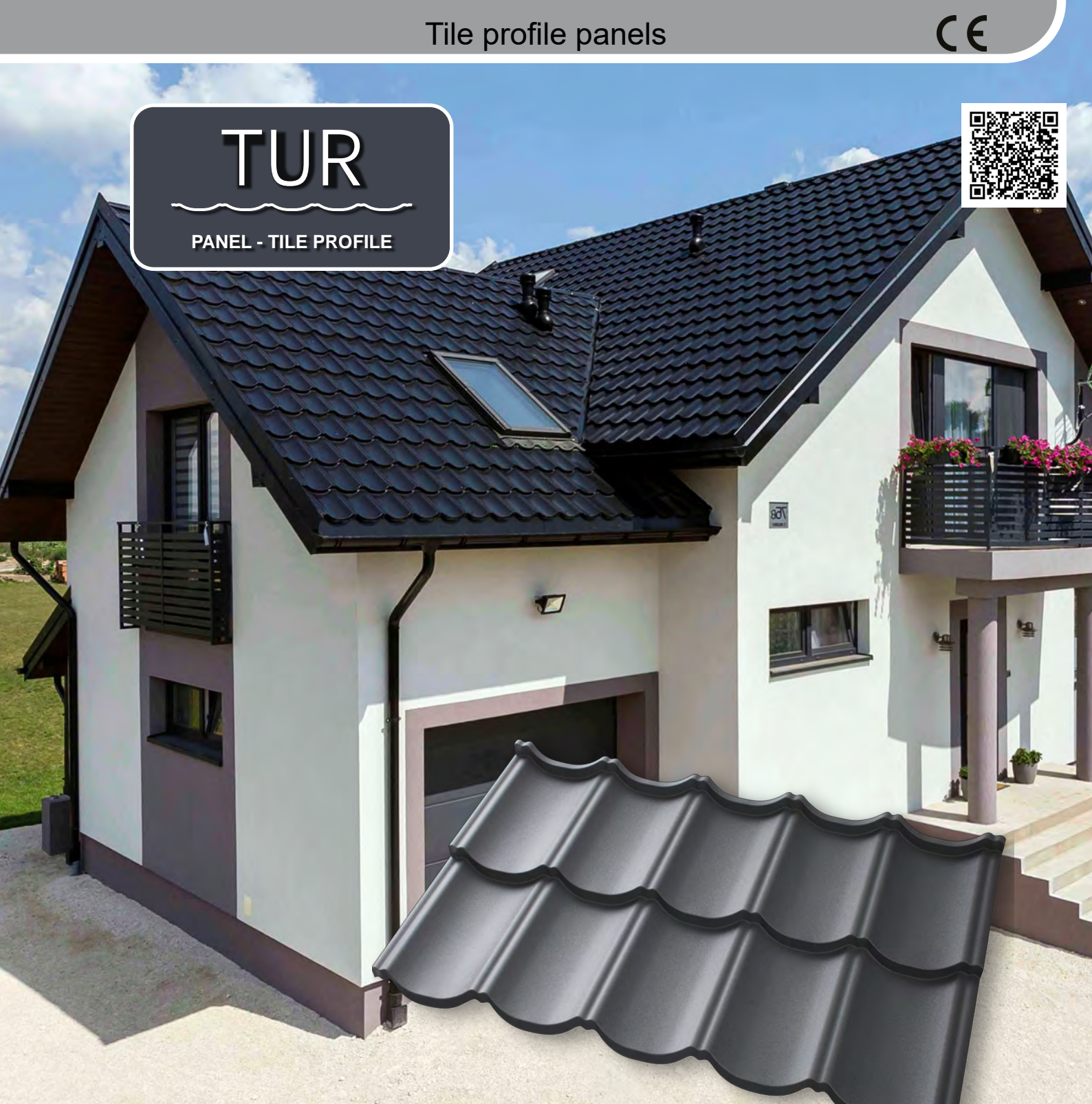
Profile height	5 mm
Fold height	30 mm
Module length	370 mm
Sheet thickness	0.5 mm
Weight	4.7 kg/m <sup>2</sup>
Effective width	1205 mm
Total width	1223 mm
Roof slope (min)	15°
Panel length	Single panel

+ nails and pneumatic nailers for roof panels, universal sealing flanges, flashings, ridge rails 2000 mm, touch-up paints, Aura skylights, Niagara gutter systems



# TUR

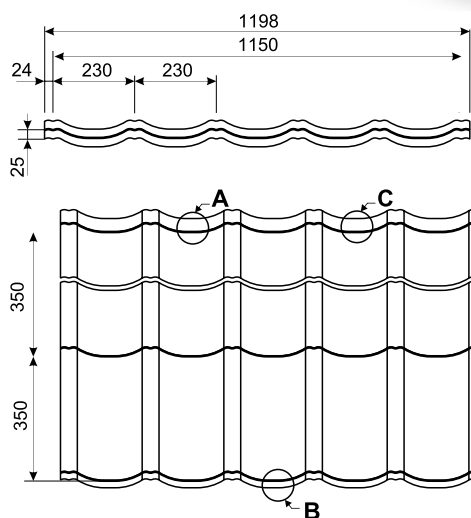
PANEL - TILE PROFILE



### Technical specification

Profile height	25 mm
Fold height	30 mm
Module length	350 mm
Sheet thickness	0.5 mm
Weight	4.7 kg/m <sup>2</sup>
Effective width	1150 mm
Total width	1198 mm
Roof slope (min)	9°
Panel length	Single panel / Double panel

+ screws, profile fillers, sealing flanges, flashings, touch-up paints, Aura skylights, Niagara gutter systems



Panel A



Steel sheets joint



Beginning of the sheet C



End of the sheet



# MODUS

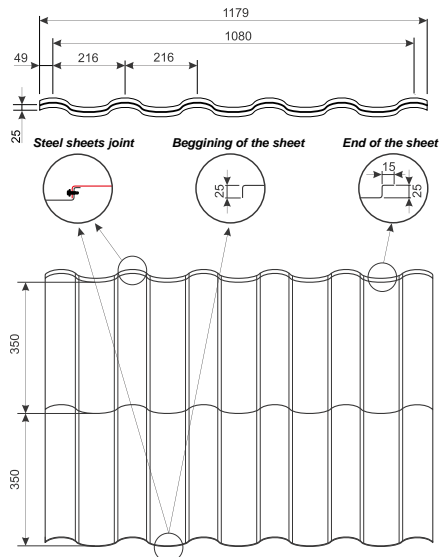
PANEL - TILE PROFILE



### Technical specification

Profile height	34 mm
Fold height	25 mm
Module length	350 mm
Sheet thickness	0.5 mm
Weight	4.7 kg/m <sup>2</sup>
Effective width	1080 mm
Total width	1179 mm
Roof slope (min)	9°
Panel length	Single panel / Double panel

+ screws, profile fillers, sealing flanges, flashings, touch-up paints, Aura skylights, Niagara gutter systems



# KARO

ROOF PANEL

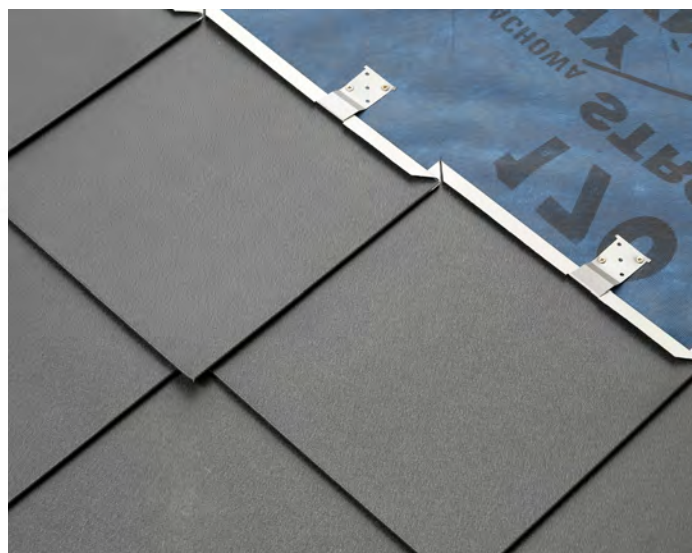


### Technical Specification

Dimension of panels	555 mm   345 mm   245 mm
Total width	785 mm   488 mm   346 mm
Coating	Polyester Matt Coarse, PURMAT
Roof slope	(min) 22°



Fastening



+ screws, profile fillers, sealing flanges, flashings, touch-up paints, Aura skylights, Niagara gutter systems

# Flashings + roofing accesories

CE

SEALING COLLAR TO METAL CHIMNEY



SANITARY VENTILATION



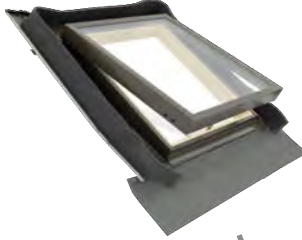
BOX GUTTER (low)



CHIMNEY SWEEP BENCH



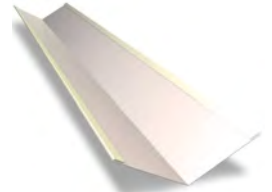
ROOF HATCH



VENTILATION CHIMNEY



BOX GUTTER



UPPER WALL SIDE FLASHING



CHIMNEY DOWN FLASHING



SNOW GUARD



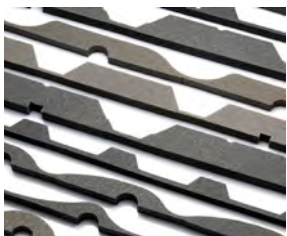
SNOW GUARD SET



SNOW BARRIER



SEALS



SKYLIGHT PANEL



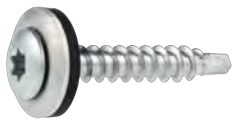
ROOF VENT



SCREWS



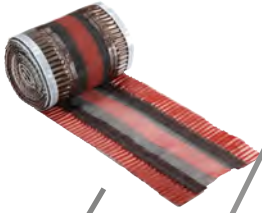
TORX SCREWS



OMEGA RIDGE



RIDGE TAPE



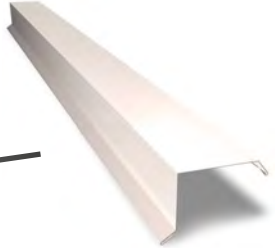
ROUND RIDGE



STRAIGHT RIDGE



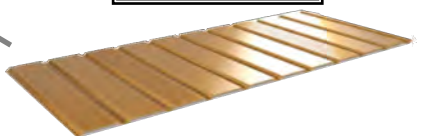
BARGE FLASHING



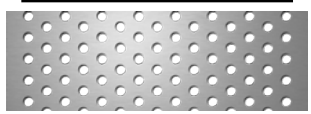
COVERING SIDE BARGE



SOFFIT



VENTILATION STRIP



ROOF MEMBRANE



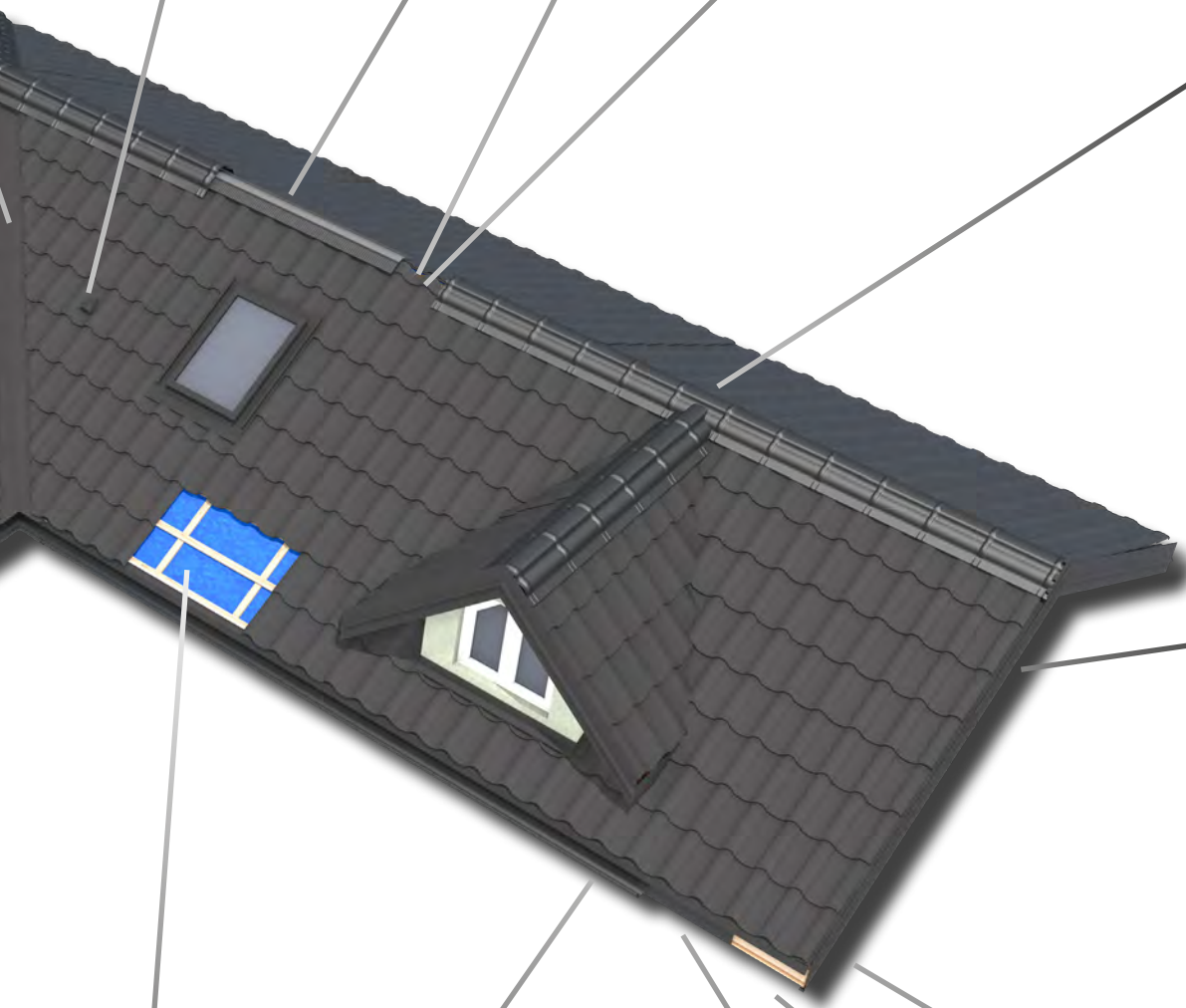
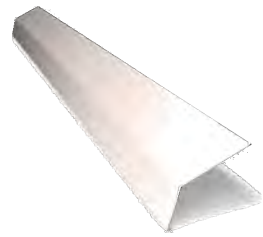
WALL SIDE FLASHING



LOWER GUTTER FLASHING



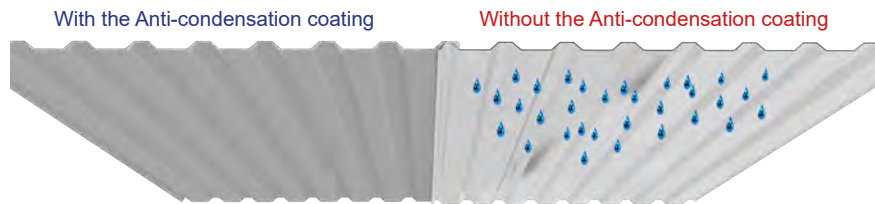
UPPER GUTTER FLASHING



## Anti-condensation coating

An anti-condensation coating is a self-adhesive fleece that prevents condensation from dripping. The anti-condensation coating is glued to the underside of trapezoidal profiles and is mainly used in unheated objects (e.g. halls, warehouses).

Air humidity that condenses on the surface of the profiles penetrates the anti-condensation coating and prevents the formation of drops. As the temperature rises, the water absorbed by the fleece evaporates and the anti-condensation coating dries again



### How does the anti-condensation coating work?



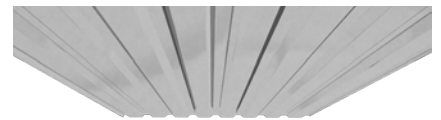
In the evening

When the outside temperature drops, condensation water often forms.



At night

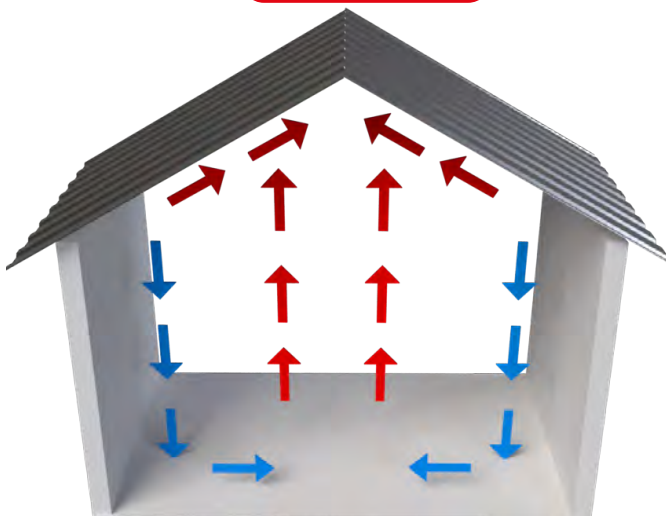
The trapezoidal profile becomes cooler than the interior of the building. Contact of the warm air of the interior with the cold roof profiles leads to condensation if the temperature falls below the dew point. The anti-condensation coating protects the roof, the condensation water is absorbed, and dripping is prevented.



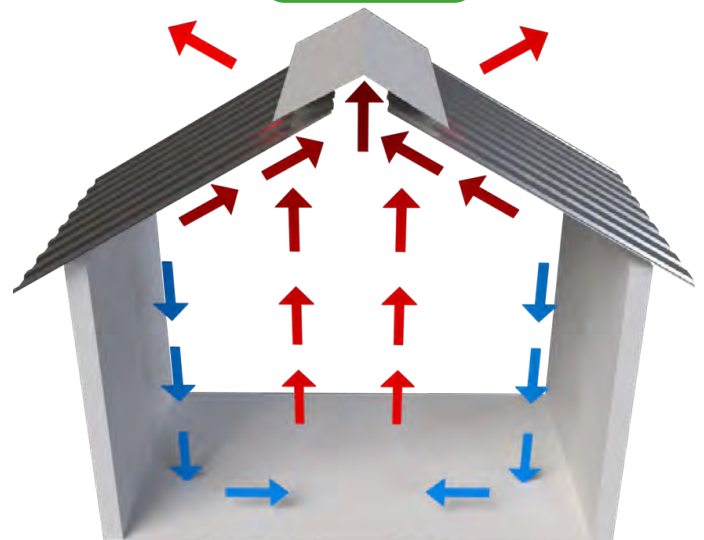
In the morning

The air temperature rises again. The condensation evaporates and the anti-condensation coating dries.

**INCORRECT!**



**CORRECT!**



Good ventilation is very important for the proper functioning of the anti-condensation coating. Appropriate ventilation gaps at the ridge and eaves should be taken into account when designing the building project.



## Preventing the capillary rise

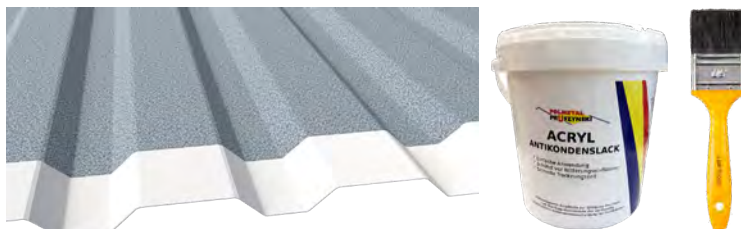
The anti-condensation coating should not come into contact with rainwater or condensation. Under the eaves and ridge, the coating should be treated to prevent the soaking effect.

Melting or painting the fleece coating is a simple and effective method to prevent capillary ascension.

### Manual methods:

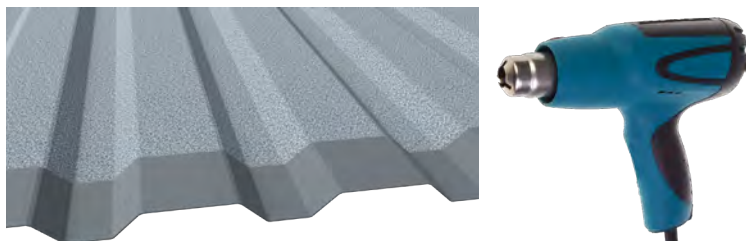
#### 1. Painting

With this method, the end of the trapezoidal profile (approx. 10 cm) is painted with a special lacquer. After painting, the sheet should rest for approx. 10 minutes so that the paint dries.



#### 2. Melting:

A heat gun or gas burner is used for this method. The end of the trapezoidal profile (approx. 15 cm) is treated and the fibres are fused. Treating for too long can damage the protective layers of the profiles.



Depending on the order, the anti-condensation coating of the T18DR, T20M, T35M, and T35DR profiles can be mechanically hardened on both ends over a length of 15 cm.



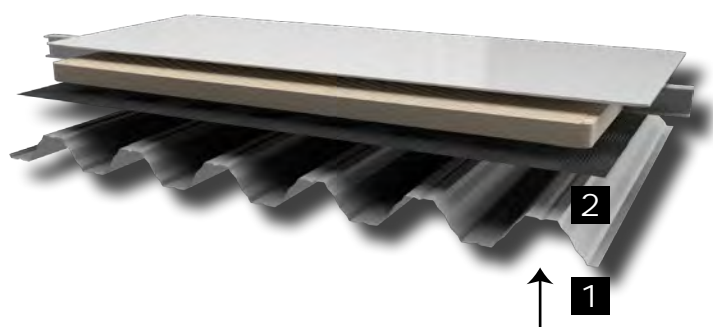
### Advantages of the anti-condensation coating:

- Preventing condensation water dripping
- Additional sound insulation

## Layer for HIGH PROFILES (supporting shells)

### WARM ROOF - Positive layer

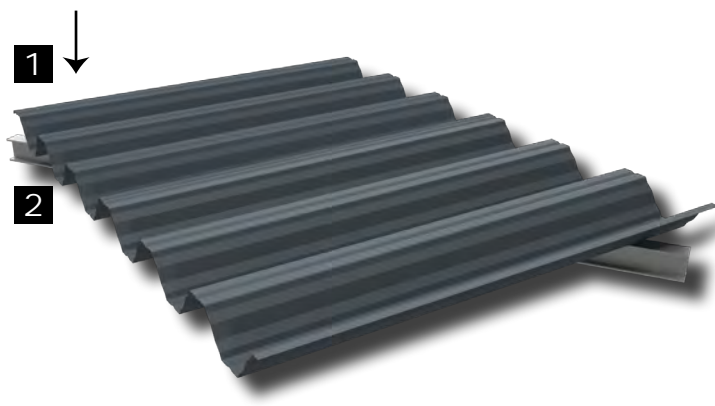
#### Trapezoidal profile as supporting shell



Coating e.g. polyester 15µm

### COLD ROOF - Negative layer

#### Trapezoidal profile as external covering



Coating, e.g. standard polyester 25µm



ROOF

T 18DR

T 20M

TP 26

T 35M

T 35DR

T 35/207M

T 40

T 45/333M

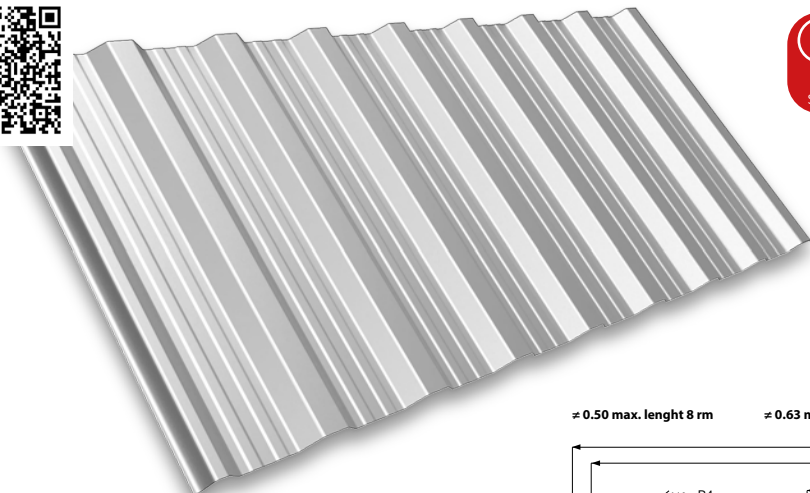
T 45P

T 50P

T 55P

T 60P

## T 18DR Roof

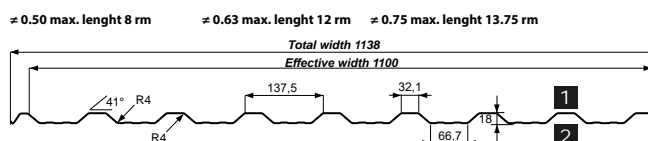


<b>Colour palette</b>	Product's colour card
<b>Application width</b>	1250 mm
<b>Effective width</b>	1100 mm
<b>Steel sheet thickness</b>	0.50 mm   0.63 mm   0.75 mm
<b>Aluminium sheet thickness <i>new</i></b>	0.70 mm
<b>Accessories</b>	Screws, seals, anti-condensation coating, skylight panels, flashings, touch-up paints, sealing tapes
<b>Material</b>	S280GD + Z275 gem. EN 10169
<b>EU Standard</b>	EN 14782 + EN 1090-2

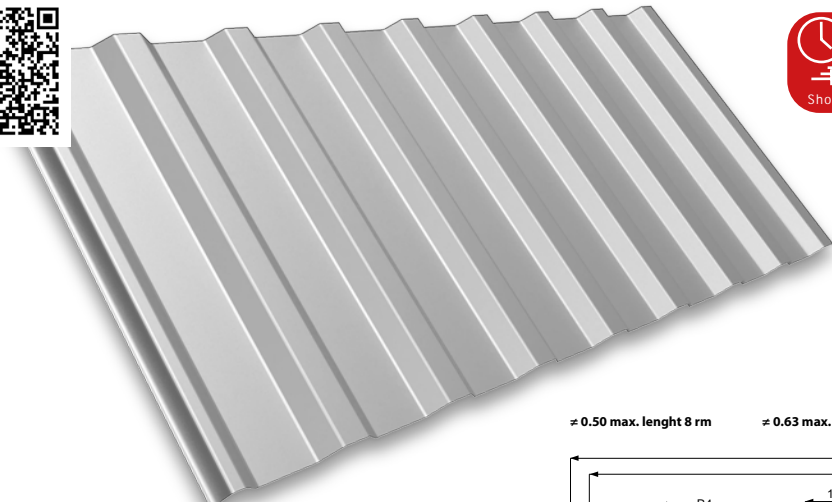
### COATINGS:

- Standard polyester 25µm
- Polyester Matt Coarse 35µm
- PURLAK® 50 µm
- PURMAT® 50µm
- Aluzinc 185 g/m<sup>2</sup>
- Alu Nature

Scorching the anti-condensation coating at the ends (15 cm) optional.



## T 20M Roof

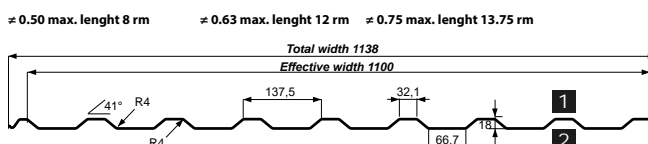


<b>Colour palette</b>	Product's colour card
<b>Application width</b>	1250 mm
<b>Effective width</b>	1100 mm
<b>Steel sheet thickness</b>	0.50 mm   0.63 mm   0.75 mm
<b>Aluminium sheet thickness <i>new</i></b>	0.70 mm
<b>Accessories</b>	Screws, seals, anti-condensation coating, skylight panels, flashings, touch-up paints, sealing tapes
<b>Material</b>	S280GD + Z275 gem. EN 10169
<b>EU Standard</b>	EN 14782 + EN 1090-2

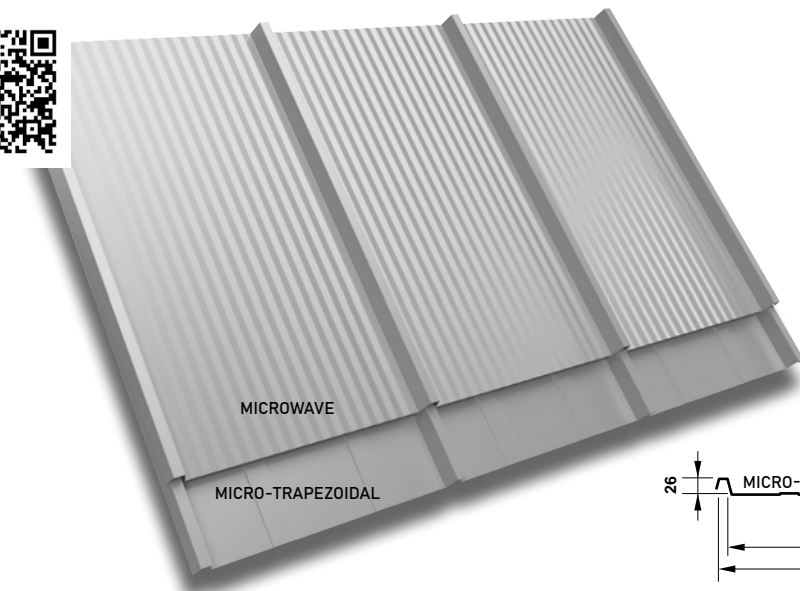
### COATINGS:

- Standard polyester 25µm
- Polyester Matt Coarse 35µm
- PURLAK® 50 µm
- PURMAT® 50µm
- Aluzinc 185 g/m<sup>2</sup>
- Alu Nature

Scorching the anti-condensation coating at the ends (15 cm) optional.



## TP 26 Roof

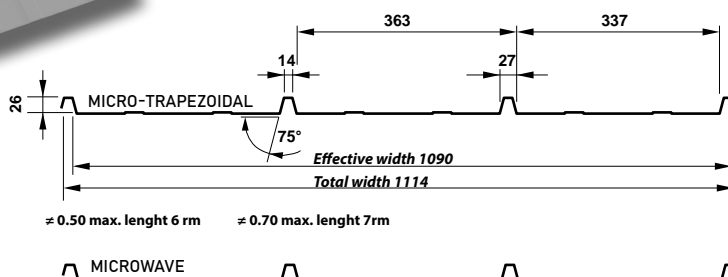


<b>Colour palette</b>	Product's colour card
<b>Application width</b>	1250 mm
<b>Effective width</b>	1090 mm
<b>Steel sheet thickness</b>	0.50 mm   0.70 mm
<b>Accessories</b>	Screws, seals, anti-condensation coating, skylight panels, flashings, touch-up paints, sealing tapes
<b>Material</b>	S280GD + Z275 gem. EN 10169
<b>EU Standard</b>	EN 14782 + EN 1090-2

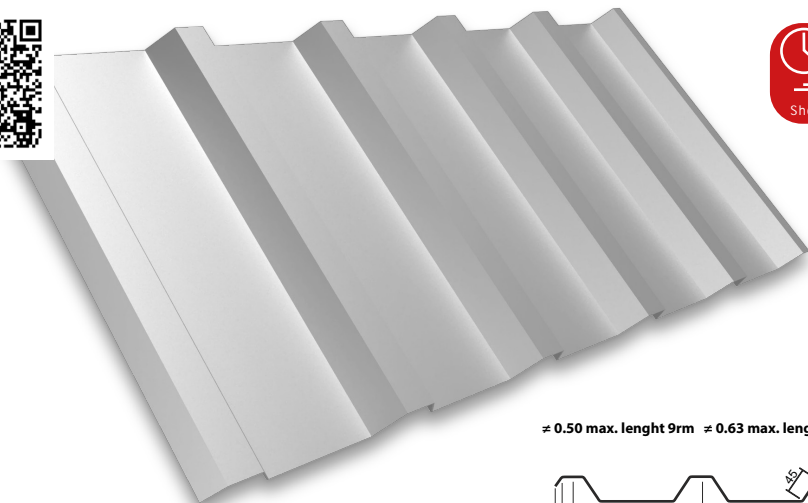
### COATINGS:

- Standard polyester 25µm
- Polyester Matt Coarse 35µm
- PURLAK® 50 µm
- PURMAT® 50µm
- Aluzinc 185 g/m<sup>2</sup>
- Zinc 275 g/m<sup>2</sup>

optional - anti-condensation coating  
+ sound absorption



## T 35M Roof

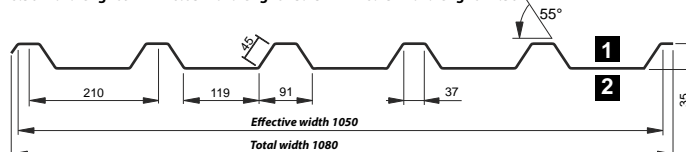


Colour palette	Producent's colour card
Application width	1250 mm
Effective width	1050 mm
Steel sheet thickness	0.50 mm   0.63 mm   0.75 mm
Aluminium sheet thickness <i>new</i>	0.70 mm
Accessories	Screws, seals, anti-condensation coating, skylight panels, flashings, touch-up paints, sealing tapes
Material	S280GD + Z275 gem. EN 10169
EU Standard	EN 14782 + EN 1090-2

### COATINGS:

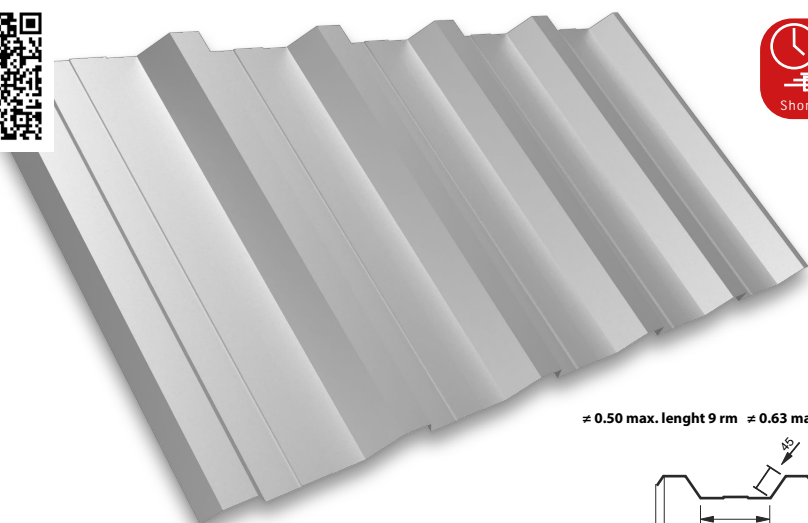
- Standard Polyester 25µm
- Polyester Matt Coarse 35µm
- PURLAK® 50 µm
- PURMAT® 50µm
- Aluzinc 185 g/m<sup>2</sup>
- Alu Nature

≈ 0.50 max. length 9m ≈ 0.63 max. length 13.75 m ≈ 0.75 max. length 17.50 m



Scorching the anti-condensation coating at the ends (15 cm) optional.

## T 35DR Roof

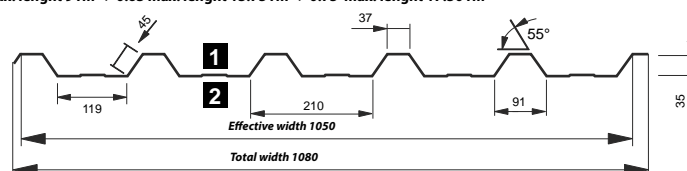


Colour palette	Producent's colour card
Application width	1250 mm
Effective width	1050 mm
Steel sheet thickness	0.50 mm   0.63 mm   0.75 mm
Aluminium sheet thickness <i>new</i>	0.70 mm
Accessories	Screws, seals, anti-condensation coating, skylight panels, flashings, touch-up paints, sealing tapes
Material	S280GD + Z275 gem. EN 10169
EU Standard	EN 14782 + EN 1090-2

### COATINGS:

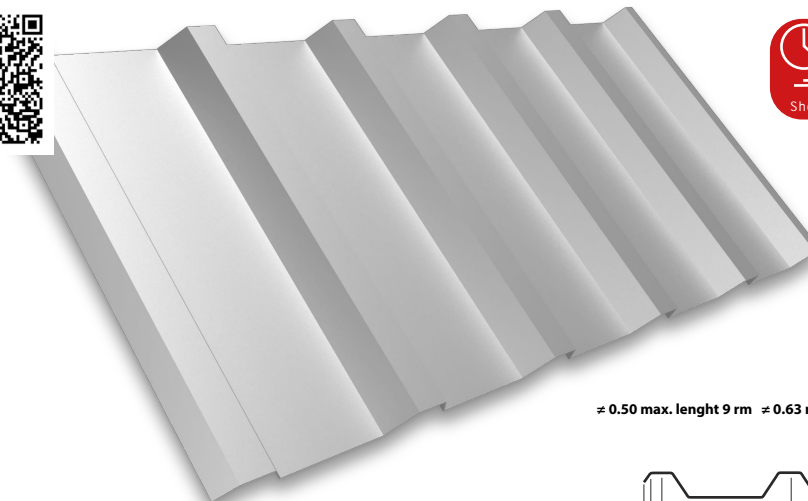
- Standard Polyester 25µm
- Polyester Matt Coarse 35µm
- PURLAK® 50 µm
- PURMAT® 50µm
- Aluzinc 185 g/m<sup>2</sup>
- Alu Nature

≈ 0.50 max. length 9 m ≈ 0.63 max. length 13.75 m ≈ 0.75 max. length 17.50 m



Scorching the anti-condensation coating at the ends (15 cm) optional.

## T 35/207M Roof

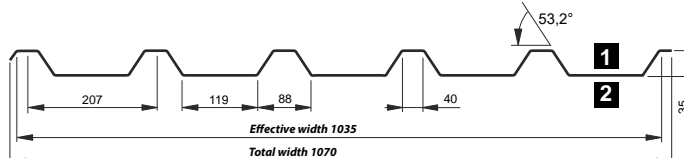


Colour palette	Producent's colour card
Application width	1250 mm
Effective width	1035 mm
Steel sheet thickness	0.50 mm   0.63 mm   0.75 mm   0.88 mm   1.00 mm
Accessories	Screws, seals, anti-condensation coating, skylight panels, flashings, touch-up paints, sealing tapes
Material	S280GD + Z275 gem. EN 10169
EU Standard	EN 14782 + EN 1090-2

### COATINGS:

- Standard Polyester 25µm
- Polyester Matt Coarse 35µm
- PURLAK® 50 µm
- PURMAT® 50µm
- Aluzinc 185 g/m<sup>2</sup>

≈ 0.50 max. length 9 m ≈ 0.63 max. length 13.75 m ≈ 0.75 max. length 17.50 m

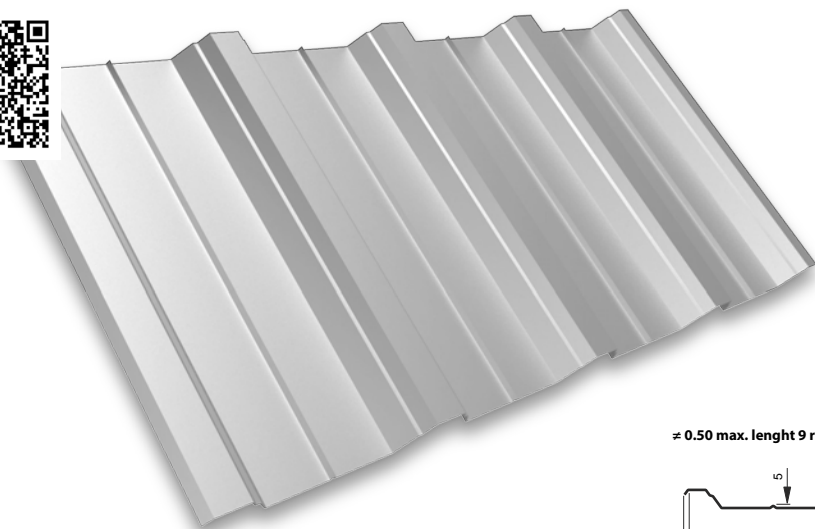


Factory-set with optional anti-condensation back cut.

Note the paint scheme designation:

- 1** coated with a decorative coating
- 2** coated with a protective coating (primer)

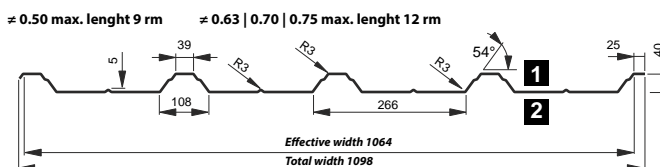
## T 40



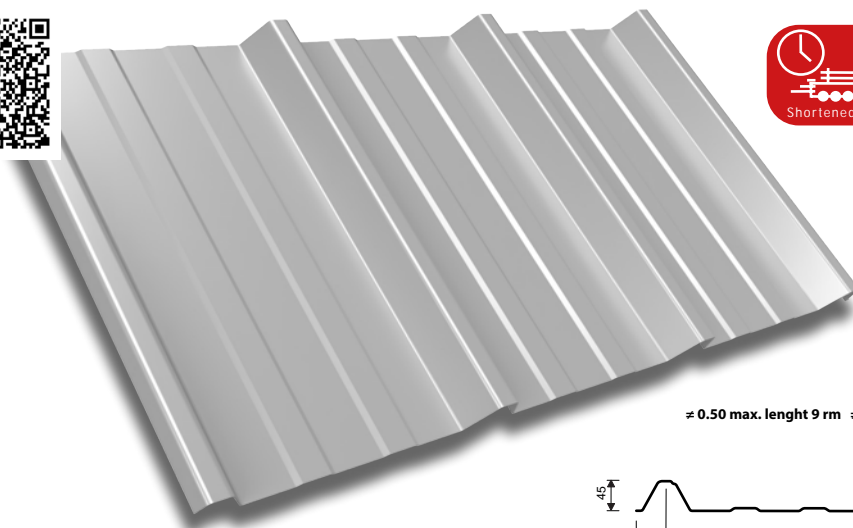
<b>Colour palette</b>	Producent's colour card
<b>Application width</b>	1250 mm
<b>Effective width</b>	1064 mm
<b>Steel sheet thickness</b>	0.50 mm   0.63 mm 0.70 mm   0.75 mm 0.88 mm   1.00 mm
<b>Accessories</b>	Screws, seals, anti-condensation coating, skylight panels, flashings, touch-up paints, sealing tapes
<b>Material</b>	S280GD + Z275 gem. EN 10169
<b>EU Standard</b>	EN 14782 + EN 1090-2

### COATINGS:

- Standard Polyester 25µm
- Polyester Matt Coarse 35µm
- PURLAK® 50 µm
- PURMAT® 50 µm
- Aluzinc 185 g/m<sup>2</sup>
- Zinc 275 g/m<sup>2</sup>



## T 45/333M Roof

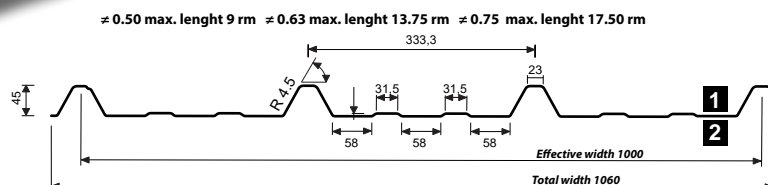


<b>Colour palette</b>	Producent's colour card
<b>Application width</b>	1250 mm
<b>Effective width</b>	1050 mm
<b>Steel sheet thickness</b>	0.50 mm   0.63 mm   0.75 mm   0.88 mm   1.00 mm
<b>Accessories</b>	Screws, seals, anti-condensation coating, skylight panels, flashings, touch-up paints, sealing tapes
<b>Material</b>	S280GD + Z275 gem. EN 10169
<b>EU Standard</b>	EN 14782 + EN 1090-2

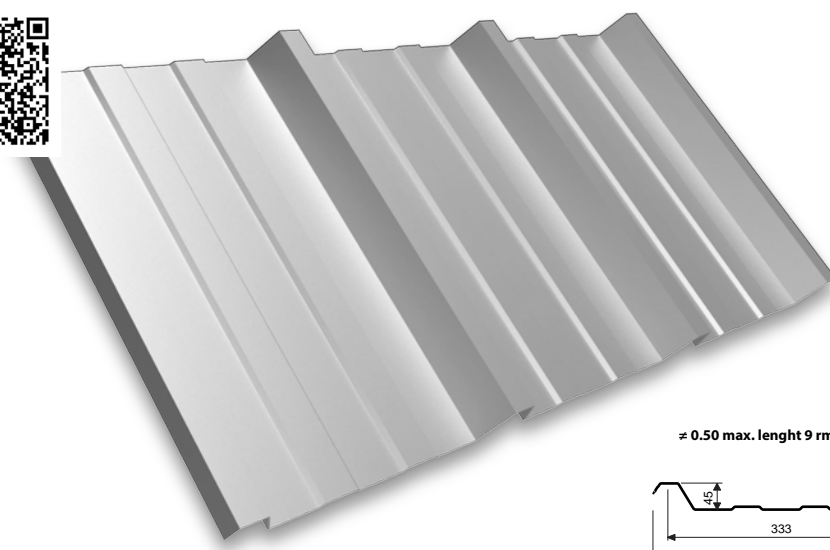
### COATINGS:

- Standard Polyester 25µm
- Polyester Matt Coarse 35µm
- PURLAK® 50 µm
- PURMAT® 50µm
- Aluzinc 185 g/m<sup>2</sup>

Factory-set with optional anti-condensation back cut.



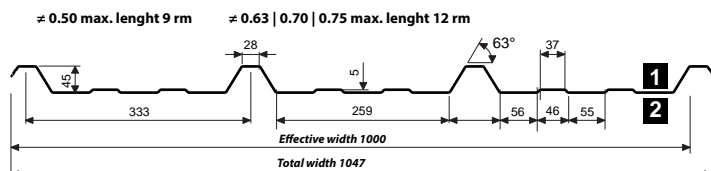
## T 45P Roof



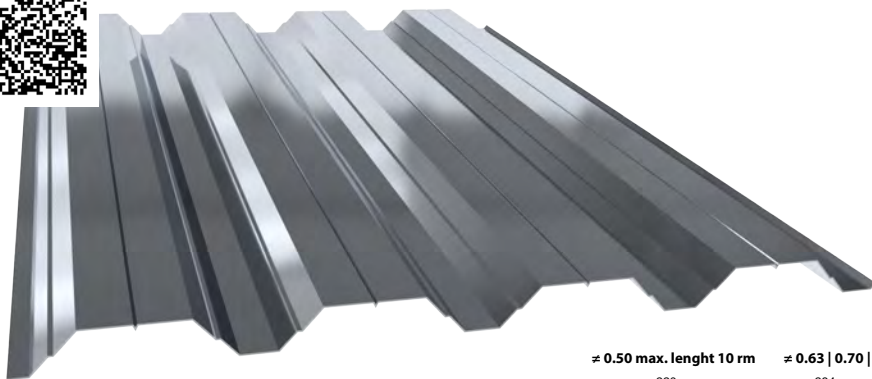
<b>Colour palette</b>	Producent's colour card
<b>Application width</b>	1250 mm
<b>Effective width</b>	1000 mm
<b>Steel sheet thickness</b>	0.50 mm   0.63 mm 0.70 mm   0.75 mm 0.88 mm   1.00 mm
<b>Accessories</b>	Screws, seals, anti-condensation coating, flashings, touch-up paints, sealing tapes
<b>Material</b>	S280GD + Z275 gem. EN 10169
<b>EU Standard</b>	EN 14782 + EN 1090-2

### COATINGS:

- Standard Polyester 25µm
- Polyester Matt Coarse 35µm
- PURLAK® 50 µm
- PURMAT® 50 µm
- Aluzinc 185 g/m<sup>2</sup>
- Zinc 275 g/m<sup>2</sup>



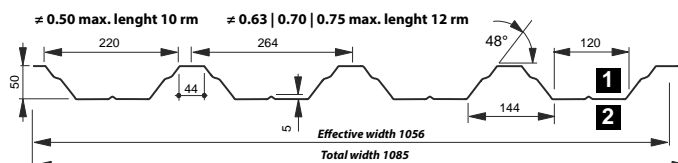
## T 50P Roof



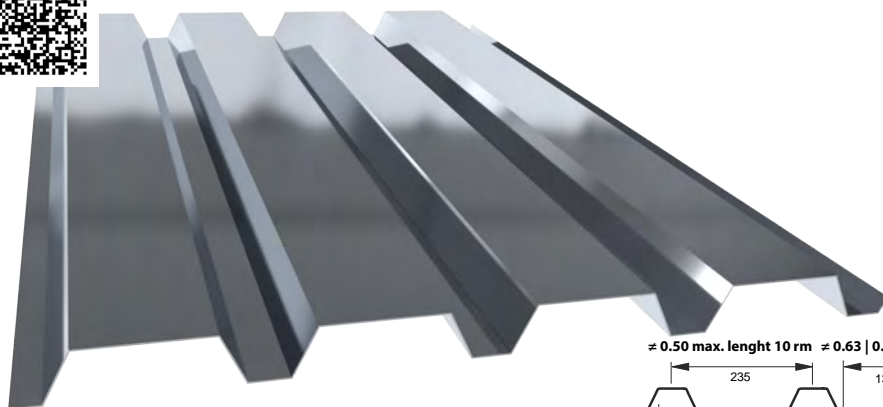
Colour palette	Producent's colour card
Application width	1250 mm
Effective width	1056 mm
Steel sheet thickness	0.50 mm   0.63 mm 0.70 mm   0.75 mm 0.88 mm   1.00 mm
Accessories	Screws, seals, anti-condensation coating, skylight panels, flashings, touch-up paints
Material	S280GD + Z275 gem. EN 10169
EU Standard	EN 14782 + EN 1090-2

### COATINGS:

- Standard Polyester 25µm
- Polyester Matt Coarse 35µm
- PURLAK® 50 µm
- PURMAT® 50µm
- Aluzinc 185 g/m<sup>2</sup>
- Zinc 275 g/m<sup>2</sup>



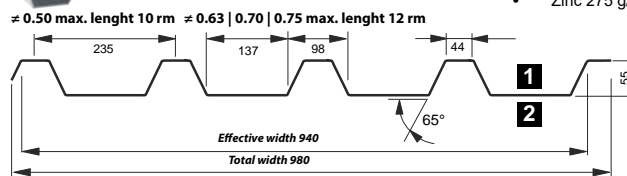
## T 55P Roof



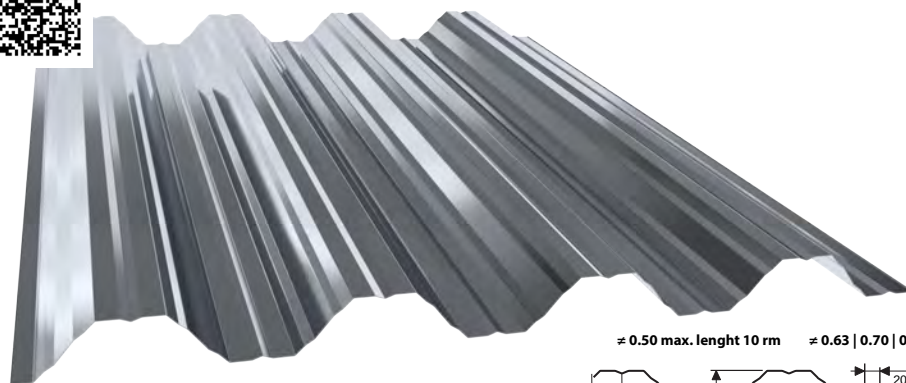
Colour palette	Producent's colour card
Application width	1250 mm
Effective width	940 mm
Steel sheet thickness	0.50 mm   0.63 mm 0.70 mm   0.75 mm 0.88 mm   1.00 mm
Accessories	Screws, seals, anti-condensation coating, skylight panels, flashings, touch-up paints
Material	S280GD + Z275 gem. EN 10169
EU Standard	EN 14782 + EN 1090-2

### COATINGS:

- Standard Polyester 25µm
- Polyester Matt Coarse 35µm
- PURLAK® 50 µm
- PURMAT® 50µm
- Aluzinc 185 g/m<sup>2</sup>
- Zinc 275 g/m<sup>2</sup>



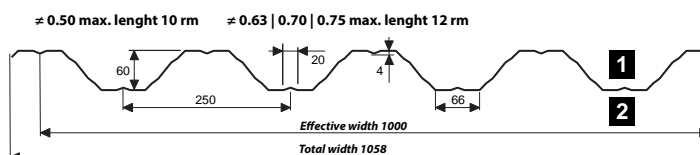
## T 60P Roof



Colour palette	Producent's colour card
Application width	1250 mm
Effective width	1000 mm
Steel sheet thickness	0.50 mm   0.63 mm 0.70 mm   0.75 mm 0.88 mm   1.00 mm
Acces	Screws, seals, anti-condensation coating, flashings, touch-up paints
Material	S280GD + Z275 gem. EN 10169
EU Standard	EN 14782 + EN 1090-2

### COATINGS:

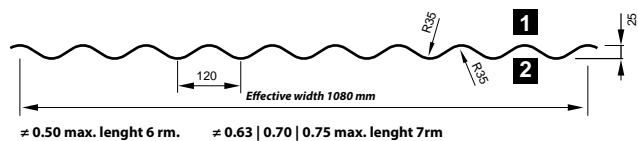
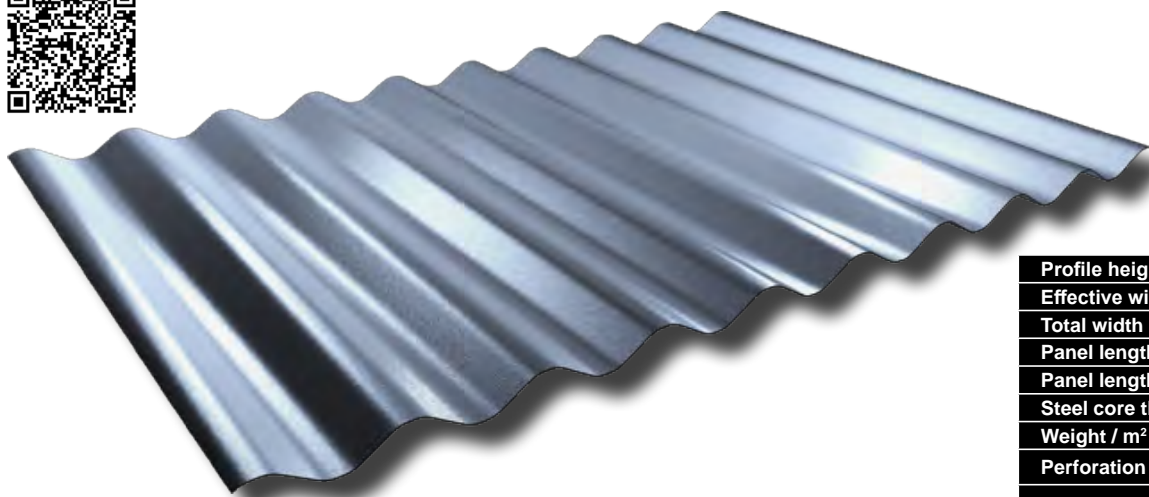
- Standard Polyester 25µm
- Polyester Matt Coarse 35µm
- PURLAK® 50 µm
- PURMAT® 50µm
- Aluzinc 185 g/m<sup>2</sup>
- Zinc 275 g/m<sup>2</sup>



Note the paint scheme designation:

- 1** coated with a decorative coating
- 2** coated with a protective coating (primer)

## PF 25

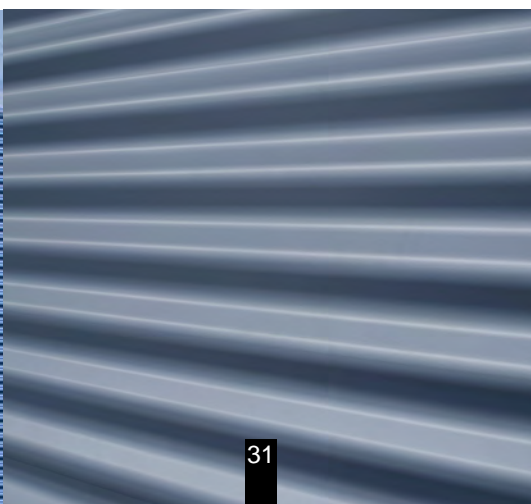


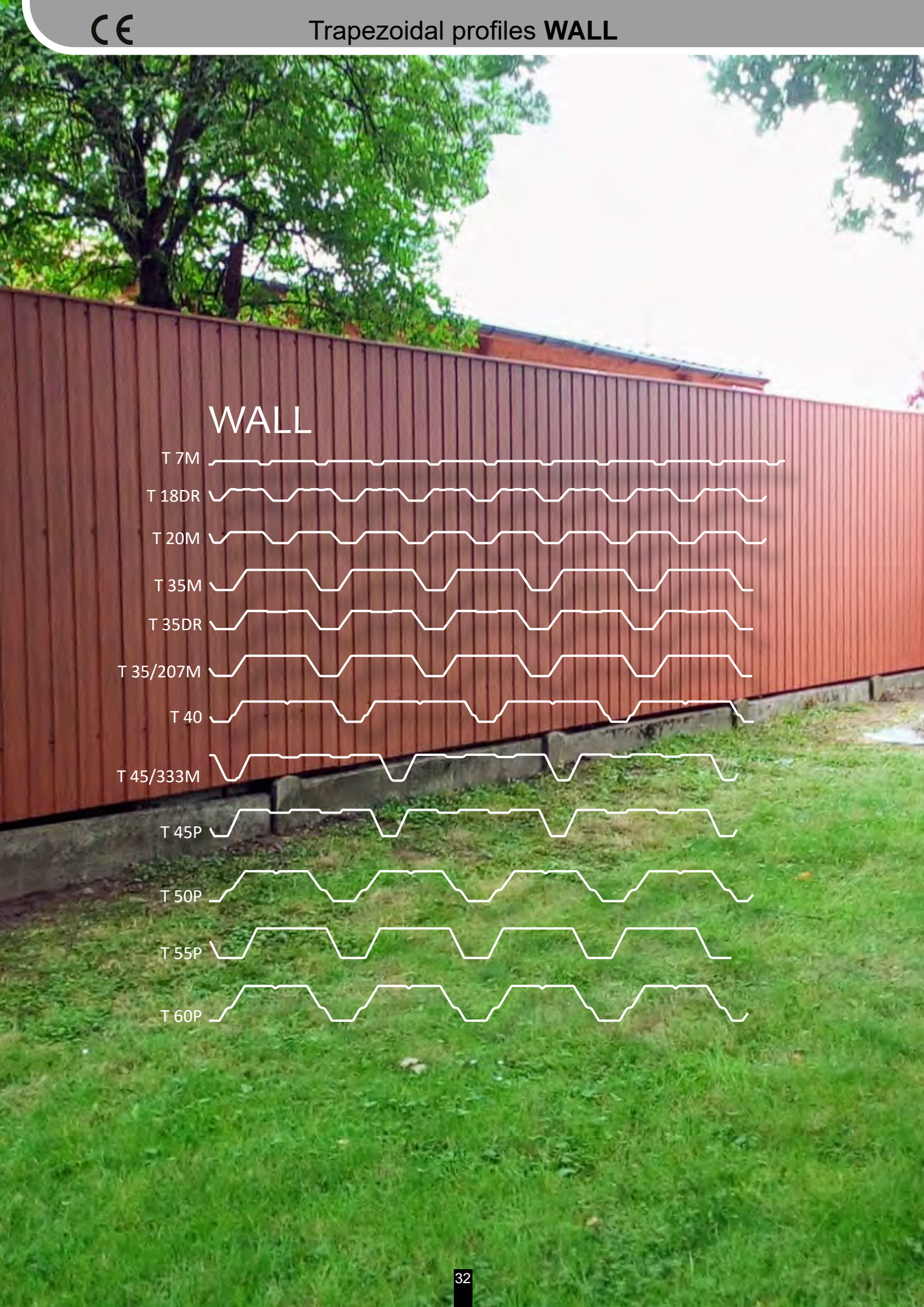
± 0.50 max. length 6 m.    ± 0.63 | 0.70 | 0.75 max. length 7 m

<b>Profile height</b>	25 mm
<b>Effective width</b>	1080 mm
<b>Total width</b>	1114 mm
<b>Panel length (max)</b>	6 / 7 lfm
<b>Panel length (min)</b>	0.5 lfm
<b>Steel core thickness</b>	0.50   0.63   0.70   0.75 mm
<b>Weight / m<sup>2</sup></b>	4.7 - 7.1 kg
<b>Perforation</b>	Yes
<b>Accessories</b>	screws, flashings, touch-up paints, Niagara gutter system
<b>Material</b>	S280GD + Z275 gem. EN 10169
<b>EU Standard</b>	EN 14782 + EN 1090-2

Optional: anti-condensation coating

*Corrugated facade profiles are fixed the same way as trapezoidal profiles – for the structural of houses, offices and administrative buildings, warehouses, sports halls, as well as in all cases where not only the aesthetics, but also uniqueness and innovative shape are important.*





# WALL

- T 7M
- T 18DR
- T 20M
- T 35M
- T 35DR
- T 35/207M
- T 40
- T 45/333M
- T 45P
- T 50P
- T 55P
- T 60P



## T 7M Wall

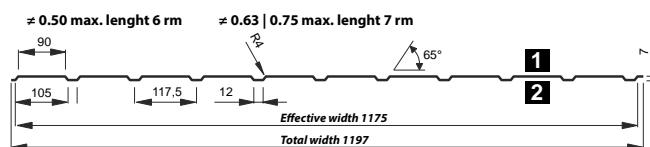


### COATINGS:

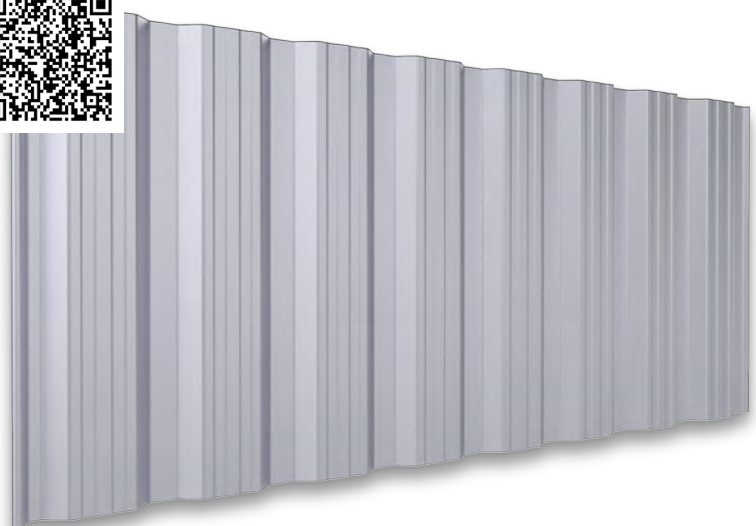
- Standard Polyester 25µm
- Polyester Matt Coarse 35µm
- PURLAK® 50 µm
- PURMAT® 50µm
- Aluzinc 185 g/m<sup>2</sup>
- Zinc 275 g/m<sup>2</sup>
- Alu Nature



Colour palette	Producent's colour card
Application width	1250 mm
Effective width	1175 mm
Steel sheet thickness	0.50 mm   0.63 mm   0.75 mm
Aluminium sheet thickness <b>new</b>	0.70 mm
Accessories	Screws, seals, anti-condensation coating, skylight panels, flashings, touch-up paints
Material	S280GD + Z275 gem. EN 10169
EU Standard	EN 14782 + EN 1090-2



## T 18DR Wall

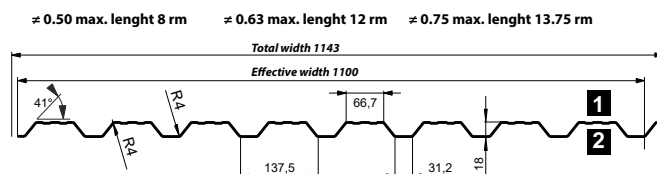


### COATINGS:

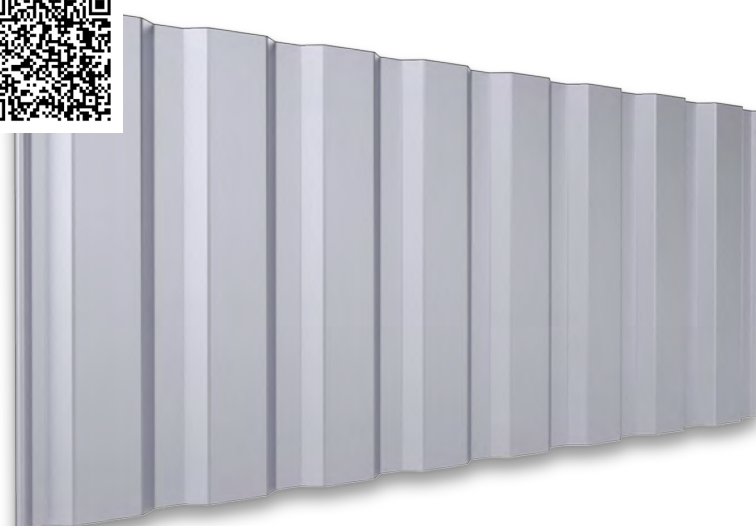
- Standard Polyester 25µm
- Polyester Matt Coarse 35µm
- PURLAK® 50 µm
- PURMAT® 50µm
- Aluzinc 185 g/m<sup>2</sup>
- Alu Nature



Colour palette	Producent's colour card
Application width	1250 mm
Effective width	1100 mm
Steel sheet thickness	0.50 mm   0.63 mm   0.75 mm
Aluminium sheet thickness <b>new</b>	0.70 mm
Accessories	Screws, seals, anti-condensation coating, skylight panels, flashings, touch-up paints, sealing tapes
Material	S280GD + Z275 gem. EN 10169
EU Standard	EN 14782 + EN 1090-2



## T 20M Wall

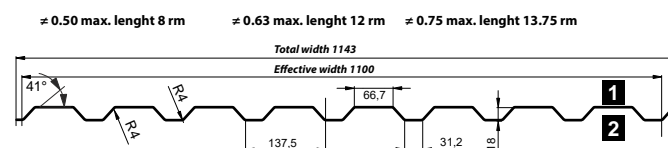


### COATINGS:

- Standard Polyester 25µm
- Polyester Matt Coarse 35µm
- PURLAK® 50 µm
- PURMAT® 50µm
- Aluzinc 185 g/m<sup>2</sup>
- Alu Nature



Colour palette	Producent's colour card
Application width	1250 mm
Effective width	1100 mm
Steel sheet thickness	0.50 mm   0.63 mm   0.75 mm
Aluminium sheet thickness <b>new</b>	0.70 mm
Accessories	Screws, seals, anti-condensation coating, skylight panels, flashings, touch-up paints, sealing tapes
Material	S280GD + Z275 gem. EN 10169
EU Standard	EN 14782 + EN 1090-2



Note the paint scheme designation:

- 1** coated with a decorative coating
- 2** coated with a protective coating (primer)

## T 35M Wall

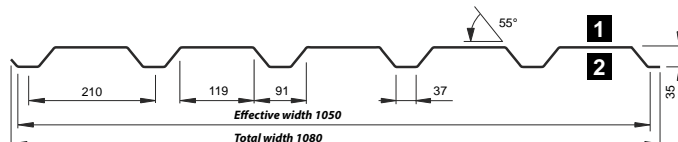


- COATINGS:
- Standard Polyester 25µm
  - Polyester Matt Coarse 35µm
  - PURLAK® 50 µm
  - PURMAT® 50µm
  - Aluzinc 185 g/m<sup>2</sup>
  - Alu Nature

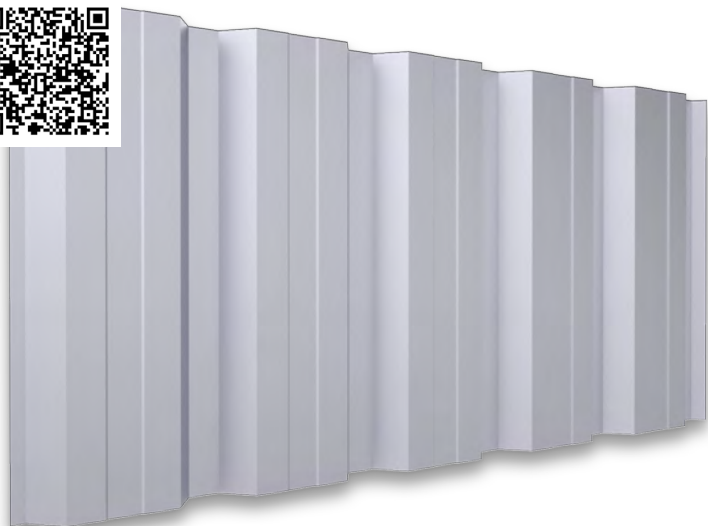


Colour palette	Producent's colour card
Application width	1250 mm
Effective width	1050 mm
Steel sheet thickness	0.50 mm   0.63 mm   0.75 mm
Aluminium sheet thickness <i>new</i>	0.70 mm
Accessories	Screws, seals, anti-condensation coating, skylight panels, flashings, touch-up paints, sealing tapes
Material	S280GD + Z275 gem. EN 10169
EU Standard	EN 14782 + EN 1090-2

≅ 0.50 max. length 9 m ≅ 0.63 max. length 13.75 m ≅ 0.75 max. length 17.50 m



## T 35DR Wall

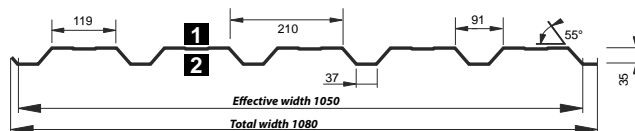


- COATINGS:
- Standard Polyester 25µm
  - Polyester Matt Coarse 35µm
  - PURLAK® 50 µm
  - PURMAT® 50µm
  - Aluzinc 185 g/m<sup>2</sup>
  - Alu Nature

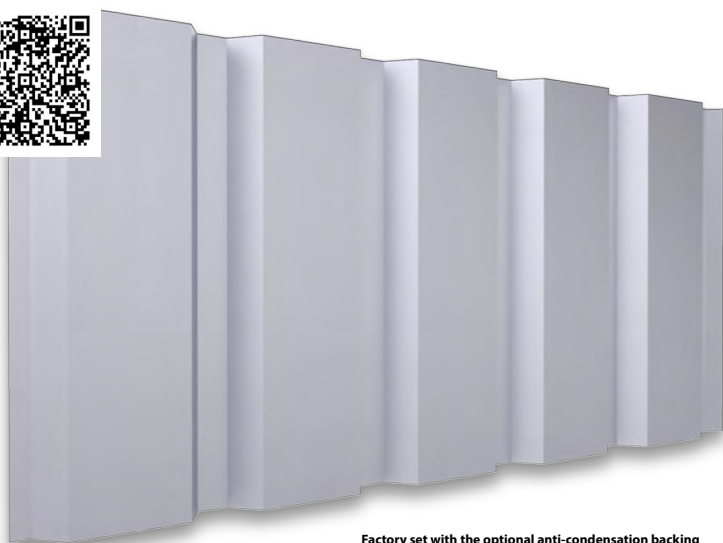


Colour palette	Producent's colour card
Application width	1250 mm
Effective width	1050 mm
Steel sheet thickness	0.50 mm   0.63 mm   0.75 mm
Aluminium sheet thickness <i>new</i>	0.70 mm
Accessories	Screws, seals, anti-condensation coating, skylight panels, flashings, touch-up paints, sealing tapes
Material	S280GD + Z275 gem. EN 10169
EU Standard	EN 14782 + EN 1090-2

≅ 0.50 max. length 9 m ≅ 0.63 max. length 13.75 m ≅ 0.75 max. length 17.50 m



## T 35/207M Wall



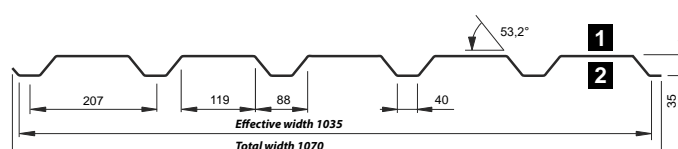
Factory set with the optional anti-condensation backing cut to size.

- COATINGS:
- Standard Polyester 25µm
  - Polyester Matt Coarse 35µm
  - PURLAK® 50 µm
  - PURMAT® 50µm
  - Aluzinc 185 g/m<sup>2</sup>



Colour palette	Producent's colour card
Application width	1250 mm
Effective width	1050 mm
Steel sheet thickness	0.50 mm   0.63 mm   0.75 mm   0.88 mm   1.00 mm
Accessories	Screws, seals, anti-condensation coating, skylight panels, flashings, touch-up paints, sealing tapes
Material	S280GD + Z275 gem. EN 10169
EU Standard	EN 14782 + EN 1090-2

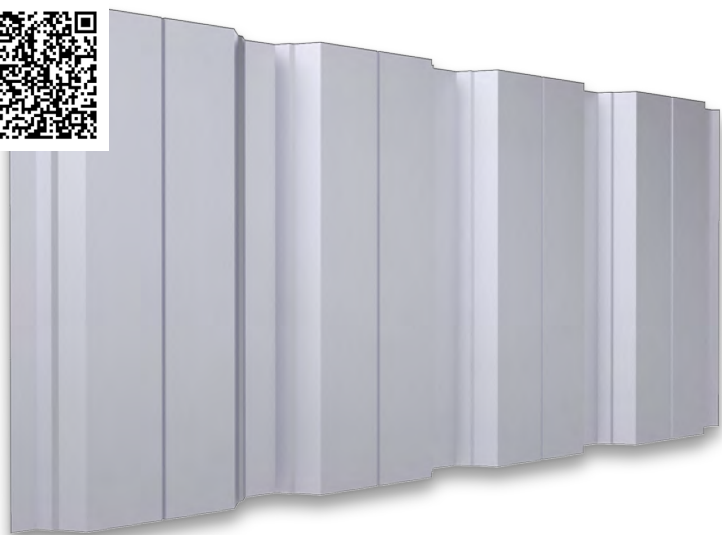
≅ 0.50 max. length 9 m ≅ 0.63 max. length 13.75 m ≅ 0.75 max. length 17.50 m



Note the paint scheme designation:

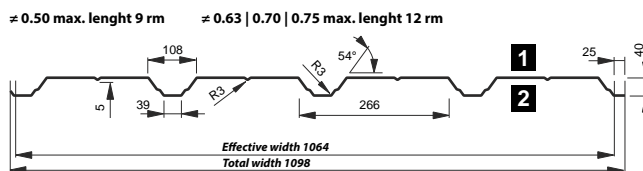
- 1 coated with a decorative coating
- 2 coated with a protective coating (primer)

## T 40 Wall

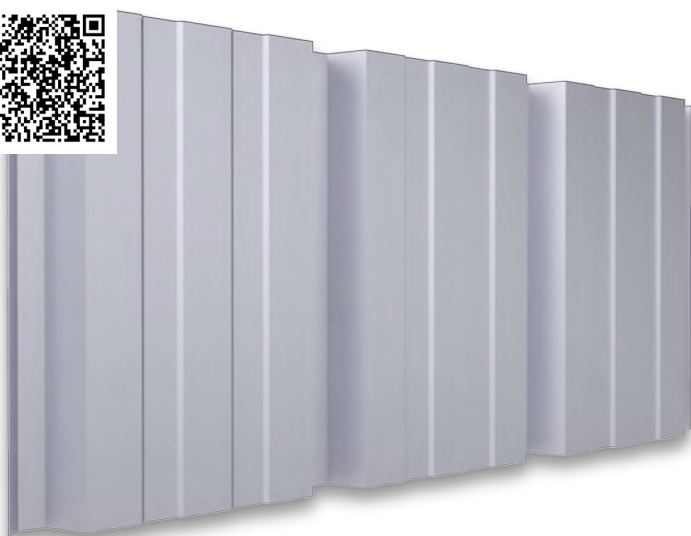


- COATINGS:
- Standard Polyester 25µm
  - Polyester Matt Coarse 35µm
  - PURLAK® 50 µm
  - PURMAT® 50 µm
  - Aluzinc 185 g/m<sup>2</sup>
  - Zinc 275 g/m<sup>2</sup>

Colour palette	Producent's colour card
Application width	1250 mm
Effective width	1064 mm
Steel sheet thickness	0.50 mm   0.63 mm 0.70 mm   0.75 mm 0.88 mm   1.00 mm
Accessories	Screws, seals, anti-condensation coating, skylight panels, flashings, touch-up paints, sealing tapes
Material	S280GD + Z275 gem. EN 10169
EU Standard	EN 14782 + EN 1090-2

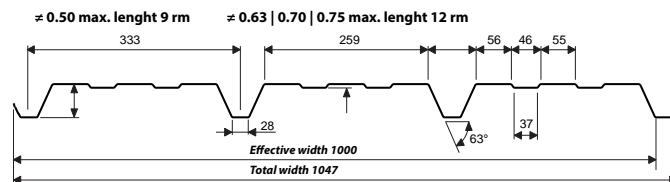


## T 45P Wall

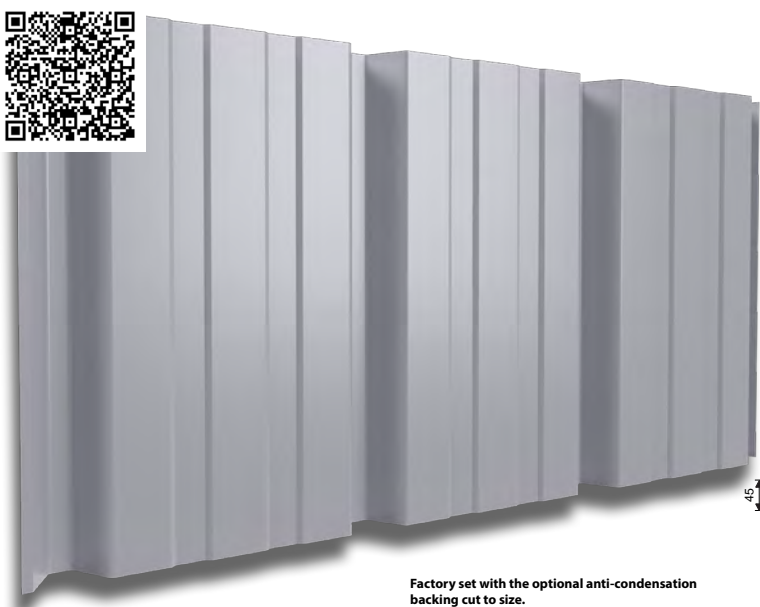


- COATINGS:
- Standard Polyester 25µm
  - Polyester Matt Coarse 35µm
  - PURLAK® 50 µm
  - PURMAT® 50 µm
  - Aluzinc 185 g/m<sup>2</sup>
  - Zinc 275 g/m<sup>2</sup>

Colour palette	Producent's colour card
Application width	1250 mm
Effective width	1000 mm
Steel sheet thickness	0.50 mm   0.63 mm 0.70 mm   0.75 mm 0.88 mm   1.00 mm
Accessories	Screws, seals, anti-condensation coating, skylight panels, flashings, touch-up paints, sealing tapes
Material	S280GD + Z275 gem. EN 10169
EU Standard	EN 14782 + EN 1090-2



## T 45/333M Wall

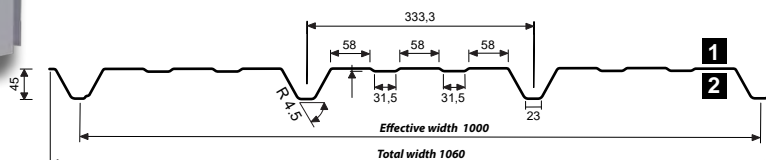


- COATINGS:
- Standard Polyester 25µm
  - Polyester Matt Coarse 35µm
  - PURLAK® 50 µm
  - PURMAT® 50 µm
  - Aluzinc 185 g/m<sup>2</sup>



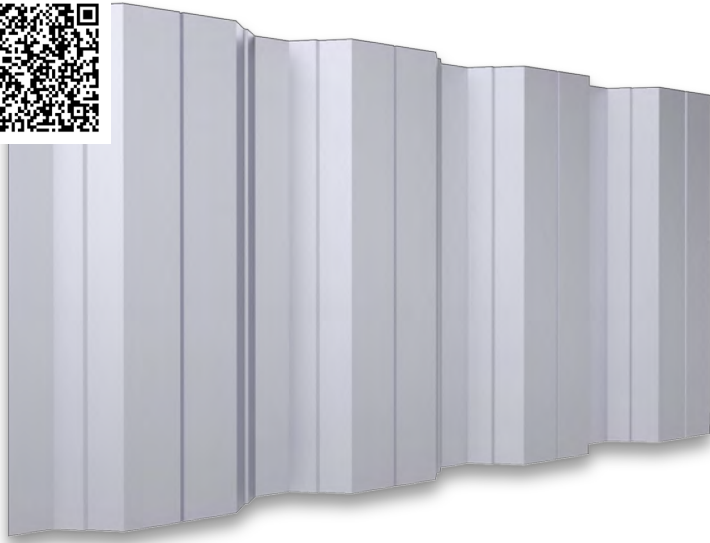
Colour palette	Producent's colour card
Application width	1250 mm
Effective width	1050 mm
Steel sheet thickness	0.50 mm   0.63 mm   0.75 mm   0.88 mm   1.00 mm
Accessories	Screws, seals, anti-condensation coating, skylight panels, flashings, touch-up paints, sealing tapes
Material	S280GD + Z275 gem. EN 10169
EU Standard	EN 14782 + EN 1090-2

$\approx 0.50$  max. length 9 m     $\approx 0.63$  max. length 13.75 m     $\approx 0.75$  max. length 17.50 m



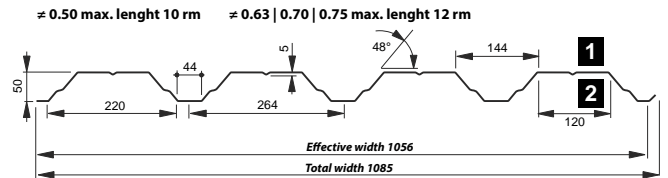
Factory set with the optional anti-condensation backing cut to size.

## T 50P Wall

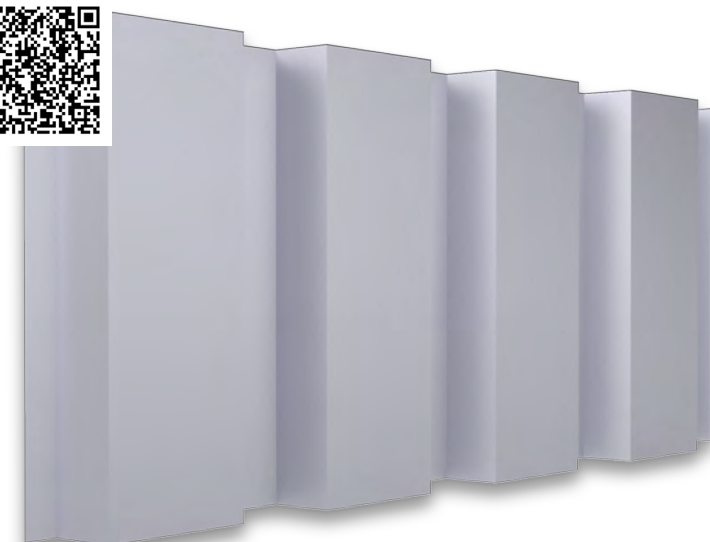


- COATINGS:
- Standard Polyester 25µm
  - Polyester Matt Coarse 35µm
  - PURLAK® 50 µm
  - PURMAT® 50µm
  - Aluzinc 185 g/m<sup>2</sup>
  - Zinc 275 g/m<sup>2</sup>

Colour palette	Producent's colour card
Application width	1250 mm
Effective width	1056 mm
Steel sheet thickness	0.50 mm   0.63 mm 0.70 mm   0.75 mm 0.88 mm   1.00 mm
Accessories	Screws, seals, anti-condensation coating, skylight panels, flashings, touch-up paints
Material	S280GD + Z275 gem. EN 10169
EU Standard	EN 14782 + EN 1090-2

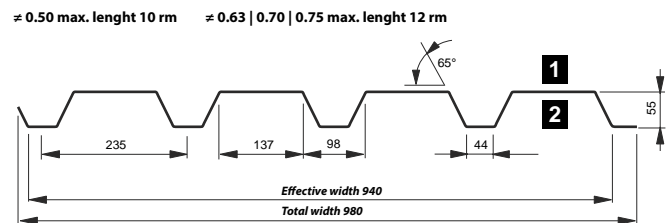


## T 55P Wall

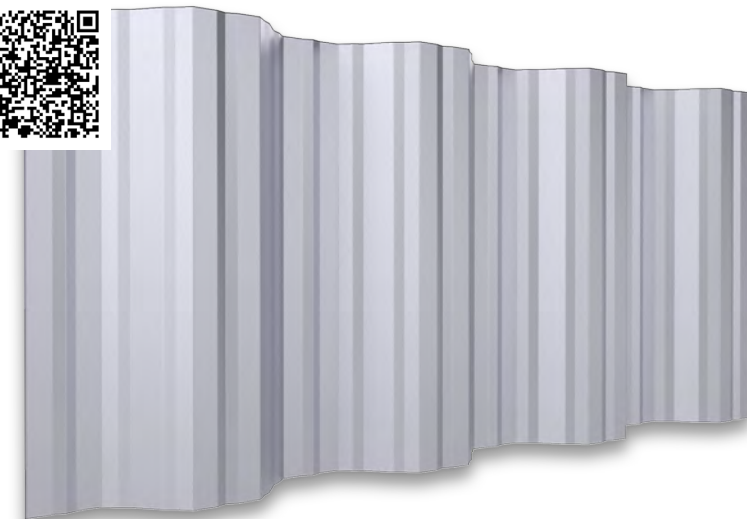


- COATINGS:
- Standard Polyester 25µm
  - Polyester Matt Coarse 35µm
  - PURLAK® 50 µm
  - PURMAT® 50µm
  - Aluzinc 185 g/m<sup>2</sup>
  - Zinc 275 g/m<sup>2</sup>

Colour palette	Producent's colour card
Application width	1250 mm
Effective width	940 mm
Steel sheet thickness	0.50 mm   0.63 mm 0.70 mm   0.75 mm 0.88 mm   1.00 mm
Accessories	Screws, seals, anti-condensation coating, skylight panels, flashings, touch-up paints
Material	S280GD + Z275 gem. EN 10169
EU Standard	EN 14782 + EN 1090-2

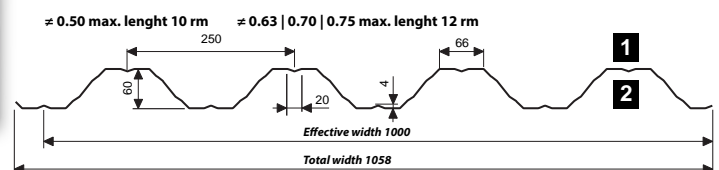


## T 60P Wall



- COATINGS:
- Standard Polyester 25µm
  - Polyester Matt Coarse 35µm
  - PURLAK® 50 µm
  - PURMAT® 50µm
  - Aluzinc 185 g/m<sup>2</sup>
  - Zinc 275 g/m<sup>2</sup>

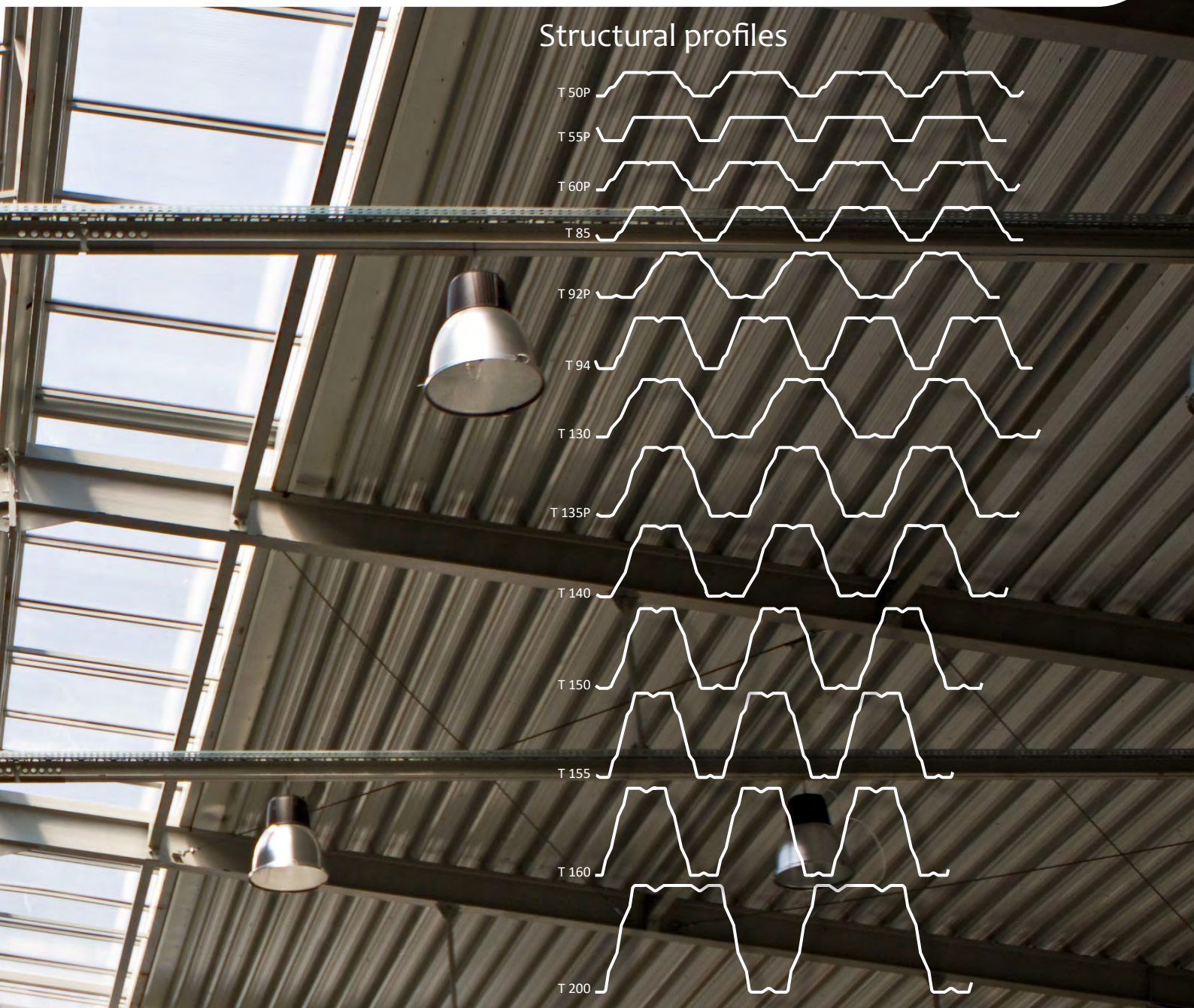
Colour palette	Producent's colour card
Application width	1250 mm
Effective width	1000 mm
Steel sheet thickness	0.50 mm   0.63 mm 0.70 mm   0.75 mm 0.88 mm   1.00 mm
Accessories	Screws, seals, anti-condensation coating, skylight panels, flashings, touch-up paints
Material	S280GD + Z275 gem. EN 10169
EU Standard	EN 14782 + EN 1090-2



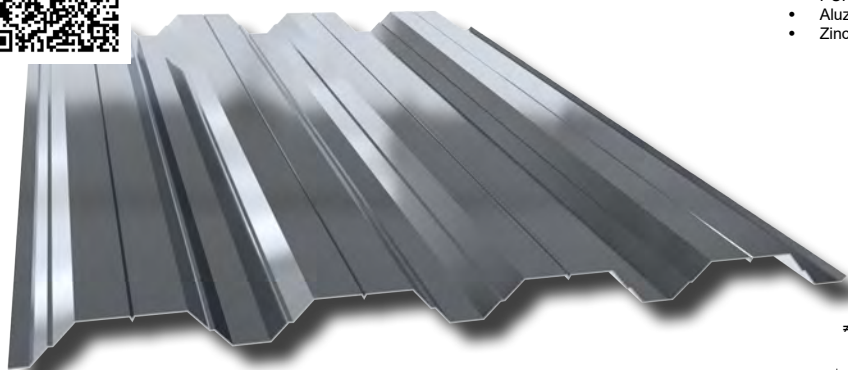
Note the paint scheme designation:

- 1 coated with a decorative coating
- 2 coated with a protective coating (primer)

## Structural profiles



### T 50P Structural

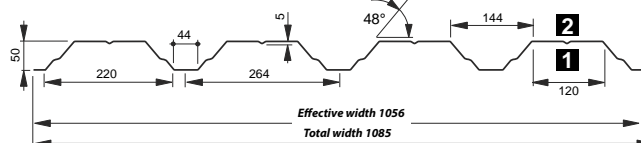


#### COATINGS:

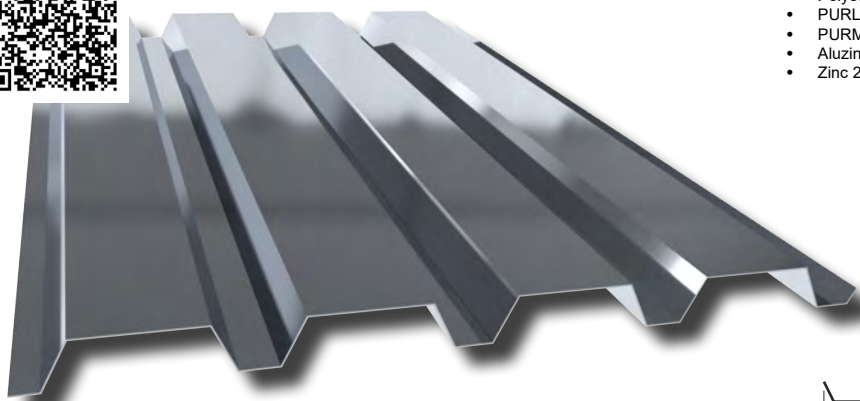
- Standard Polyester 25µm
- Polyester Matt Coarse 35µm
- PURLAK® 50 µm
- PURMAT® 50µm
- Aluzinc 185 g/m<sup>2</sup>
- Zinc 275 g/m<sup>2</sup>

<b>Colour palette</b>	Producent's colour card
<b>Application width</b>	1250 mm
<b>Effective width</b>	1056 mm
<b>Steel sheet thickness</b>	0.50 mm   0.63 mm   0.70 mm 0.75 mm   0.88 mm   1.00 mm 1.25 mm
<b>Accessories</b>	Screws, seals, anti-condensation coating, skylight panels, flashings, touch-up paints
<b>Material</b>	S280GD + Z275 gem. EN 10169
<b>EU Standard</b>	EN 1090-2

≅ 0.50 max. length 10 rm ≅ 0.63 | 0.70 | 0.75 max. length 12 rm

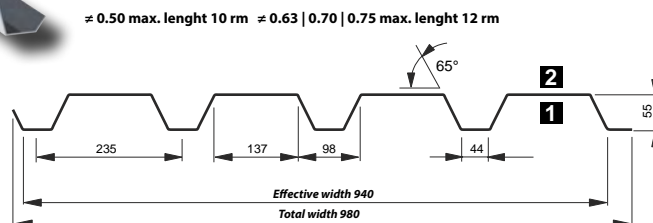


## T 55P Structural

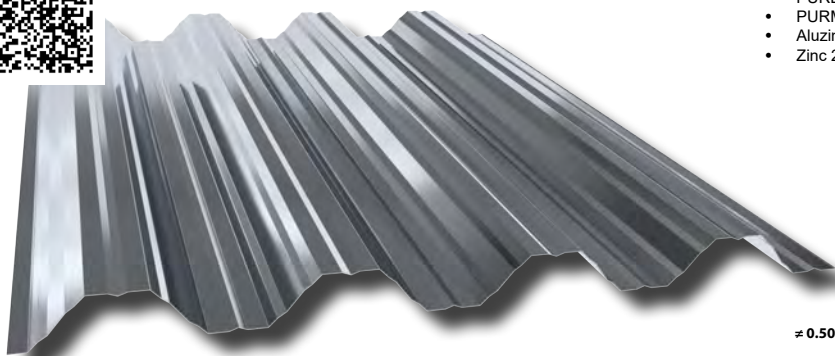


- COATINGS:
- Standard Polyester 25µm
  - Polyester Matt Coarse 35µm
  - PURLAK® 50 µm
  - PURMAT® 50µm
  - Aluzinc 185 g/m<sup>2</sup>
  - Zinc 275 g/m<sup>2</sup>

Colour palette	Producent's colour card
Application width	1250 mm
Effective width	940 mm
Steel sheet thickness	0.50 mm   0.63 mm   0.70 mm 0.75 mm   0.88 mm   1.00 mm 1.25 mm
Accessories	Screws, seals, anti-condensation coating, skylight panels, flashings, touch-up paints
Material	S280GD + Z275 gem. EN 10169
EU Standard	EN 1090-2

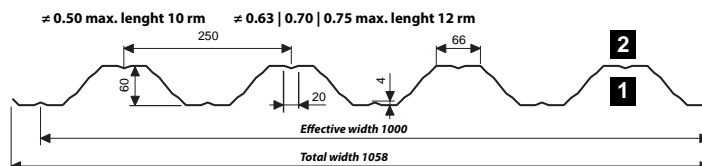


## T 60P Structural

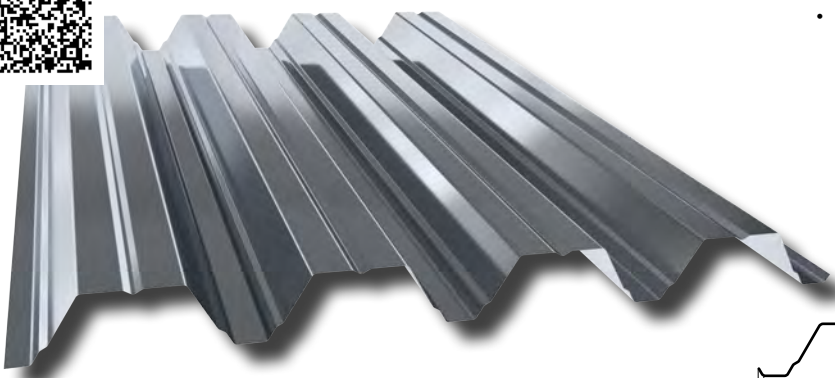


- COATINGS:
- Standard Polyester 25µm
  - Polyester Matt Coarse 35µm
  - PURLAK® 50 µm
  - PURMAT® 50µm
  - Aluzinc 185 g/m<sup>2</sup>
  - Zinc 275 g/m<sup>2</sup>

Colour palette	Producent's colour card
Application width	1250 mm
Effective width	1000 mm
Steel sheet thickness	0.50 mm   0.63 mm   0.70 mm 0.75 mm   0.88 mm   1.00 mm 1.25 mm
Accessories	Screws, seals, anti-condensation coating, skylight panels, flashings, touch-up paints
Material	S280GD + Z275 gem. EN 10169
EU Standard	EN 1090-2

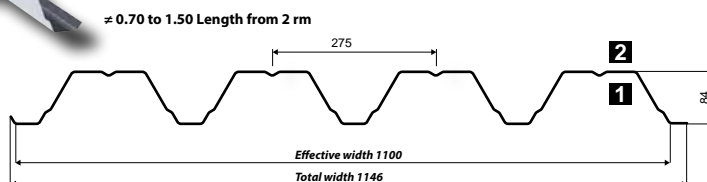


## T 85 Structural



- COATINGS:
- Standard Polyester 15µm
  - Standard Polyester 25µm
  - Aluzinc 185 g/m<sup>2</sup>
  - Zinc 275 g/m<sup>2</sup>

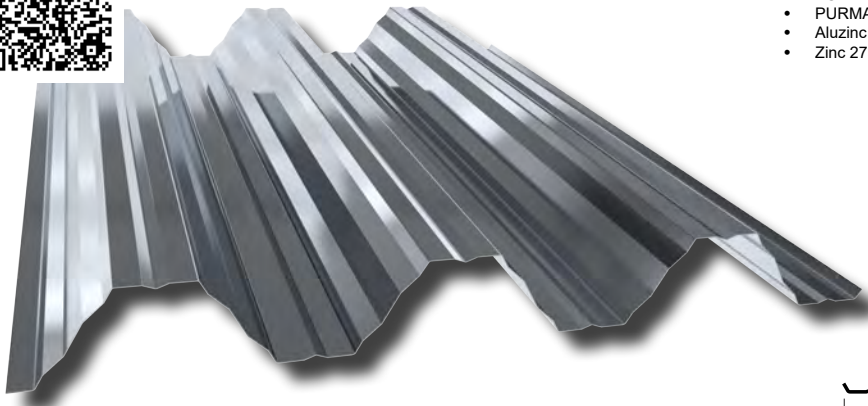
Colour palette	Producent's colour card
Application width	1500 mm
Steel sheet thickness	0.70 mm   0.75 mm   0.88 mm 1.00 mm   1.25 mm   1.50 mm
Accessories	Screws, seals, anti-condensation coating, flashings, touch-up paints
Material	S280GD / S320GD / S350GD + Z275 gem. EN 10169
EU Standard	EN 1090-2



Note the paint scheme designation:

- 1** coated with a decorative coating
- 2** coated with a protective coating (primer)

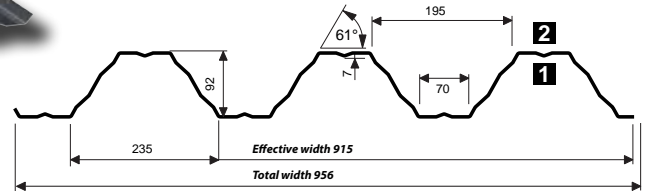
## T 92P Structural



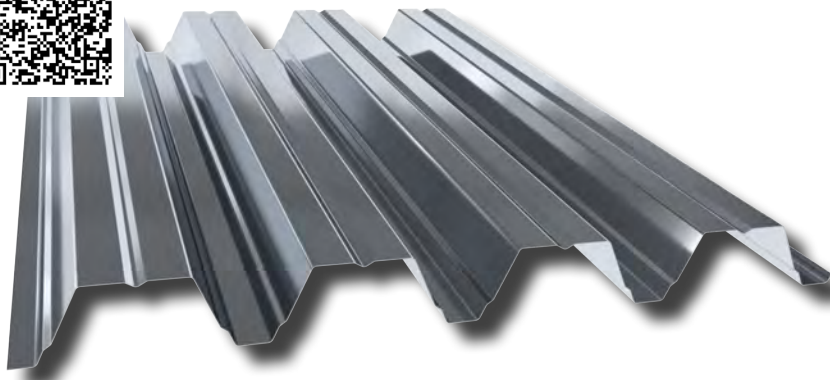
- COATINGS:
- Standard Polyester 25µm
  - Polyester Matt Coarse 35µm
  - PURLAK® 50 µm
  - PURMAT® 50µm
  - Aluzinc 185 g/m<sup>2</sup>
  - Zinc 275 g/m<sup>2</sup>

Colour palette	Producent's colour card
Application width	1250 mm
Effective width	915 mm
Steel sheet thickness	0.50 mm   0.63 mm 0.70 mm   0.75 mm 0.88 mm   1.00 mm
Accessories	Screws, seals, anti-condensation coating, skylight panels, flashings, touch-up paints
Material	S280GD + Z275 gem. EN 10169
EU Standard	EN 1090-2

≠ 0.50 max. length 9 rm  
 ≠ 0.63 | 0.70 | 0.75 max. length 12 rm  
 ≠ 0.88 | 1.00 | 1.25 | 1.50 max. length 14 rm



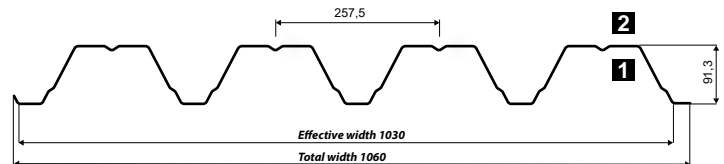
## T 94 Structural



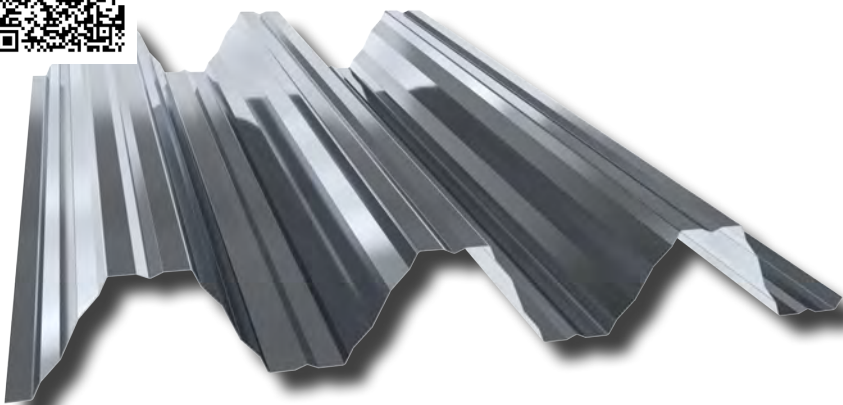
- COATINGS:
- Standard Polyester 15µm
  - Standard Polyester 25µm
  - Aluzinc 185 g/m<sup>2</sup>
  - Zinc 275 g/m<sup>2</sup>

Colour palette	Producent's colour card
Application width	1500 mm
Steel sheet thickness	0.70 mm   0.75 mm   0.88 mm 1.00 mm   1.25 mm   1.50 mm
Accessories	Screws, seals, anti-condensation coating, flashings, touch-up paints
Material	S280GD / S320GD / S350GD + Z275 gem. EN 10169
EU Standard	EN 1090-2

≠ 0.70 to 1.50 Length from 2 rm



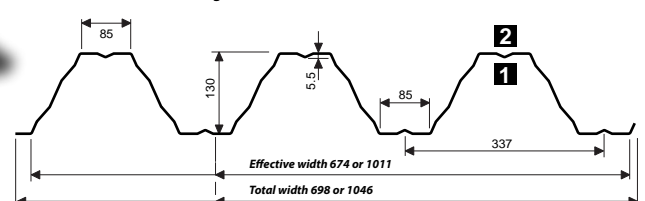
## T 130 Structural



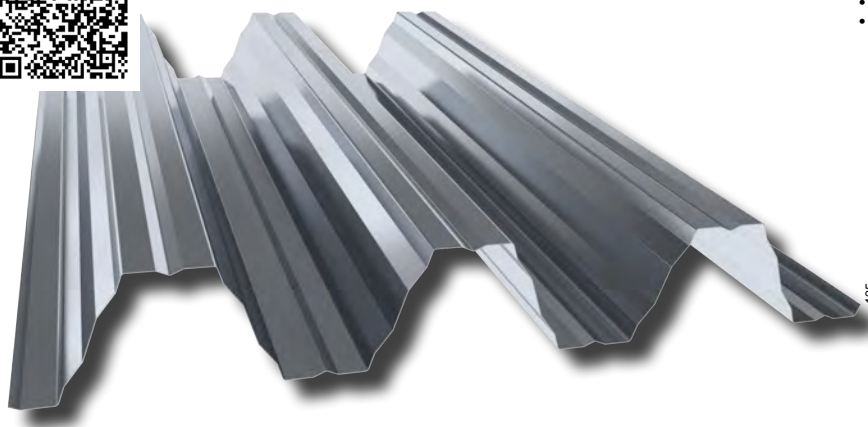
- COATINGS:
- Standard Polyester 15µm
  - Standard Polyester 25µm
  - Aluzinc 185 g/m<sup>2</sup>
  - Zinc 275 g/m<sup>2</sup>

Colour palette	Producent's colour card
Application width	1000 mm   1500 mm
Effective width	674 mm   1011 mm
Steel sheet thickness	0.70 mm   0.75 mm   0.88 mm 1.00 mm   1.25 mm   1.50 mm
Accessories	Screws, seals, anti-condensation coating, flashings, touch-up paints
Material	S280GD / S320GD / S350GD + Z275 gem. EN 10169
EU Standard	EN 1090-2

≠ 0.70 to 1.50 Length from 2 rm



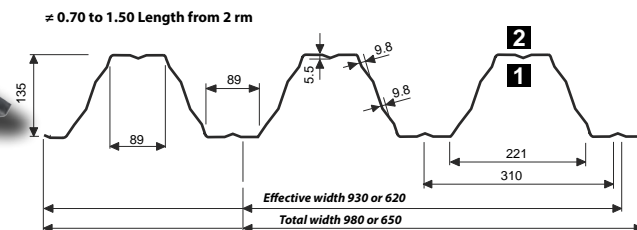
# T 135P Structural



**COATINGS:**

- Standard Polyester 15µm
- Standard Polyester 25µm
- Aluzinc 185 g/m<sup>2</sup>
- Zinc 275 g/m<sup>2</sup>

<b>Colour palette</b>	Producent's colour card
<b>Application width</b>	1000 mm   1500 mm
<b>Effective width</b>	620 mm   930 mm
<b>Steel sheet thickness</b>	0.70 mm   0.75 mm   0.88 mm 1.00 mm   1.25 mm   1.50 mm
<b>Accessories</b>	Screws, seals, anti-condensation coating, flashings, touch-up paints
<b>Material</b>	S280GD / S320GD / S350GD + Z275 gem. EN 10169
<b>EU Standard</b>	EN 1090-2



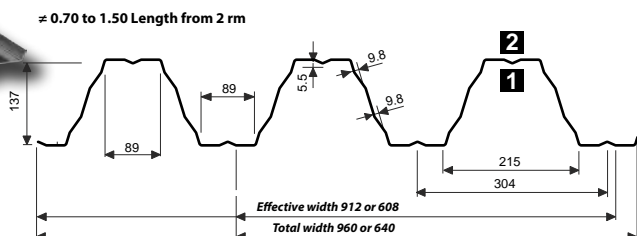
# T 140 Structural



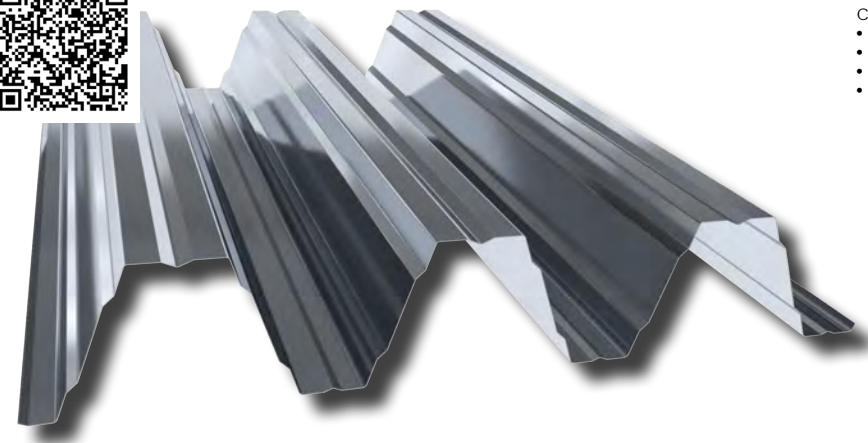
**COATINGS:**

- Standard Polyester 15µm
- Standard Polyester 25µm
- Aluzinc 185 g/m<sup>2</sup>
- Zinc 275 g/m<sup>2</sup>

<b>Colour palette</b>	Producent's colour card
<b>Application width</b>	1000 mm   1500 mm
<b>Effective width</b>	608 mm   912 mm
<b>Steel sheet thickness</b>	0.70 mm   0.75 mm   0.88 mm 1.00 mm   1.25 mm   1.50 mm
<b>Accessories</b>	Screws, seals, anti-condensation coating, flashings, touch-up paints
<b>Material</b>	S280GD / S320GD / S350GD + Z275 gem. EN 10169
<b>EU Standard</b>	EN 1090-2



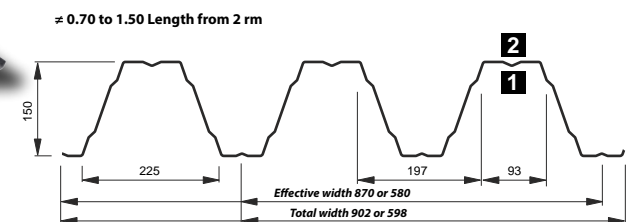
# T 150 Structural



**COATINGS:**

- Standard Polyester 15µm
- Standard Polyester 25µm
- Aluzinc 185 g/m<sup>2</sup>
- Zinc 275 g/m<sup>2</sup>

<b>Colour palette</b>	Producent's colour card
<b>Application width</b>	1000 mm   1500 mm
<b>Effective width</b>	580 mm   870 mm
<b>Steel sheet thickness</b>	0.70 mm   0.75 mm   0.88 mm 1.00 mm   1.25 mm   1.50 mm
<b>Accessories</b>	Screws, seals, anti-condensation coating, flashings, touch-up paints
<b>Material</b>	S280GD / S320GD / S350GD + Z275 gem. EN 10169
<b>EU Standard</b>	EN 1090-2

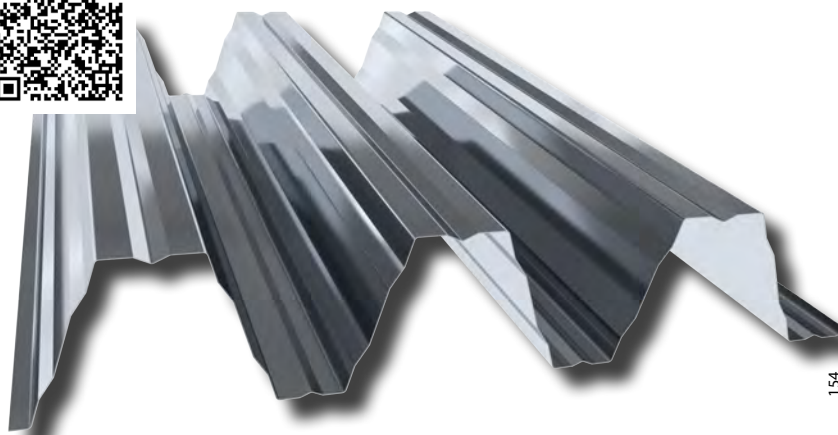


Note the paint scheme designation:

- 1** coated with a decorative coating
- 2** coated with a protective coating (primer)

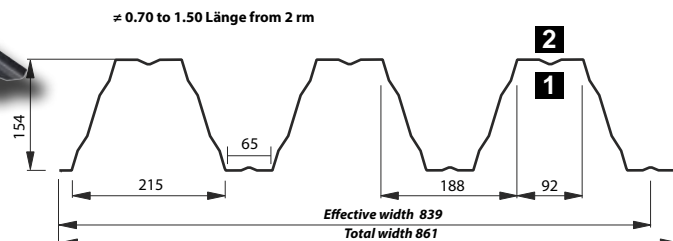


## T 155 Structural

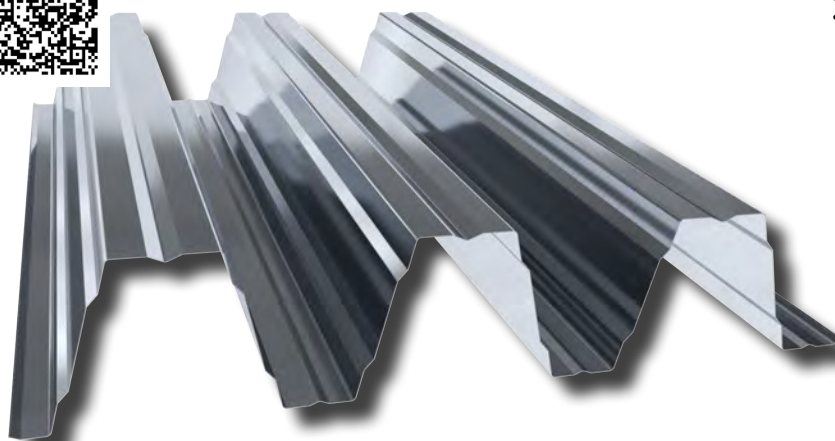


- COATINGS:
- Standard Polyester 15µm
  - Standard Polyester 25µm
  - Aluzinc 185 g/m<sup>2</sup>
  - Zinc 275 g/m<sup>2</sup>

Colour palette	Producent's colour card
Application width	1500 mm
Effective width	839 mm
Steel sheet thickness	0.70 mm   0.75 mm   0.88 mm 1.00 mm   1.25 mm   1.50 mm
Accessories	Screws, seals, anti-condensation coating, flashings, touch-up paints
Material	S280GD / S320GD / S350GD + Z275 gem. EN 10169
EU Standard	EN 1090-2

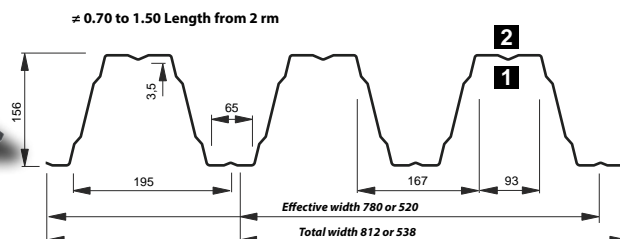


## T 160 Structural

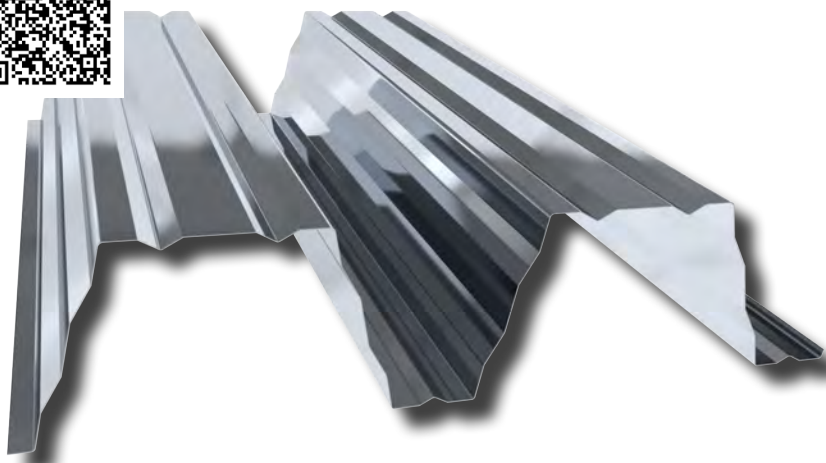


- COATINGS:
- Standard Polyester 15µm
  - Standard Polyester 25µm
  - Aluzinc 185 g/m<sup>2</sup>
  - Zinc 275 g/m<sup>2</sup>

Colour palette	Producent's colour card
Application width	1000 mm   1500 mm
Effective width	520 mm   780 mm
Steel sheet thickness	0.70 mm   0.75 mm   0.88 mm 1.00 mm   1.25 mm   1.50 mm
Accessories	Screws, seals, anti-condensation coating, flashings, touch-up paints
Material	S280GD / S320GD / S350GD + Z275 gem. EN 10169
EU Standard	EN 1090-2

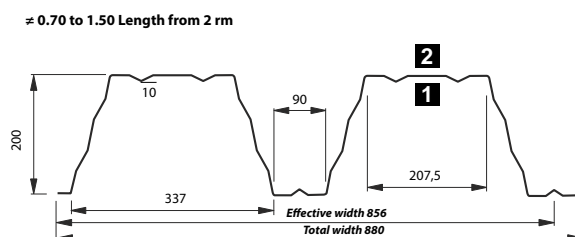


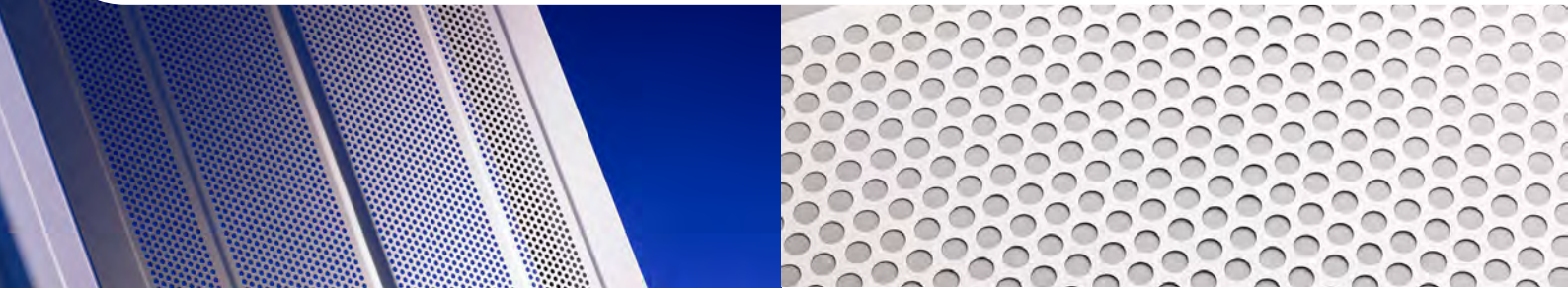
## T 200 Structural



- COATINGS:
- Standard Polyester 15µm
  - Standard Polyester 25µm
  - Aluzinc 185 g/m<sup>2</sup>
  - Zinc 275 g/m<sup>2</sup>

Colour palette	Producent's colour card
Application width	1500 mm
Effective width	856 mm
Steel sheet thickness	0.70 mm   0.75 mm   0.88 mm 1.00 mm   1.25 mm   1.50 mm
Accessories	Screws, seals, anti-condensation coating, flashings, touch-up paints
Material	S280GD / S320GD / S350GD + Z275 gem. EN 10169
EU Standard	EN 1090-2



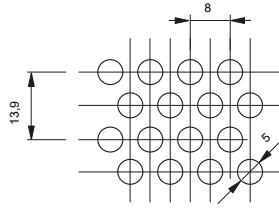
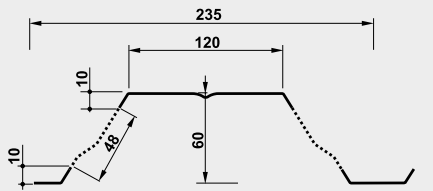


## Perforation of trapezoidal profiles

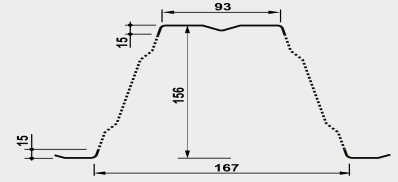
The perforation for selected trapezoidal sheet profiles is shown below. Customizable perforation patterns, in line with customer's requirements are also available.

Tape width up to 1500 mm,  
Sheet thickness up to 1,5 mm,  
Opening diameter  $\varnothing$  3,2 mm  $\varnothing$  4,0 mm  $\varnothing$  5,0 mm

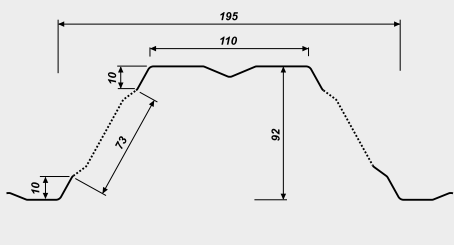
Example of possible perforation T60



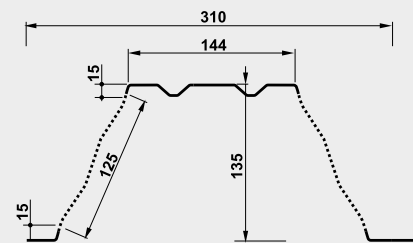
Example of possible perforation T160



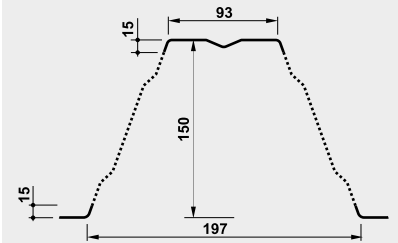
Example of possible perforation T92



Example of possible perforation T135



Example of possible perforation T150



## Perforation of flat sheets

Sheet thickness from 0.5 to 3 mm, tape width up to 1500 mm, sheet length is only limited by the means of transport.



Round openings



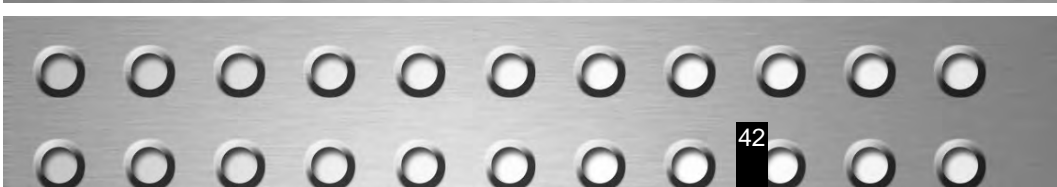
Square openings



Rectangular openings



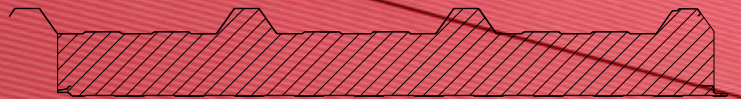
Oblong openings



Cup-shaped openings



Roof sandwich panel **PIR-D**



Wall sandwich panel Standard **PIR-ST**

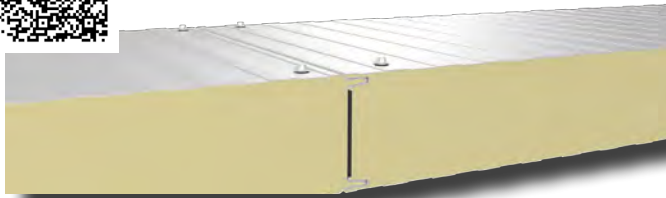


Wall sandwich panel PLUS **PIR-PL**



Cold storage sandwich panel **PIR-CH**





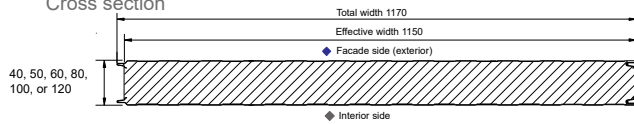
## PIRTECH

### PWS-PIR-ST Wall sandwich panel Standard

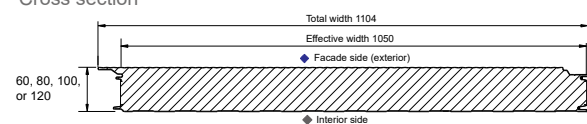
## PIRTECH

### PWS-PIR-PL Wall sandwich panel PLUS

Cross section



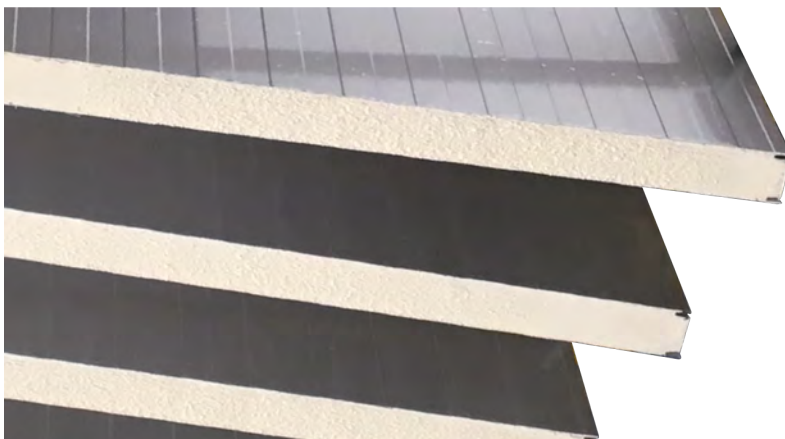
Cross section



Core	Polyurethane PIR / (Polyisocyanurate)
Thickness of panels [mm]	40   50   60   80   100   120
Effective width [mm]	1000 mm   1150 mm
Total width [mm]	1020 mm   1169 mm
Weight of 1m <sup>2</sup> [kg]	9.4   9.8   10.2   11.0   11.8   12.6
Minimal length of panel [rm]	2 rm
Maximum length of panel [rm]	16 rm* (depending on the colour)
External cladding thickness [mm]	0.50 - 0.70 mm
Internal cladding thickness [mm]	0.40 - 0.70 mm
λ ratio [W/mK]	0.023
U ratio [W/mK]	0.60   0.46   0.38   0.29   0.23   0.19
Fire performance	B-s2,d0   B-s2,d0   B-s2,d0   B-s1,d0   B-s1,d0   B-s1,d0
Type of external profile	Trapezoidal - T, Mikro-Trapezoidal - M, Wave - F
Type of internal profile	Trapez - Trapezoidal
Coatings	Standard Polyester 25µm, Matt Coarse 35µm, PURLAK 50µm, PURMAT 50µm
EU Standard	Approval: Abz/Abg Z-10.49-861 + CE - EN 14509

Core	Polyurethane PIR / (Polyisocyanurate)
Thickness of panels [mm]	60   80   100   120
Effective width [mm]	1000 mm   1050 mm
Total width [mm]	1020 mm   1104 mm
Weight of 1m <sup>2</sup> [kg]	10.2   11   11.8   12.6
Minimal length of panel [rm]	2 rm
Maximum length of panel [rm]	16 rm* (depending on the colour)
External cladding thickness [mm]	0.50 - 0.70 mm
Internal cladding thickness [mm]	0.40 - 0.70 mm
λ ratio [W/mK]	0.023
U ratio [W/mK]	0.41   0.30   0.23   0.19
Fire performance	B-s2,d0   B-s2,d0   B-s2,d0   B-s1,d0
Type of external profile	Trapezoidal - T, Mikro-Trapezoidal - M, Wave - F
Type of internal profile	Trapez - Trapezoidal
Coatings	Standard Polyester 25µm, Matt Coarse 35µm, PURLAK 50µm, PURMAT 50µm
EU Standard	Approval: Abz/Abg Z-10.49-861 + CE - EN 14509

## Sandwich panels with polyurethane core and INOX sheet metal

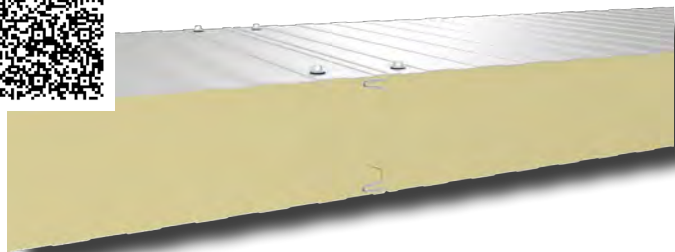
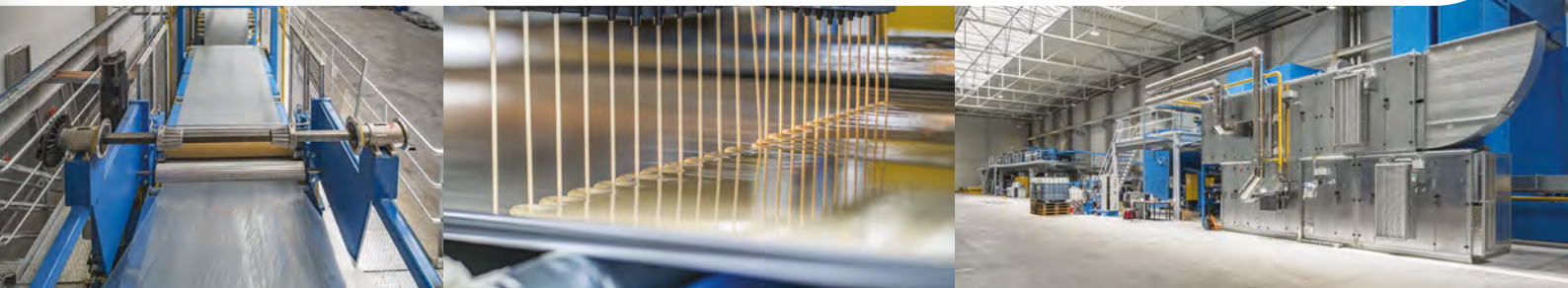


Sandwich panels are now also available in the steel top layer INOX. This is particularly intended for buildings with highly demanding applications, such as: food storage or agricultural buildings.

- Characteristics of the steel top layer:
- Material thickness 0.50mm
- High-quality metal made of special steel with increased corrosion resistance according to EN 12944 (category C5)
- Available in the variants PIR Wall Standard and PIR Wall CH as single-sided cover layer INOX

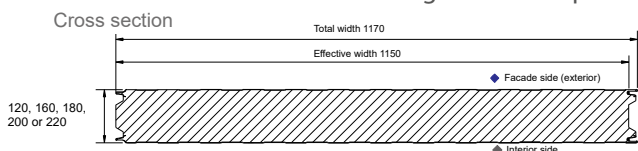
\*Corrosivity category according to PN-EN ISO 12944-2

[www.polmetal.de/pirtechkatalog](http://www.polmetal.de/pirtechkatalog)  
[www.polmetal.de/pirtechbroschuere](http://www.polmetal.de/pirtechbroschuere)

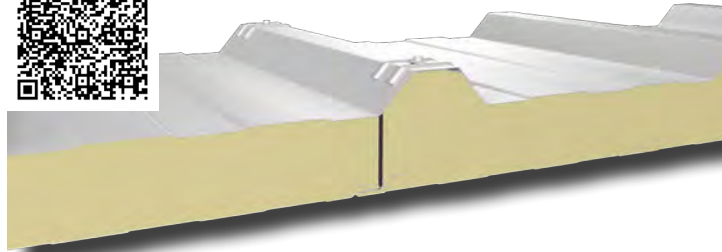


## PIRTECH

### PWS-PIR-CH Cold storage sandwich panel

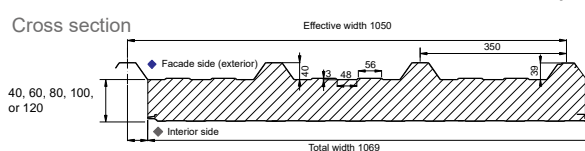


Core	Polyurethane PIR / (Polyisocyanurate)
Thickness of panels [mm]	120   160   180   200   220
Effective width [mm]	1150 mm
Total width [mm]	1169 mm
Weight of 1m2 [kg]	12.6   14.2   15.0   15.8   16.6
Minimal length of panel [rm]	2 rm
Maximum length of panel [rm]	16 rm* (depending on the colour)
External cladding thickness [mm]	0.50 - 0.70 mm
Internal cladding thickness [mm]	0.40 - 0.70 mm
$\lambda$ ratio [W/mK]	0.023
U ratio [W/mK]	0.18   0.14   0.12   0.11   0.10
Fire performance	B-s1,d0   B-s1,d0   B-s1,d0   B-s1,d0   B-s1,d0
Type of external profile	Trapezoidal - T, Micro-trapezoidal - M, Wave - F
Type of internal profile	Trapezoidal - T
Coatings	Standard Polyester 25 $\mu$ m, Matt Coarse 35 $\mu$ m, PURLAK 50 $\mu$ m, PURMAT 50 $\mu$ m
EU Standard	Approval: Abz/Abg Z-10.49-861 + CE - EN 14509



## PIRTECH

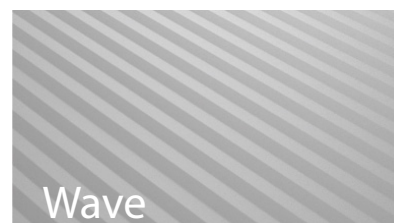
### PWD-PIR Roof sandwich panel



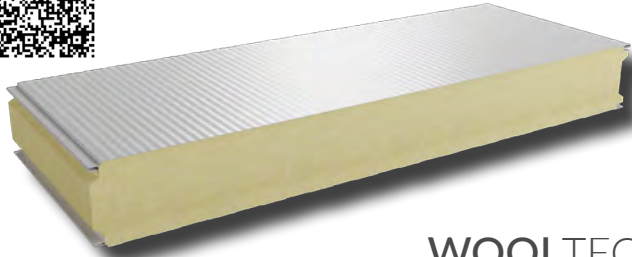
Core	Polyurethane PIR / (Polyisocyanurate)
Thickness of panels [mm]	40   60   80   100   120   160
Effective width [mm]	1050 mm
Total width [mm]	1069 mm
Weight of 1m2 [kg]	9.4   10.2   11.0   11.8   12.6   14.2
Minimal length of panel [rm]	2 rm
Maximum length of panel [rm]	16 rm* (depending on the colour)
External cladding thickness [mm]	0.50 - 0.70 mm
Internal cladding thickness [mm]	0.40 - 0.70 mm
$\lambda$ ratio [W/mK]	0.023
U ratio [W/mK]	0.53   0.37   0.28   0.22   0.18   0.14
Fire performance	B-s2,d0   B-s2,d0   B-s2,d0   B-s2,d0   B-s1,d0   B-s1,d0
Type of external profile	Trapezoidal profile 40.5 mm
Type of internal profile	Trapezoidal - T
Coatings	Standard Polyester 25 $\mu$ m, Matt Coarse 35 $\mu$ m, PURLAK 50 $\mu$ m, PURMAT 50 $\mu$ m
Roof slope [°C]	Minimum roof pitch (recommended) 5°, or 7° with roof openings
Mechanic cutting	50, 100, 150, 200, 250 mm max. 300 mm The sandwich panel has a sheet length dimension. The core is shortened around the back cut.
EU Standard	Approval: Abz/Abg Z-10.49-861 + CE - EN 14509

**Maximum permissible sandwich panel length:**

Colour group	Colour	Roof	Wall
very bright	RAL 9010, RAL 9002	Max 16 m	Max 16 m
bright	RAL 1002, RAL 1021, RAL 7000, RAL 7035, RAL 9006	Max 15 m	Max 12 m
dark	RAL 3005, RAL 3016, RAL 8017, RAL 8004, RAL 7016, RAL 7024, RAL 5010, RAL 6005, RAL 6029, RAL 9007, RAL 9005, RR028	Max 12 m	Max 9 m

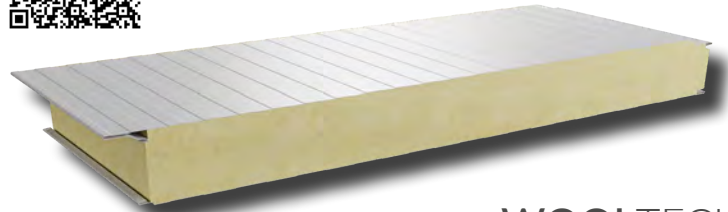
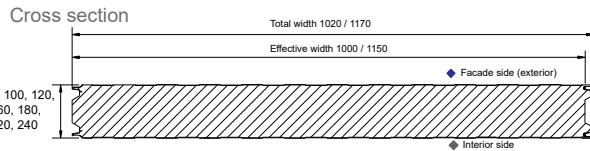


Profiling



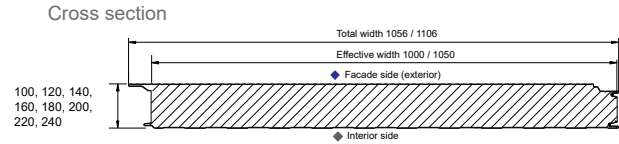
## WOOLTECH

PWS2-MW-ST Wall sandwich panel Standard



## WOOLTECH

PWS2-MW-PL Wall sandwich panel PLUS



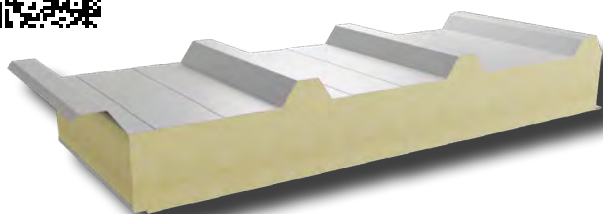
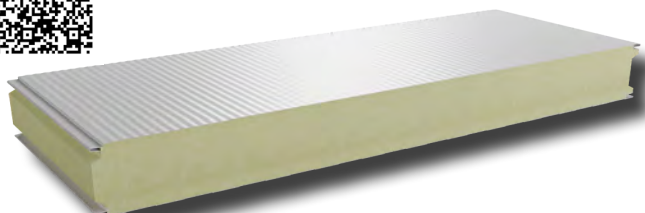
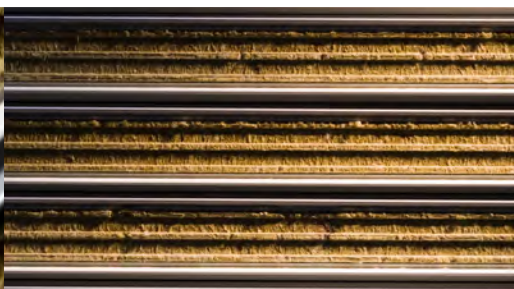
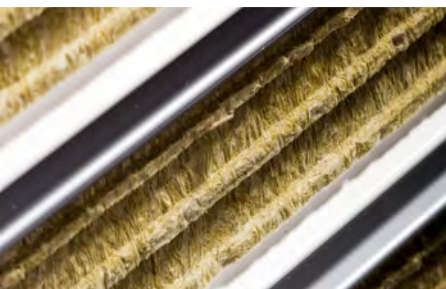
Core	Mineral wool 115 kg/m <sup>3</sup>
Thickness of panels [mm]	60   80   100   120   140   160   180   200   220   240
Effective width [mm]	1000 mm   1150 mm
Total width [mm]	1020 mm   1170 mm
Weight of 1m <sup>2</sup> [kg]	14.75   17.05   19.35   21.65   23.95   26.25   28.55   30.85 33.15   35.45
Minimal length of panel [rm]	2.5 rm
Maximum length of panel [rm]	18 rm* (depending on the colour)
External cladding thickness [mm]	0.50 - 0.70 mm
Internal cladding thickness [mm]	0.40 - 0.70 mm
λ ratio [W/mK]	0.041
U ratio [W/mK]	NPD   NPD   0.39   0.33   0.29   0.25   0.22   0.2   0.18   0.17
Fire performance	A2-s1, d0
Type of external profile	trapezoidal -T, micro-trapezoidal - M, wave - F, nano-wave - N
Type of internal profile	trapezoidal -T, flat-P
Coatings	Standard Polyester 25µm, Polyester Matt Coarse 35µm, PURLAK® 50µm, PURMAT® 50µm, Aluzinc
EU Standard	EN 14509

Core	Mineral wool 115 kg/m <sup>3</sup>
Thickness of panels [mm]	100   120   140   160   180   200   220   240
Effective width [mm]	1000 mm   1050 mm
Total width [mm]	1056 mm   1106 mm
Weight of 1m <sup>2</sup> [kg]	20.05   22.9   25.3   27.7   30.1   32.5   34.9   37.3
Minimal length of panel [rm]	2.5 rm
Maximum length of panel [rm]	18 rm* (depending on the colour)
External cladding thickness [mm]	0.50 - 0.70 mm
Internal cladding thickness [mm]	0.40 - 0.70 mm
λ ratio [W/mK]	0.041
U ratio [W/mK]	0.40   0.34   0.29   0.25   0.23   0.2   0.19   0.17
Fire performance	A2-s1, d0
Type of external profile	trapezoidal -T, micro-trapezoidal - M, wave - F, nanowave - N
Type of internal profile	trapezoidal -T, flat-P
Coatings	Standard Polyester 25µm, Polyester Matt Coarse 35µm, PURLAK® 50µm, PURMAT® 50µm
EU Standard	EN 14509



**Maximum permissible sandwich panel length:**

Colour group	Colour	Roof	Wall
very bright	RAL 9010, RAL 9002	Max 18 m	Max 18 m
bright	RAL 1002, RAL 1021, RAL 7000, RAL 7035, RAL 9006	Max 12 m	Max 12 m
dark	RAL 3005, RAL 3016, RAL 8017, RAL 8004, RAL 7016, RAL 7024, RAL 5010, RAL 6005, RAL 6029, RAL 9007, RAL 9005, RR028	Max 9 m	Max 9 m



## WOOLTECH

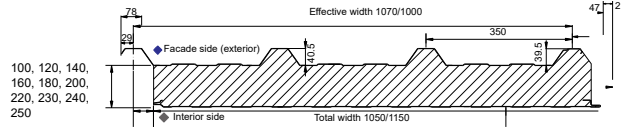
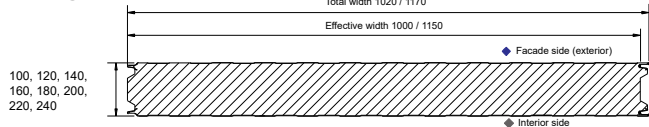
## WOOLTECH

### PWS2-MW-EKO Wall sandwich panel ECO

### PWD2-MW Roof

Cross section

Cross section

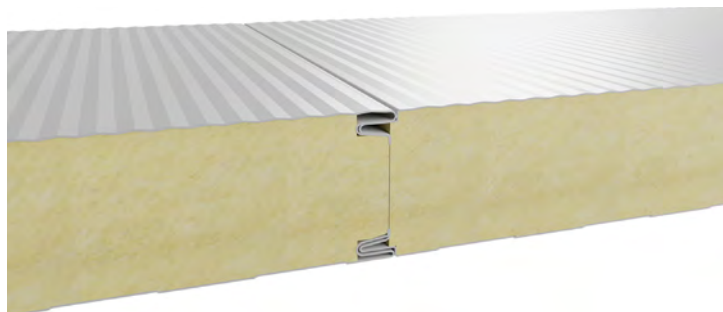


100, 120, 140,  
160, 180, 200,  
220, 230, 240,  
250

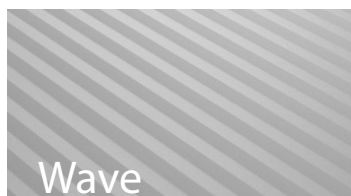
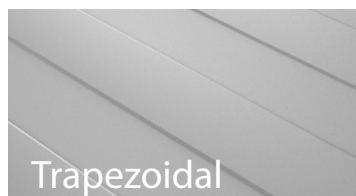
100, 120, 140,  
160, 180, 200,  
220, 230, 240,  
250

Core	Mineral wool 80 kg/m <sup>3</sup>
Thickness of panels [mm]	100   120   140   160   180   200   220   240
Effective width [mm]	1000 mm   1150 mm
Total width [mm]	1020 mm   1170 mm
Weight of 1m <sup>2</sup> [kg]	15.85   17.45   19.05   20.65   22.25   23.85   25.45   27.05
Minimal length of panel [rm]	2 rm
Maximum length of panel [rm]	18 rm* (depending on the colour)
External cladding thickness [mm]	0.50 - 0.70 mm
Internal cladding thickness [mm]	0.40 - 0.70 mm
Type of external profile	trapezoidal -T, micro-trapezoidal - M, wave - F, nanowave - N
Type of internal profile	trapezoidal -T, flat-P
Coatings	Standard Polyester 25µm, Polyester Matt Coarse 35µm, PURLAK® 50µm, PURMAT® 50µm, Aluzinc
EU Standard	EN 14509

Kern	Mineral wool 115 kg/m <sup>3</sup>
Thickness of panels [mm]	100   120   140   160   180   200   230   240   250
Effective width [mm]	1070   1000 mm
Total width [mm]	1150   1050 mm
Weight of 1m <sup>2</sup> [kg]	21.6   24   26.4   28.8   31.2   33.6   37.2   38.4   39.6
Minimal length of panel [rm]	2 rm
Maximum length of panel [rm]	18 rm* (depending on the colour)
External cladding thickness [mm]	0.50 - 0.70 mm
Internal cladding thickness [mm]	0.40 - 0.70 mm
λ ratio [W/mK]	0.041
U ratio [W/mK]	0.39   0.33   0.28   0.25   0.22   0.20   0.18   0.16
Fire performance	A2-s1, d0
Type of external profile	trapezoidal -T
Type of internal profile	trapezoidal -T
Coatings	Standard Polyester 25µm, Polyester Matt Coarse 35µm, PURLAK® 50µm, PURMAT® 50µm, Aluzinc
Roof slope [°C]	Minimum roof pitch (recommended) 5°, or 7° with roof openings
Mechanic cutting	50, 100, 150, 200, 250 mm max. 300 mm Mineral wool-free zone, laying direction from left to right or from right to left. The core is cut in with a water jet up to the outer shell.
EU Standard	EN 14509

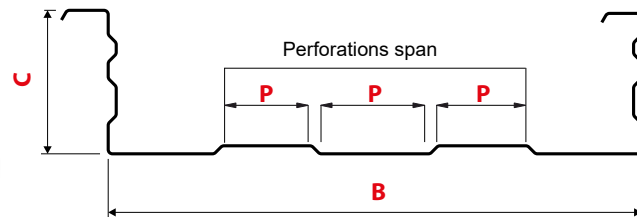
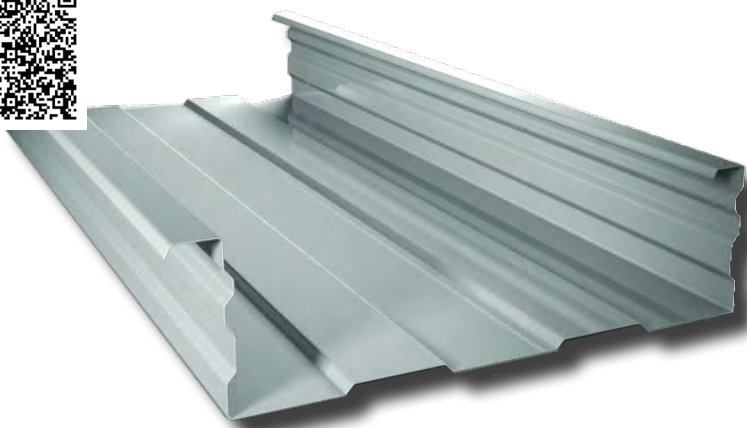


### Profiling



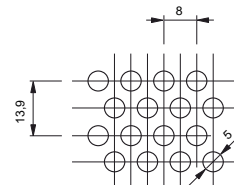


## Coffers 500 / 600 mm



**B** - Total width >> 500 mm >> 600 mm  
**C** - Total height >> 110-200 mm >> 110-200 mm  
**P** - Perforation width

Type of perforation Rv 5x8



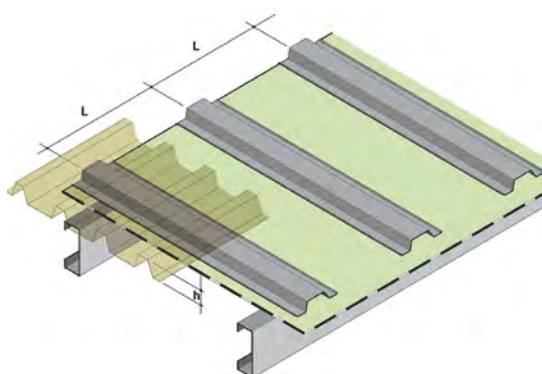
- Thickness** - from 0.70 to 1,5 mm
- Colour** - according to RAL
- Coating** - Zinc, Aluzinc, Standard polyester
- Length** - minimum coffer length 1.5 m

The wall coffer is an excellent material for fast facade insulation and roofing, mainly used in industrial and warehouse buildings. The whole structure is characterised by higher stiffness and tightness. The coffers are produced in two widths: 500 and 600 mm and in height from 110 to 200 mm.

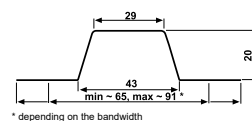
## Omega sections

Cold-rolled omega-type sections manufactured from galvanised tape. Our offer includes patches with three heights and thicknesses of core between 0.7 and 1.00 mm. Such a range of dimensions allows for applying them in various types of structures.

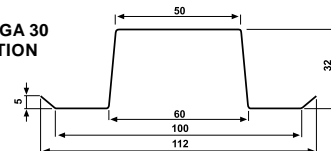
- Advantages
- high rigidity and strength
  - durability and indestructibility
  - low structural weight
  - convenient and easy assembly



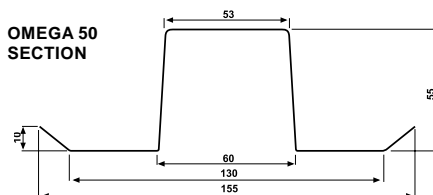
OMEGA 20 SECTION



OMEGA 30 SECTION



OMEGA 50 SECTION

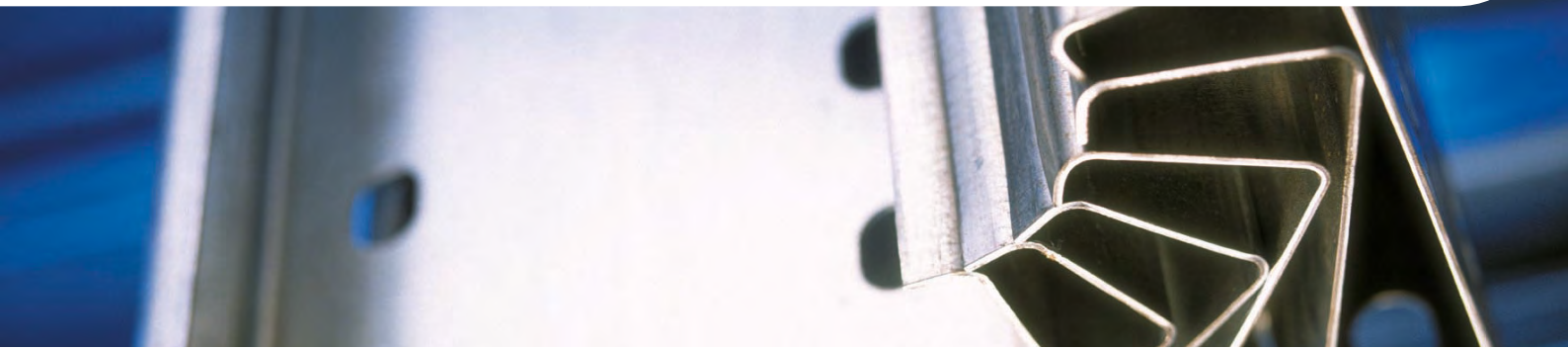


Versions are possible in other dimensions up to 6 m long.

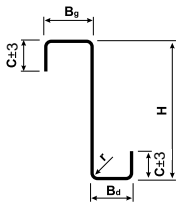
Thickness - 0,7-1,0  
 Coating - organic  
 Lengths - 0.5 to 6 m

Material  
 Double-sided hot-dipped galvanised steel, grade S280 GD or S350 GD.





## Z, C, Σ Profiles



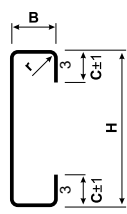
Σ, Z, C are manufactured from cold rolled steel. Their stiffness and strength parameters allow for wide applications in load-bearing structures. Among the most typical use of such profiles are the following:

- structural of casing and partition walls
- laying of floor beams and eaves
- wall beams
- roof purlins

These sections are supplemental to the lightweight construction system and claddings for industrial, commercial and service buildings.



PROFILES Z						
	Sheet thickness mm	Weight kg/m	H mm	Bd mm	Bg mm	C mm
Z 100	1.50	2,64	100	48	53	18
	2,00	3,52	100	48	53	19
	2,50	4,40	100	48	55	19
	3,00	5,28	100	48	55	18
Z 100	1.50	3,00	100	60	68	19
	2,00	4,00	100	60	68	20
	2,50	5,00	100	60	68	19
	3,00	6,00	100	60	68	20
Z 150	1.50	3,24	150	48	53	18
	2,00	4,32	150	48	53	19
	2,50	5,40	150	48	55	18
	3,00	6,48	150	48	55	19
Z 150	1.50	3,60	150	60	68	19
	2,00	4,80	150	60	68	20
	2,50	6,00	150	60	68	19
	3,00	7,20	150	60	68	20
Z 180	1.50	3,96	180	60	68	19
	2,00	5,28	180	60	68	20
	2,50	6,60	180	60	68	19
	3,00	7,92	180	60	68	20
Z 200	1.50	3,84	200	48	53	18
	2,00	5,12	200	48	53	18
	2,50	6,40	200	48	55	18
	3,00	7,68	200	48	55	18
Z 200	1.50	4,20	200	60	68	19
	2,00	5,60	200	60	68	20
	2,50	7,00	200	60	68	19
	3,00	8,40	200	60	68	20
Z 250	1.50	4,80	250	60	68	19
	2,00	6,40	250	60	68	20
	2,50	8,00	250	60	68	19
	3,00	9,60	250	60	68	19
Z 250	1.50	4,97	250	65	75	20
	2,00	6,62	250	65	75	20
	2,50	8,24	250	65	75	20
	3,00	9,89	250	65	75	21
Z 300	1.50	5,69	300	65	75	20
	2,00	7,58	300	65	75	20
	2,50	9,32	300	65	75	21
	3,00	11,18	300	65	75	20
Z 350	1.50	6,24	350	65	75	24
	2,00	8,32	350	65	75	24
	2,50	10,40	350	65	75	24
	3,00	12,48	350	65	75	24
Z 350	1.50	6,48	400	75	75	24
	2,00	8,64	400	75	75	24
	2,50	10,80	400	75	75	24
	3,00	12,96	400	75	75	24
Z 400	1.50	6,79	350	65	85	23
	2,00	9,06	350	65	85	23
	2,50	11,32	350	65	85	23
	3,00	14,16	350	65	85	23
Z 400	1.50	7,08	400	75	85	23
	2,00	9,44	400	75	85	23
	2,50	11,80	400	75	85	23
	3,00	14,16	400	75	85	23



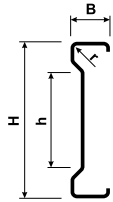
PROFILES C					
	Sheet thickness mm	Weight kg/m	H mm	B mm	C mm
C 100	1.50	2,64	100	48	17
	2,00	3,52	100	48	18
	2,50	4,36	100	48	18
	3,00	5,23	100	48	19
C 100	1.50	2,88	100	60	18
	2,00	3,84	100	60	19
	2,50	4,76	100	60	18
	3,00	5,71	100	60	19
C 150	1.50	3,24	150	48	17
	2,00	4,32	150	48	18
	2,50	5,36	150	48	18
	3,00	6,43	150	48	19
C 150	1.50	3,60	150	60	18
	2,00	4,80	150	60	19
	2,50	5,96	150	60	18
	3,00	7,15	150	60	19
C 200	1.50	3,84	200	48	17
	2,00	5,12	200	48	18
	2,50	6,36	200	48	18
	3,00	7,63	200	48	19
C 200	1.50	4,20	200	60	21
	2,00	5,60	200	60	22
	2,50	6,96	200	60	21
	3,00	8,35	200	60	22
C 250	1.50	4,50	250	48	17
	2,00	6,00	250	48	18
	2,50	7,40	250	48	18
	3,00	8,88	250	48	19
C 250	1.50	4,80	250	60	21
	2,00	6,40	250	60	22
	2,50	7,96	250	60	21
	3,00	9,55	250	60	22
C 300	1.50	5,02	300	48	17
	2,00	6,69	300	48	18
	2,50	8,28	300	48	18
	3,00	9,94	300	48	19
C 300	1.50	5,33	300	60	21
	2,00	7,10	300	60	21
	2,50	8,72	300	60	21
	3,00	10,46	300	60	22
C 350	1.50	6,26	350	75	20
	2,00	8,35	350	75	20
	2,50	10,40	350	75	20
	3,00	12,48	350	75	20
C 400	1.50	11,32	400	75	20
	2,00	15,08	400	75	20
	2,50	18,84	400	75	20
	3,00	22,60	400	75	20

### Openings

Z, C, Σ sections may have assembly openings (Ø 14 mm, Ø 18 mm, bean-shaped 19x25 mm). This allows for easier assembly with screws or rivets. Because of the possibility to disassemble the structural and its reuse, it is recommended to use screws.

### Material

Galvanised steel tape (grade S280 GD or S350 GD), from 1.50 to 3.00 mm thick. Depending on their use and requirements, sections do not need any additional protection (although they can be powder coated).



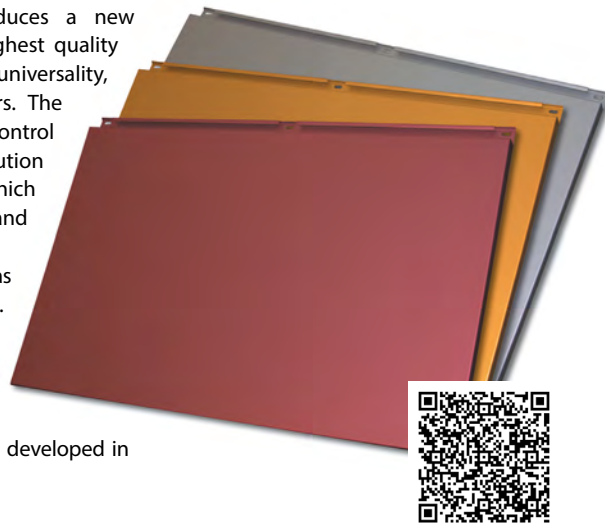
PROFILES Σ					
	Sheet thickness mm	Weight kg/m	H mm	h mm	B mm
Σ 140	1.50	3,84	140	30	70
	2,00	5,12	140	30	70
	2,50	6,24	140	30	70
	3,00	7,49	140	30	70
Σ 170	1.50	4,20	170	60	70
	2,00	5,60	170	60	70
	2,50	6,84	170	60	70
	3,00	8,21	170	60	70
Σ 200	1.50	4,56	200	90	70
	2,00	6,08	200	90	70
	2,50	7,44	200	90	70
	3,00	8,93	200	90	70
Σ 230	1.50	4,96	230	120	70
	2,00	6,56	230	120	70
	2,50	8,04	230	120	70
	3,00	9,65	230	120	70
Σ 260	1.50	5,28	260	150	70
	2,00	7,04	260	150	70
	2,50	8,64	260	150	70
	3,00	10,37	260	150	70
Σ 300	1.50	5,76	300	190	70
	2,00	7,68	300	190	70
	2,50	9,44	300	190	70
	3,00	11,33	300	190	70
Σ 350	1.50	6,36	350	240	70
	2,00	8,48	350	240	70
	2,50	10,44	350	240	70
	3,00	12,53	350	240	70



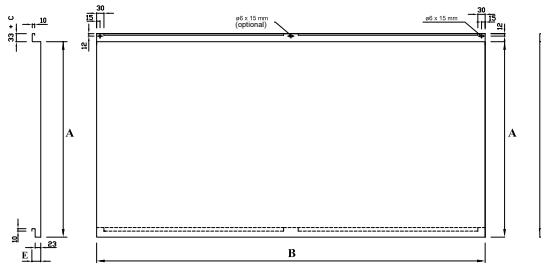
## Facade coffers

The aesthetics and functionality as well as the strength of the building materials used are of great importance for every building project. Thanks to the use of more and more modern products with higher strength and utility values, it is possible to freely design buildings. Polmetal Pruszyński introduces a new structural system, which meets the highest quality requirements and is characterised by universality, a great variety of shapes and colours. The manufacturing process and the quality control system ensure the high accuracy of execution and exact dimensional compliance, which significantly improves the accuracy and simplicity of installation. The facade coffer system is designed as a standard for horizontal installation. Galvanised, coated sheets with a thickness of 1 mm to 1.5 mm or aluminium sheet with a thickness of 1.5 mm are used as the manufacturing material. The fastening system has been developed in

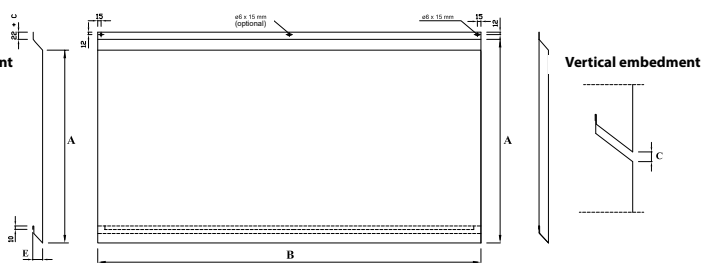
such a way as to ensure the simplest and quickest possible assembly while maintaining the strength and tightness of the connections between the elements.



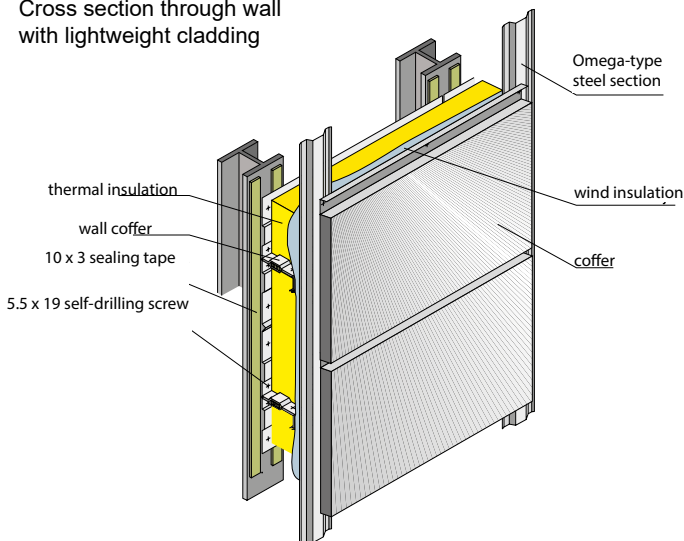
COFFER K-1/Ω



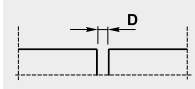
COFFER K-2/Ω



Cross section through wall with lightweight cladding



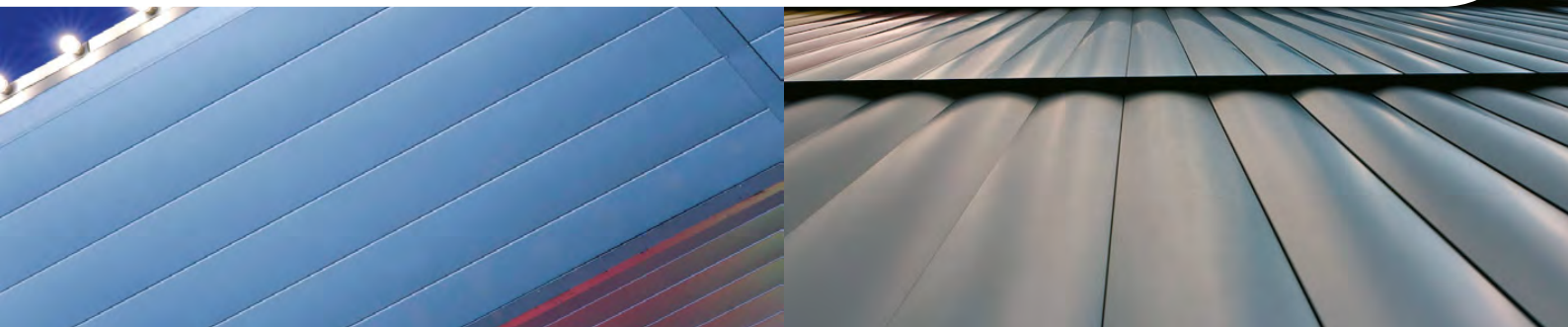
Horizontal embedment



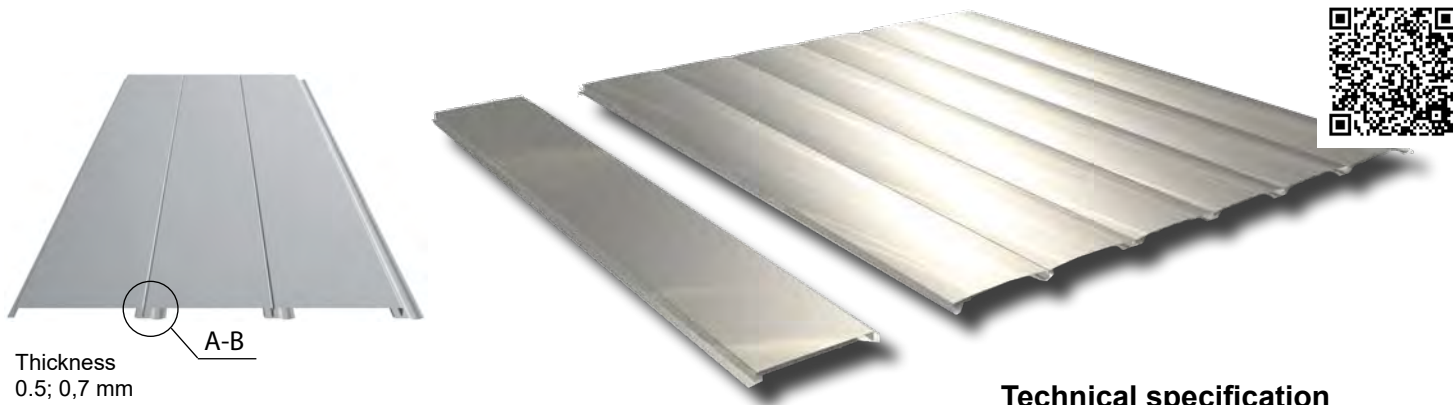
Dimension type

thickness/ material	A		B		C		D		E	
	min	max	min	max	min	max	min	max	min	max
<b>steel</b>										
1,00	265	600	500	2400	0	50*	according to project		35	50*
1,20	265	800	500	2600	0	50*			35	50*
1,25	265	800	500	2600	0	50*			35	50*
1,50	265	1000	500	2800	0	50*			35	50*
<b>aluminium</b>										
1,20	265	600	500	2400	0	50*	according to project		35	50*

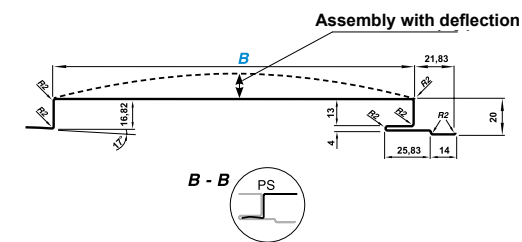
\* An increase in the maximum dimensions is possible after consultation.



**Panel**



Thickness  
0.5; 0.7 mm



B -  
Total width

PS: 155 / 215 / 315  
PS: 215 / 315

**Technical specification**

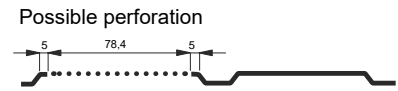
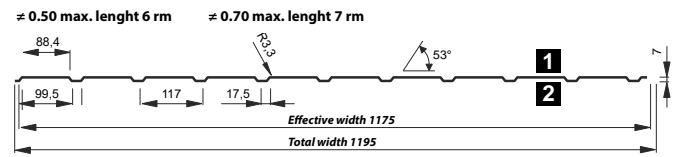
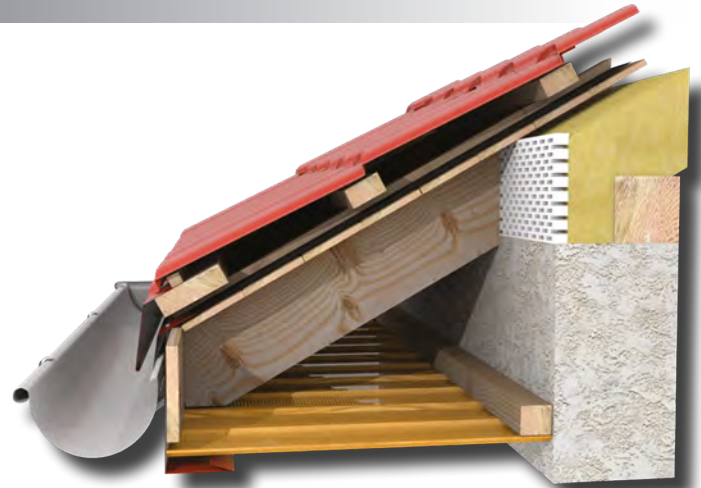
Sheet thickness	0.5   0.7 mm
Effective width	215   315 mm
Panel length (min)	500 mm
Panel length (max)	8000 mm
Coating	Standard Polyester 25µm, Polyester Matt Coarse 35µm, PURLAK® 50µm, PUR-MAT® 50µm
Colour palette	Manufacturer's colour card



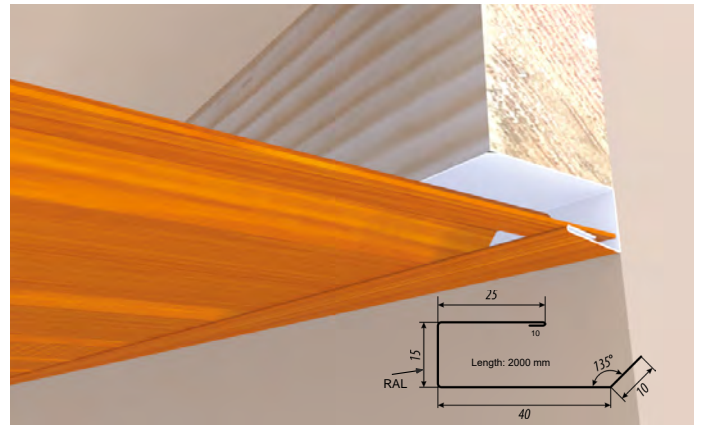
# Perforated soffit T7

The T7 soffit guarantees good ventilation of the roof insulation thanks to the perforation of 500 cm<sup>2</sup> per 1 m<sup>2</sup>.

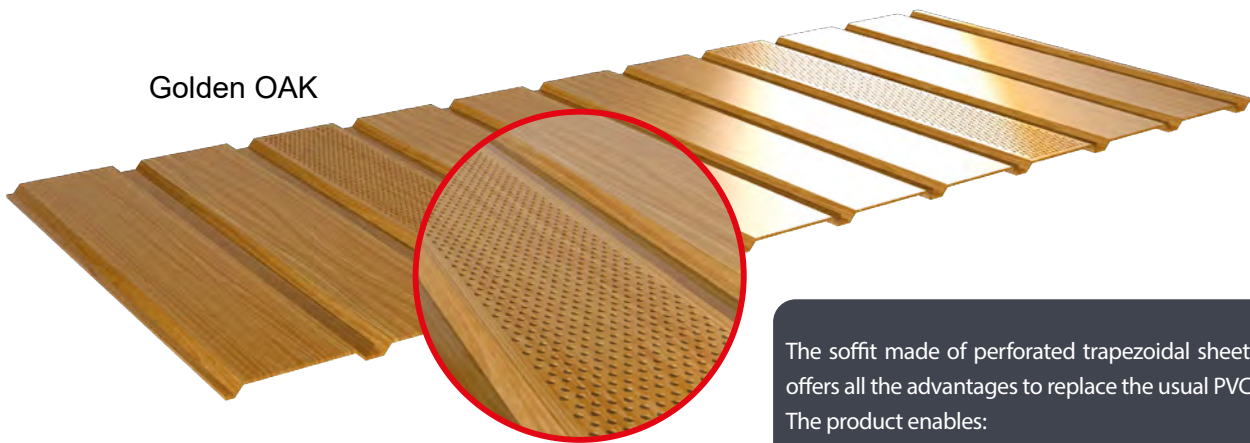
The correct application of the perforated T7 soffit contributes to low moisture levels in the insulation material, which leads to a significant reduction of the building's maintenance costs. This is particularly important for roofs with felt roofing.



„J“ board



Golden OAK



O-GOLD	HAZEL
GOLDEN OAK	HAZEL
RAL 8017	RR 033
CHOCOLATE BROWN	BLACK

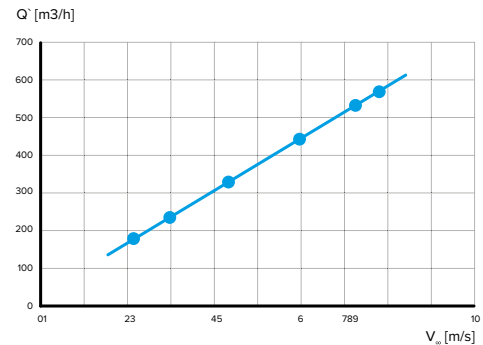
The soffit made of perforated trapezoidal sheet T7 is a solution that offers all the advantages to replace the usual PVC and wood soffits. The product enables:

- the possibility of perfect match with roof colour;
- better stiffness than plastic;
- resistance to ageing and discoloration;
- simple assembly



## CONDENSATE DRAIN

Unique condensate drainage channels are located on the lower part of the chimney.



## PERFECTED PERFORMANCE

Designed structure with maximum use of air exhaust when using a side outlet.



## SLIDING FLAP SYSTEM

0° - 55° - Adjustment of the angle of inclination to the roof surface. from 0° - 55°. Maintaining the verticality of the connection pipe entering through the roof, regardless of the roof pitch.

## SPIRIT LEVEL



Independent spirit level for positioning ventilation chimney.

## COLOURS



## PIPE SPIROFLEX



## ANTENNA PASSAGE



**Antenna passage:**  
Trapezoidal profiles, roof tile profiles, flat profiles  
RAL 3009, 6020, 7021, 7024, 8003, 8004, 8017, 8019, 9005

## SOLAR INSTALLATION FEEDTHROUGH



**Solar installation feedthrough:**  
Trapezoidal profiles, roof tile profiles, flat profiles  
RAL 3009, 6020, 7021, 7024, 8003, 8004, 8017, 8019, 9005

## MEMBRANE RING



## FLAT ROOF VENTILATOR



**Flat roof ventilator:**  
for roof panels:  
Standing seam, Szafir, Iryd, Iryd+  
RAL 7016, 7024, 8017, 6020, 8004, 9005

## SANITARY FAN



**Sanitary fan:**  
Standing seam, Szafir, Iryd, Iryd+, Optima, Modus, Arad  
RAL 3009, 6020, 7021, 7024, 8003, 8004, 8017, 8019, 9005



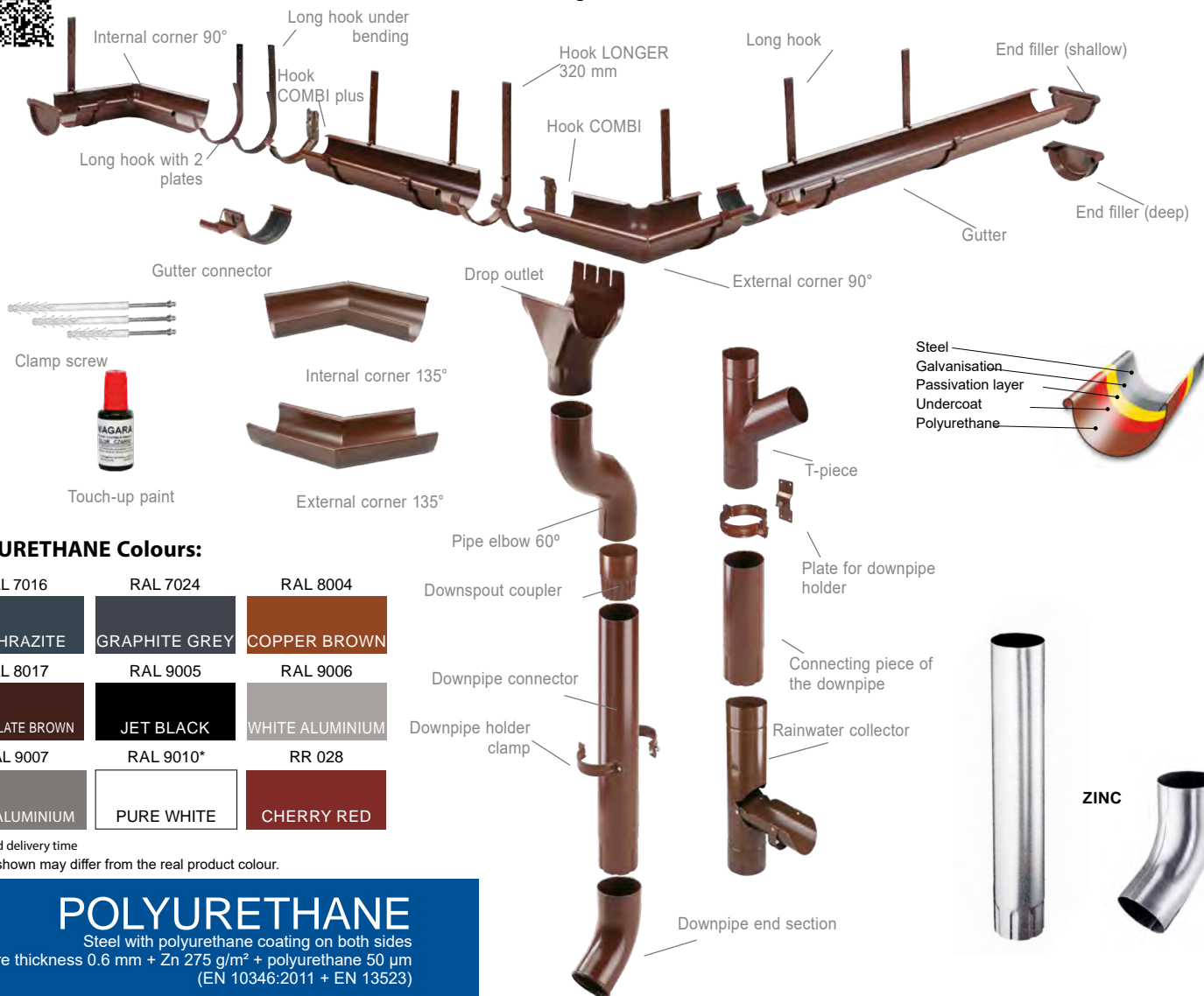
# Niagara gutter system



Shown in photo:  
Steel gutter system with polyurethane coating RAL 8017

## N/AGARA

METAL GUTTER SYSTEM



### POLYURETHANE Colours:

RAL 7016 ANTHRAZITE	RAL 7024 GRAPHITE GREY	RAL 8004 COPPER BROWN
RAL 8017 CHOCOLATE BROWN	RAL 9005 JET BLACK	RAL 9006 WHITE ALUMINIUM
RAL 9007 GREY ALUMINIUM	RAL 9010* PURE WHITE	RR 028 CHERRY RED

\* extended delivery time  
Colours shown may differ from the real product colour.

## POLYURETHANE

Steel with polyurethane coating on both sides  
core thickness 0.6 mm + Zn 275 g/m<sup>2</sup> + polyurethane 50 µm  
(EN 10346:2011 + EN 13523)

The Niagara metal gutter system was specially developed for easy installation and maximum water drainage. The galvanised sheet steel coated on both sides with polyurethane (50 µm) guarantees high weather resistance, as well as best corrosion and colour resistance compared to other coatings, e.g. the commonly used PLASTISOL.

### Gutter system Galvanised / Polyurethaned

Gutter/ Pipe	125/ 90	125/ 100	150/ 100	150/ 120	150/ 150	190/ 120	190/ 150
Parts/ Cutting width	7-part 285 mm	7-part 285 mm	6-part 333 mm	6-part 333 mm	6-part 333 mm	5-part 400 mm	5-part 400 mm
New naming	28er	28er	33er	33er	33er	40er	40er

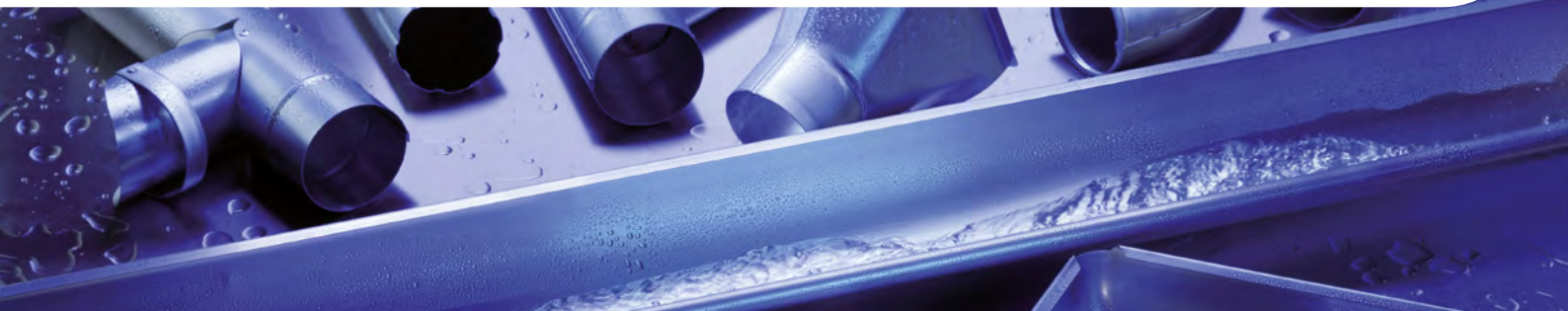
## ZINC

Galvanised steel on both sides  
Core thickness 0.6 mm + Zn 275 g/m<sup>2</sup>  
(EN 10346:2011)

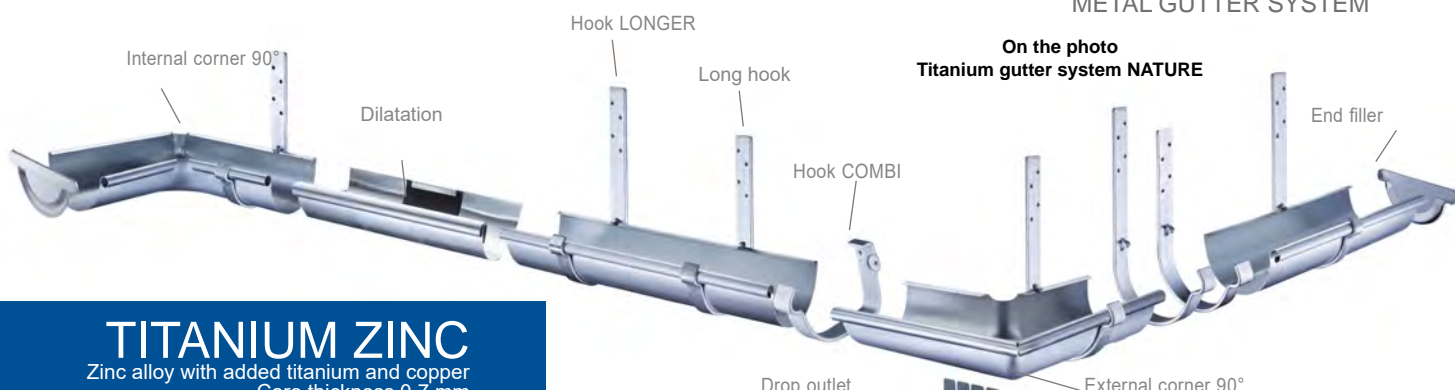
This system is not only characterised by the appreciated, positive features such as: easy assembly, highest quality and excellent compatibility of the elements, but also because of the fair pricing. In addition, the short delivery time is a significant advantage and offers flexibility.

### Gutter systems RAL 7016, 7024, 8004, 8017, 9005, 9006, 9007, RR 028, Zinc

Gutter length                      **3m**    **4m**    **5m**    **6m**    **7m**    **8m**    **9m**    **10m**



**NAGARA**  
METAL GUTTER SYSTEM



On the photo  
Titanium gutter system NATURE

**TITANIUM ZINC**

Zinc alloy with added titanium and copper  
Core thickness 0.7 mm  
(EN 988)

The system of titanium zinc gutters is offered by our company with a complete drainage system. It is used wherever both a classic, elegant appearance and above-average durability are desired. It is also used for the drainage of new buildings as well as for the restoration of older and historic properties.

- natural and with a metallic surface sheen that takes on a light grey matt patina over time due to external influences.

- patinated, with a matt grey surface that is chemically produced during the production process.

**TITANIUM ZINC gutter system**

Gutter/ Pipe	125/ 90	125/ 100	150/ 100	150/ 120	190/ 120
Parts/ Cutting width	7-part 285 mm	7-part 285 mm	6-part 333 mm	6-part 333 mm	5-part 400 mm
New naming	28er	28er	33er	33er	40er

**TITANIUM (Aluminium)**

Aluminium alloy with added titanium  
core thickness 0.7 mm + structured polyester 50µm  
(EN 1396 + EN 13523)

The product is made of a special aluminium alloy with a service life of more than 100 years. It is characterised by high strength and resistance to corrosion and salt. The complete system is perfect for areas that are exposed to heavy pollution/ environmental impact. These are, for example, regions by the sea or near forests. The low weight simplifies transport and installation. It is resistant to deformation and cracking. Installation is possible in the temperature range from -15° to 45° C.



TITANIUM ZINC  
NATURE

TITANIUM ZINC  
PATINA

TITANIUM  
RAL 9005



**TITANIUM Colours:**

RAL 7016 ANTHRAZITE	RAL 8017 CHOCOLATE BROWN
RAL 9005 JET BLACK	RAL 9006 WHITE ALUMINIUM

\*Colours shown may differ from the real product colour.

**ABOUT  
100 YEARS  
LIFETIME...**

**TITANIUM gutter system**

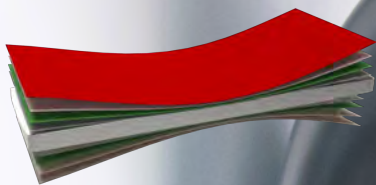
Gutter/ Pipe	125/ 90	125/ 100	150/ 100
Parts/ Cutting width	7-part 285 mm	7-part 285 mm	6-part 333 mm
New naming	28er	28er	33er

## POLYURETHANE

Steel with polyurethane coating on both sides, core thickness 0.6 mm + Zn 275 g/m<sup>2</sup> + polyurethane 50µm (EN 10346:2011 + EN 13523)

The Niagara metal gutter system was specially developed for easy installation and maximum water drainage. The galvanised sheet steel coated on both sides with polyurethane (50 µm) guarantees high weather resistance, as well as best corrosion and colour resistance compared to other coatings, e.g. the commonly used PLASTISOL.

**15 years guarantee**



1. plastic coating / polyurethane
2. primer layer
3. passivation/preservation layer
4. galvanisation 275g/m<sup>2</sup>
5. steel core
6. galvanisation 275g/m<sup>2</sup>
7. passivation/preservation layer
8. primer layer
9. plastic coating / polyurethane

**NIAGARA**  
Metal gutter sets

## ZINC

Steel galvanised on both sides  
Core thickness 0.6 mm + Zn 275 g/m<sup>2</sup>  
(EN 10346:2011)

This system is not only characterised by the appreciated, positive features such as: easy assembly, highest quality and excellent compatibility of the elements, but also because of the fair pricing. In addition, the short delivery time is a significant advantage and offers flexibility.

Eaves length	3m	4m	5m	6m	7m	8m	9m	10m
1. Gutter 125 mm POLIURETHANE ZINC	3m x 1	2m x 2 4m x 1	3m x 1 2m x 1 not available	3m x 2	4m x 1 3m x 1	4m x 2	3m x 3	4m x 2 2m x 1 3m x 2 4m x 1
2. Downpipe connector 90 mm	3m x 1	3m x 1	3m x 1	3m x 1	3m x 1	3m x 1	3m x 1	3m x 1
3. Drop outlet	1	1	1	1	1	1	1	1
4. Gutter connector POLIURETHANE ZINC	-	1 -	1	1	1	1	2	2
5.1 Hook COMBI* standard	5	6	8	10	12	14	15	17
5.2 Long hook* new 210 mm	5	6	8	10	12	14	15	17
6. End filler	2	2	2	2	2	2	2	2
7. Pipe elbow 60°	2	2	2	2	2	2	2	2
8. Downspout coupler	1	1	1	1	1	1	1	1
9. Downpipe holder clamp	2	2	2	2	2	2	2	2
10. Plate for downpipe holder	2	2	2	2	2	2	2	2
11. Screw 100 mm	2	2	2	2	2	2	2	2
12. Downpipe end section	1	1	1	1	1	1	1	1

\*Only 1 variant can be selected 5.1 or 5.2





2 Downpipe connector

1 Gutter

3 Drop outlet

6 End filler

4 Gutter connector

5.2 Long hook\*

8 Downspout coupler

5.1 Hook COMBI\* (standard)

10 Plate for downpipe holder

11 Clamp screw

9 Downpipe holder clamp

7 Pipe elbow 60°

12 Downpipe end section

COLOURS

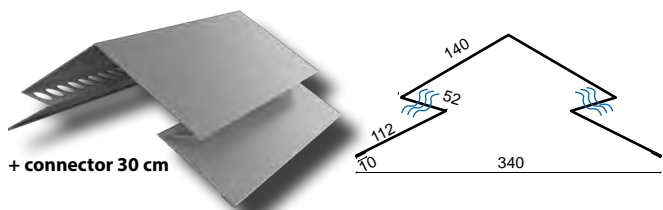
POLYURETHANE

Zn 275	RAL 9006	RAL 9007
ZINC	WHITE ALUMINIUM	GREY ALUMINIUM
RAL 8004	RR 028	RAL 8017
COPPER BROWN	CHERRY RED	CHOCOLATE BROWN
RAL 7024	RAL 7016	RAL 9005
GRAPHITE GREY	ANTHRAZITE	JET BLACK

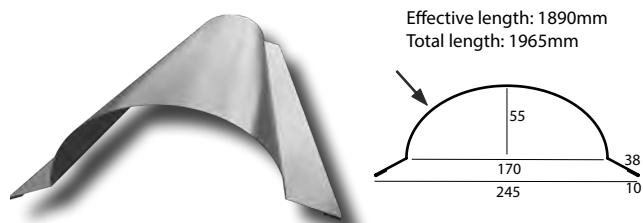
\*Colours shown may differ from the real product colour.

\*optional

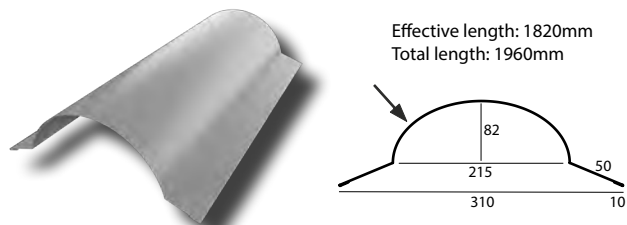
1. Ventilation ridge



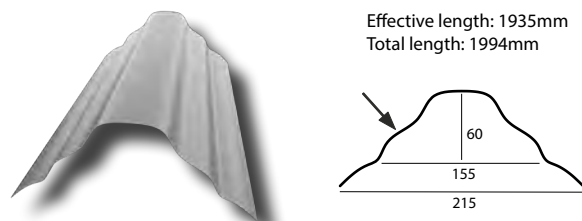
2. Round Ridge (small)



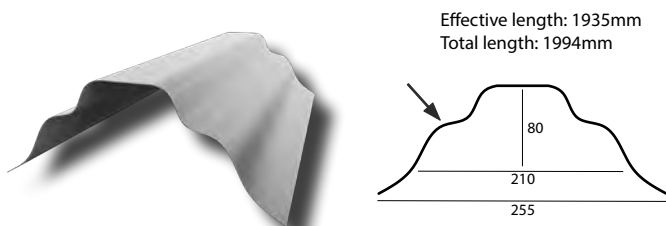
3. Round Ridge (large)



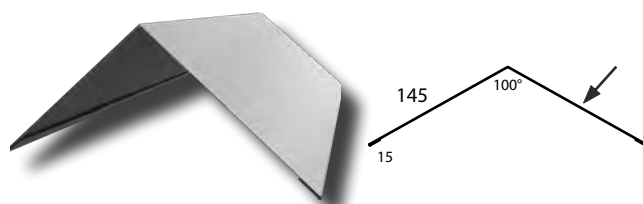
4. Omega Ridge (small)



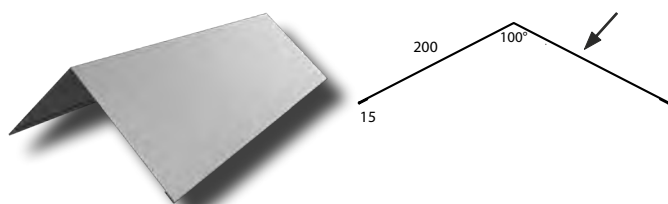
5. Omega Ridge (large)



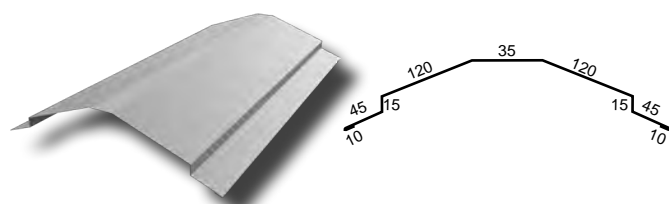
6. Straight Ridge (type 1)



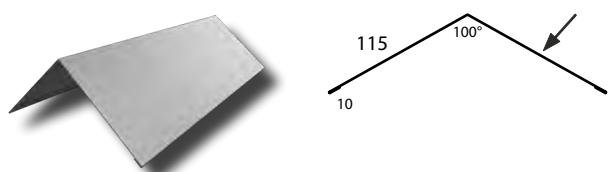
7. Straight Ridge (type 2)



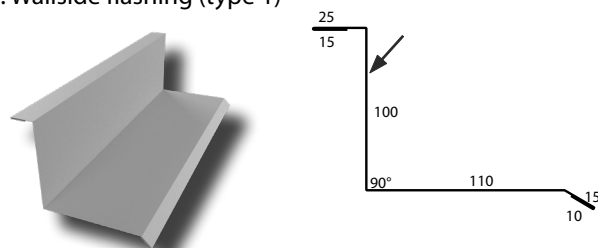
8. Straight Ridge (type 3)



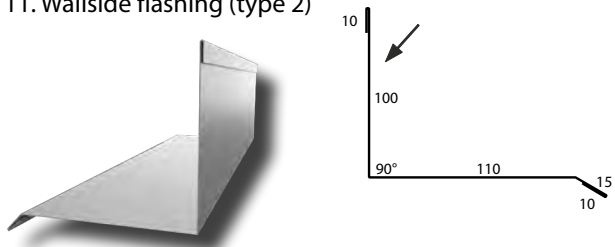
9. Straight Ridge (eco)



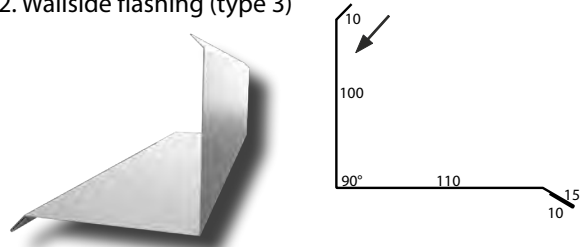
10. Wallside flashing (type 1)



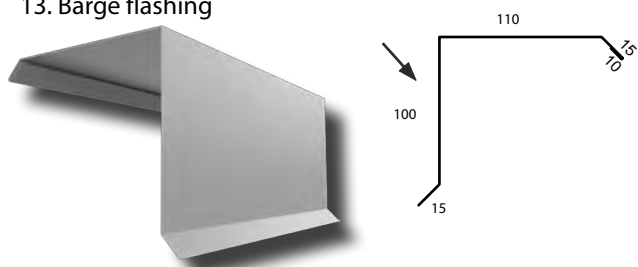
11. Wallside flashing (type 2)



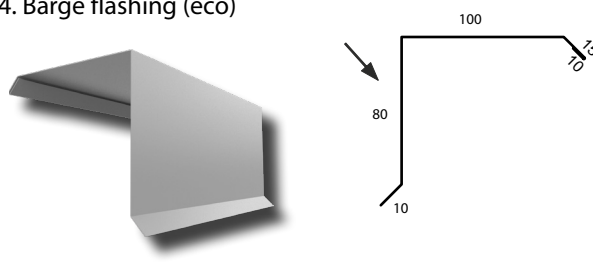
12. Wallside flashing (type 3)



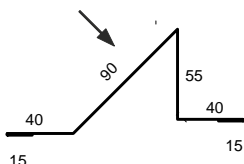
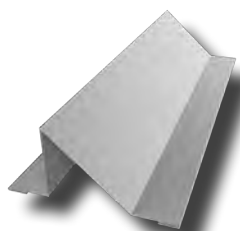
13. Barge flashing



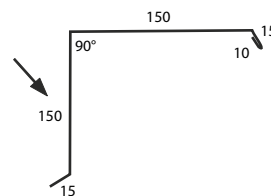
14. Barge flashing (eco)



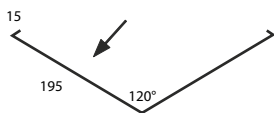
15. Snow barrier



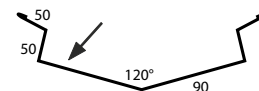
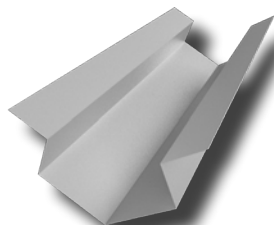
16. Barge flashing 150/150



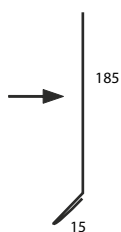
17. Box gutter



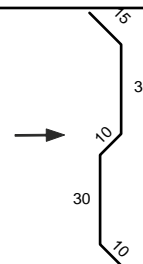
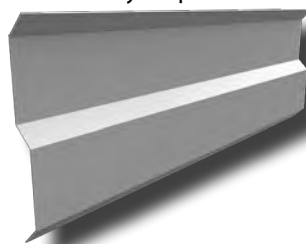
18. Deep box gutter



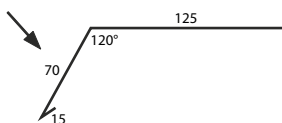
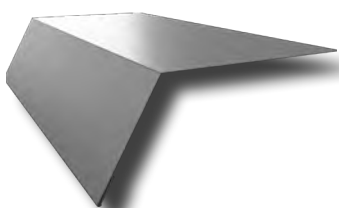
19. Verge barge flashing



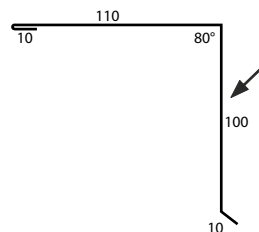
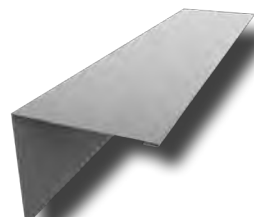
20. Chimney strip/- connection



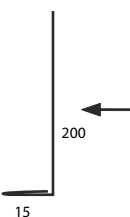
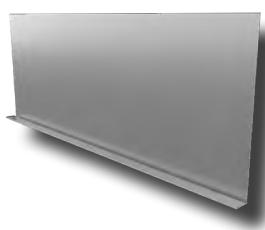
21. Upper eaves flashing



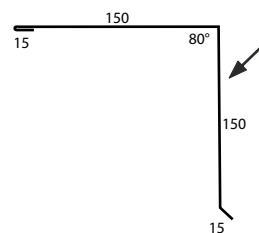
22. Pent roof ridge



23. Lower eaves flashing



24. Pent roof ridge 150/150

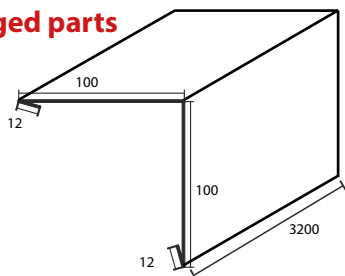


## VENTING STRIP STANDARD POLYESTER RAL 9006



50mm, 100mm, 150mm x 2000mm - thickness: 0.5mm / **Complete panel 1250 x 2000mm**

### Special-edged parts



The blanks of the special-edged parts are rounded up as follows:

- Width in each case upwards of 50 mm
- Length always to full metres min. 2m max. 6m.meters

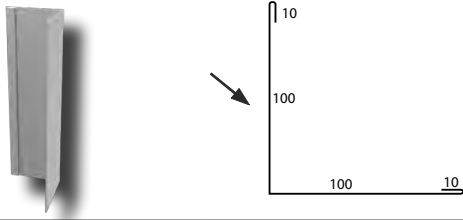
Calculation example:

$$BWidth = 12 + 100 + 100 + 12 = 224 = \mathbf{250\ mm}$$

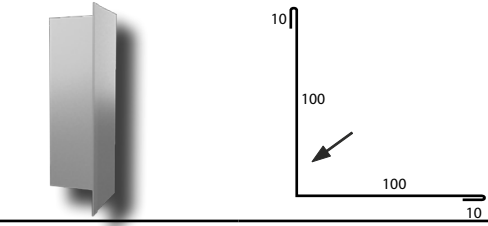
$$Length = 3200 = \mathbf{4000\ mm}$$

$$Surface\ area = 0.25 \times 4.00 = \mathbf{1m^2\ of\ special-edge\ part}$$

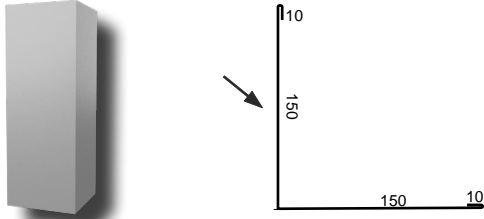
1. External corner 100x100



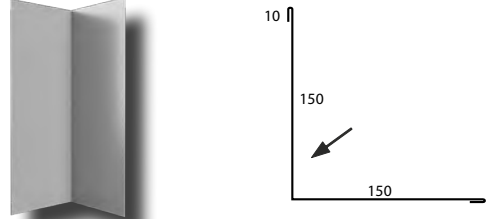
2. Internal corner 100x100



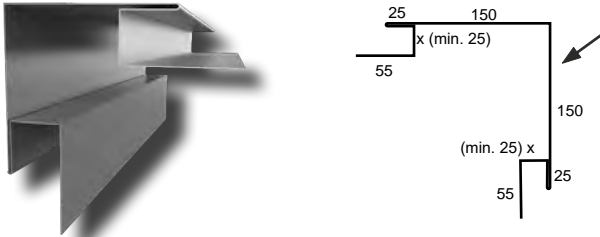
3. External corner 150x150



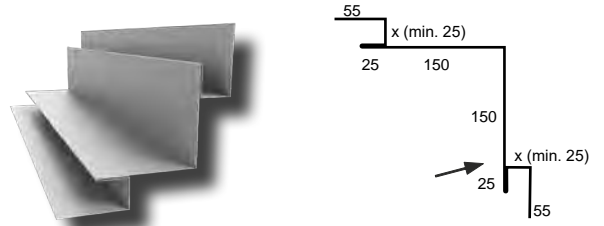
4. Internal corner 150x150



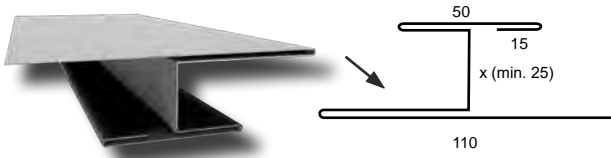
5. External corner Plus



6. Internal corner Plus



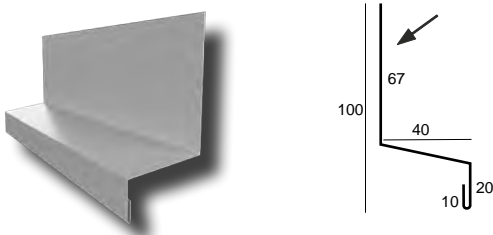
7. Divider bar



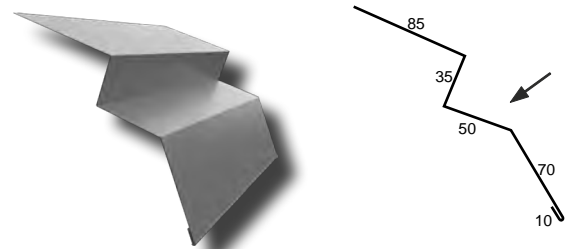
8. Drip edge flashing (small)



9. Drip edge flashing (large)

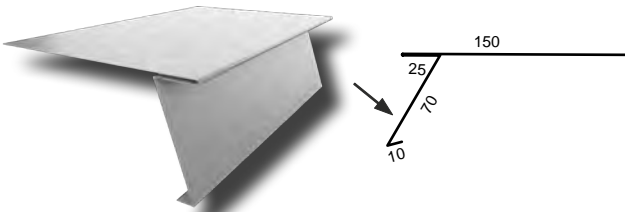


10. Starting profile IRYD

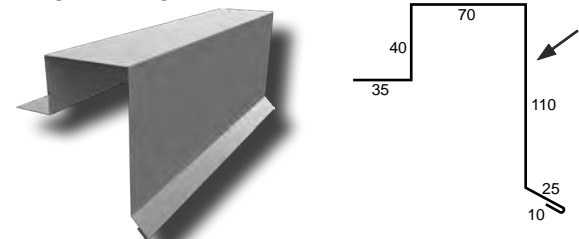


**Flashings for standing seam profile**

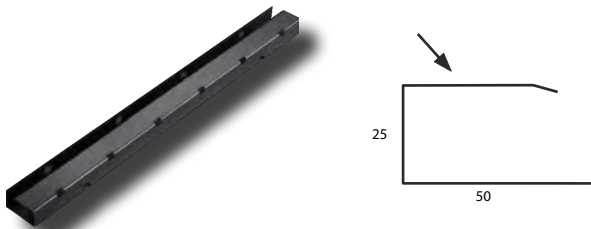
1. Starting profile



2. Barge flashing



3. Ridge strip 500 / 2000 mm (perforated only in RAL 7016)





## ROOF COMMUNICATION



**Steel roof communication\***

40, 60, 80, 100, 150, 200 cm

RAL 3004, 6020, 7016, 8004, 8012, 8017, 9005  
blank / galvanised



**Chimney sweep safety step (type 1)**

for roof tile profiles, trapezoidal profiles, and fastening material  
RAL 6005, 7016, 8004, 8017, 9005, blank



**Steel roof communication for roof panels\***

60 cm

RAL 3004, 6020, 7016, 8004, 8012, 8017, 9005  
blank / galvanised



**Chimney sweep safety step (type 2)**

for roof tile profiles, and trapezoidal profiles  
RAL 3004, 6020, 7016, 8004, 8012, 8017, 9005, blank

\*Walkway gratings and snow guards should be supported and fastened at a maximum of every 0.6 m. A set includes: walkway grating, holder, supports, and snow guard grating

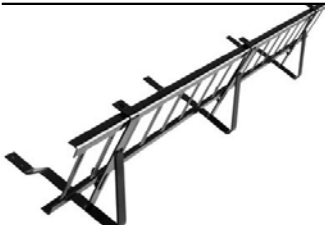


**Snow pipe system for roof panels\***

Aluminium tubes 30/2 mm  
Copper tubes 28/1.5 mm

RAL 3004, 6020, 7016, 8004, 8012, 8017, 9005  
blank / galvanised

## SNOW GUARD SYSTEMS



**Snow guard set\***

120, 200 cm

RAL 3004, 6020, 7016, 8004, 8012, 8017, 9005  
blank / galvanised



**Eaves comb with ventilation grille**

Height 65 mm, pc. 1 rm

RAL 8004, 8017, 9005

## TOUCH-UP PAINTS AND VARNISHES



**Touch-up paint**

Tube 25 ml  
Colours according to colour palette



**Anti-condensation varnish (ACRYL)**

1L / White



**Touch-up paint**

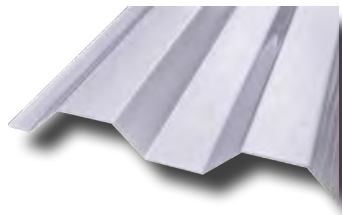
2 in 1 multifunctional pen  
Marker + brush 15 ml  
RR028, RR033, RR750, RAL1002, RAL1015, RAL1021, RAL3005, RAL6005, RAL7016, RAL7024, RAL8004, RAL8017, RAL9005



**Anti-condensation adhesive spray**

500ml

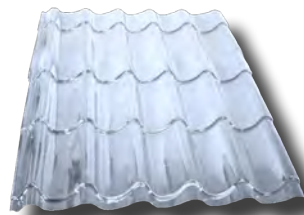
### Skylight panels



**Skylight panels for trapezoidal profiles**  
**T18DR, T20M**  
 0.50-7.00m cut to size

**T35DR, T35M**  
 0.50-7.00m cut to size  
 (accurate to the centimeter)  
 Material: PVC, crystal clear

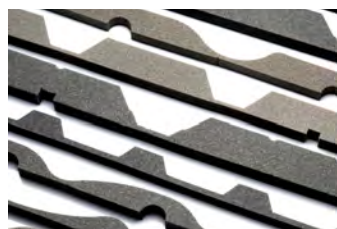
**T35E, T50P**  
 2,40 m fixed-length  
**Material: GFK**



**Skylight panels for roof tile profile**  
**SZAFIR**

Dimension 1190 mm x 1150 mm  
 3 complete module Length  
 1 mm polycarbonate

### Sealing systems

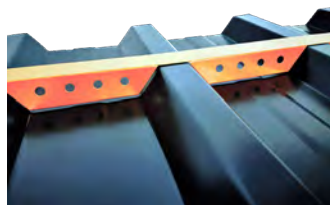


**Polyethylene profile filler (seal)**

Szafir, Ren, Optima, Gryf  
 Trapezoidal profiles - T18 to T160P

Sandwich panels

Universal seal 30 x 60 x 100 mm



**Toothed sheets**

Trapezoidal profiles  
 (Top/First, Bottom/Eaves, Set)

Sandwich profiles  
 (Top/First)

Aluzinc  
 Colours: RAL 8012, 9002, 6005, 7016



**Ridge tape**  
 Aluminium

230 mm x 5 rm  
 300 mm x 5 rm

RAL 3004, 7016, 8004, 8012, 8017, 9005



**Sealing tape**  
 Aluminium

300 mm x 5 rm

RAL 3011, 7021, 8004, 8012, 8017, 8019, 9005



**EPDM sealing**

Ø40-100, Ø75-160, Ø150-280

Larger diameters available on request



**Butyl tape**

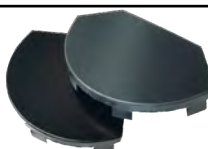
5 mm x 60 rm



**Underlay 135g/m2 diffusion roll**

Roof membrane 170g/m2  
 3-ply Strong

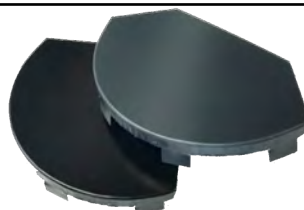
75m2 / roll



**End cover for Omega Ridge**  
 (Large / Small)



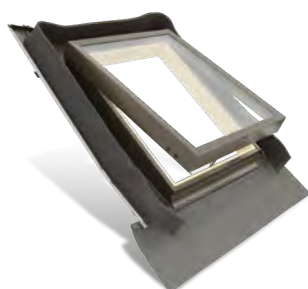
**Roofing silicone**



**End cover for Round Ridge**  
 (Large / Small)

### ROOF WINDOW

Size  
 450 x 730



The pine roof window is designed for rooms that are not utility rooms and for non-heated rooms. The integrated flange guarantees excellent tightness and easy installation in all types of roof coverings. The AURA roof hatch can be installed in roofs with an angle of inclination from 15°-60°.

	TYPE	SIZE	USAGE
	Deep groove Screws for wood UK	4.8 x 35mm	6-8 pc./m <sup>2</sup>
	High bead	4.8 x 60/80/100mm	4-6 pc./m <sup>2</sup>
	Screws for wood UK Premium (30 years guarantee) <small>RAL 6020, RAL 7024, RAL 8004 RAL 8017, RAL 9005, RAL 3009</small>	4.8 x 35mm	6-8 pc./m <sup>2</sup>
	Stainless steel screws for metal UK	4.8 x 20/35mm 6.5 x 50/ 65/80mm	6-8 pc./m <sup>2</sup> 4-6 pc./m <sup>2</sup>
		Overlap screws	4.8 x 20mm
	Screws for metal UK 5/12mm drilling force	5.5 x 32mm	6-8 pc./m <sup>2</sup>
	Stainless steel screws for metal UK	5.5 x 20 to 80mm	6-8 pc./m <sup>2</sup>
	TORX Overlap screws	4.8 x 20mm	4 pc./rm
	TORX screws for wood UK	4.8 x 35mm	6-8 pc./m <sup>2</sup>
	Flat head screws for standing seam	4,2 x 32mm	8-10 pc./ m <sup>2</sup>
	Screws for ISO panels	5.5/6.5 x 65 to 330mm	2-3 pc./m <sup>2</sup>
	Calottes for trapezoidal profiles, tile profiles, corrugated profiles, sandwich elements	Trapezprofile Wellprofile Dachpfannenprofile ISO Paneele	4-6 pc./m <sup>2</sup> 2-3 pc./m <sup>2</sup>
	Magnetic bit holder TORX		Magnetic bit holder Hexagon screw
	Step drill made of HSS steel		Stainless steel screws with spacer sleeve for skylight panels
			Elastic fastener of plastic plates

# Colour and coating table

1, 2, 3, 4, weeks delivery time

				ROOF TILE PROFILES (PANEL)							TRAPEZOIDAL PROFILE (CORRUGATED SHEET METAL FOR FACADES)						
Coating	Thick-ness (mm)	Colour tone Colours are approximate to the RAL table and may vary slightly	SZAFIR	OPTIMA MODUS REN	GRYF	TUR	REGLE IRYD IRYD+	KARO	stand-ing seam profile 510	BIBER-SCHWANZ	T7M, T18DR	T7P	T50P	T85, T94	SOFFIT T7	WALL PANEL P5155 P5215 P5315	
											T20M, T35DR, T35M T45/333M	T35E T40 T45P PF25	T55P T60P T92P	T130, T135P T140, T150 T155, T160 T200			
Steel core + Aluzinc 185g/m2	0.50	Aluzinc							3		1	2	2		4		
	0.63	Aluzinc									1	2	2		4		
	0.70	Aluzinc							3			2	2		4		
	0.75	Aluzinc									1	2	2		4		
Steel core + Wooden look	0.50	Golden oak	1	3	3	3			3		1	2	2		2	4	
	0.50	Hazel	3	3	3	3			3			2	2		2	4	
Steel core + Standard polyester 25µm 10 years of guarantee	0.50	RAL 1002	3	3	3	3			3			2	2		4	4	
	0.50	RAL 1015	3	3	3	3			3			2	2		4	4	
	0.50	RAL 1021	3	3	3	3			3			2	2		4	4	
	0.50	RAL 3005	1	2	3	3			3		1	2	2		4	4	
	0.50	RAL 3016	1	2	3	3			3		1	2	2		4	4	
	0.50	RAL 5010	1	3	3	3			3		1	2	2		4	4	
	0.50	RAL 6005	1	2	3	3			3		1	2	2		4	4	
	0.50	RAL 6011	Reseda green new	1								1	2	2		4	4
	0.50	RAL 6020	Chrome green	1	2	3	3			3		1	2	2		4	4
	0.50	RAL 6029	Mint green	3	3	3	3			3			2	2		4	4
	0.50	RAL 7000	Squirrel grey	1	3	3	3			3		1	2	2		4	4
	0.50	RAL 7016	Anthracite grey	1	2	3	3			3		1	2	2		4	4
	0.50	RAL 7024	Graphite grey	1	2	3	3			3		1	2	2		4	4
	0.50	RAL 7035	Light grey	1	3	3	3			3		1	2	2		4	4
	0.50	RAL 8004	Copper brown	1	2	3	3			3		1	2	2		4	4
	0.50	RAL 8012	Red brown	1	2	3	3			3		1	2	2		4	4
	0.50	RAL 8017	Chocolate brown	1	2	3	3			3		1	2	2		2	4
	0.50	RAL 9002	Grey white	1	3	3	3			3		1	2	2		4	4
	0.50	RAL 9005	Jet black	1	2	3	3			3		1	2	2		4	4
	0.50	RAL 9006	White aluminium	1	3	3	3			3		1	2	2		4	4
	0.50	RAL 9007	Grey aluminium	1	3	3	3			3		1	2	2		4	4
	0.50	RAL 9010	Pure white	1	3	3	3			3		1	2	2		4	4
	0.50	RAL 3011 (RR 028)	Brown red	1	2	3	3			3		1	2	2		4	4
	0.63	RAL 6005	Moss green									1	2	2		4	4
	0.63	RAL 7016	Anthracite grey									1	2	2		4	4
	0.63	RAL 8004	Copper brown									1	2	2		4	4
	0.63	RAL 8012	Red brown									1	2	2		4	4
	0.63	RAL 9002	Grey white									1	2	2		4	4
	0.70	RAL 1002	Sand yellow							3			2	2		4	4
	0.70	RAL 3011	Brown red							3			2	2		4	4
	0.70	RAL 3016	Coral red							3			2	2		4	4
	0.70	RAL 5010	Gentian blue							3			2	2		4	4
	0.70	RAL 6029	Mint green							3			2	2		4	4
	0.70	RAL 7016	Anthracite grey							3			2	2		4	4
	0.70	RAL 7035	Light grey							3			2	2		4	4
	0.70	RAL 8017	Chocolate brown							3			2	2		4	4
	0.70	RAL 9002	Grey white							3			2	2		4	4
	0.70	RAL 9006	White aluminium							3			2	2		4	4
	0.70	RAL 9007	Grey aluminium							3			2	2		4	4
	0.70	RAL 9010	Pure white							3			2	2		4	4
	0.75	RAL 3011 (RR 028)	Brown red neu									1	2	2		4	4
	0.75	RAL 6005	Moss green									1	2	2		4	4
0.75	RAL 6011	Reseda green neu									1	2	2		4	4	
0.75	RAL 6020	Chrome green neu									1	2	2		4	4	
0.75	RAL 7016	Anthracite grey									1	2	2		4	4	
0.75	RAL 8004	Copper brown									1	2	2		4	4	
0.75	RAL 8012	Red brown									1	2	2		4	4	
0.75	RAL 8017	Chocolate brown									1	2	2		4	4	
0.75	RAL 9002	Grey white									1	2	2		4	4	
0.75	RAL 9006	White aluminium									1	2	2		4	4	
0.75	RAL 9007	Grey aluminium new									1	2	2		4	4	
1.20	RAL 9006	White aluminium											2				
Steel core + Matt coarse-grained 25µm 10 years of guarantee	0.50	RAL 6005	Moss green	1							1	2	2		4	4	
	0.50	RAL 7016	Anthracite grey	1	2	3		2	3	3	1	2	2		4	4	
	0.50	RAL 8017	Chocolate brown	1	2	3		2	3	3	1	2	2		2	4	
	0.50	RAL 6020 (RR 011)	Chrome green	1	2	3	3	2	3	3	1	2	2		4	4	
	0.50	RAL 3011 (RR 028)	Brown red	1	2	3	3	2	3	3	1	2	2		4	4	
	0.50	RAL 9005 (RR 033)	Black	1	2	3		2	3	3	1	2	2		2	4	
Steel core + PURLAK 50µm 30 years of guarantee	0.50	RAL 8004 (RR 750)	Copper brown	1	2	3		2	3	3	1	2	2		4	4	
	0.50	RAL 7016	Anthracite grey	1	2	3	3	2	2	3	1	2	2		4	4	
	0.50	RAL 8004	Copper brown	1	2	3	3		3		1	2	2		4	4	
	0.50	RAL 8012	Red brown new	1							1	2	2		4	4	
	0.50	RAL 8017	Chocolate brown	1	2	3	3		3		1	2	2		4	4	
	0.50	RAL 9005	Jet black	1	2	3	3		3		1	2	2		4	4	
	0.50	RAL 3011 (RR 028)	Brown red	1	2	3	3		3		1	2	2		4	4	
	0.75	RAL 7016	Anthracite grey new									1	2	2		4	4
0.75	RAL 8012	Red brown new									1	2	2		4	4	
Steel core + PURMAT 50µm 30 years of guarantee	0.50	RAL 7016	Anthracite grey	1	2	3	3	2	2	3	1	2	2		4	4	
	0.50	RAL 8017	Chocolate brown	1	2	3	3	2	2	3	1	2	2		4	4	
	0.50	RAL 6020 (RR 011)	Chrome green	1	2	3	3	2	2	3	1	2	2		4	4	
	0.50	RAL 3011 (RR 028)	Brown red	1	2	3	3	2	2	3	1	2	2		4	4	
	0.50	RAL 9005 (RR 033)	Black	1	2	3	3	2	2	3	1	2	2		4	4	
0.50	RAL 8004 (RR 750)	Copper brown	1	2	3	3	2	2	3	1	2	2		4	4		
Aluminium core	0.70	Alu Nature new									1						
Aluminium core + Standard polyester 25µm	0.70	RAL 7016	Anthracite grey new								1						
	0.70	RAL 8012	Red brown new								1						
Steel core + Standard polyester 15µm	0.70, 0.75 0.88, 1.00 1.25, 1.50	RAL 9002 RAL 9010	Grey white Pure white										2	2			
	0.75; 0.88 1.00	RAL 9002 RAL 9010	Grey white Pure white										2	2			
Anti-condensation coating				1					3		1	2	2				

1 week delivery time!

2 weeks delivery time!

64

3 weeks delivery time!

4 weeks delivery time!





(1) Sheet thickness 0.50 mm  
(2) Sheet thickness 0.63 mm

(3) Sheet thickness 0.70 mm  
(4) Sheet thickness 0.75 mm

(5) Sheet thickness 1.00 mm  
(6) Sheet thickness 1.20 mm



## Steel core + standard polyester 25µm

RAL 1002 <sup>(1)(3)</sup> SAND YELLOW	RAL 1015 <sup>(1)</sup> LIGHT IVORY	RAL 1021 <sup>(1)</sup> COLZA YELLOW	RAL 3005 <sup>(1)</sup> WINE RED	RAL 3011 <sup>(3)(4)</sup> BROWN RED	RR 028 <sup>(1)</sup> CHERRY RED	RAL 3016 <sup>(1)(3)</sup> CORAL RED
RAL 5010 <sup>(1)(3)</sup> GENTIAN BLUE	RAL 6005 <sup>(1)(2)(4)</sup> MOSS GREEN	RAL 6011 <sup>(1)(4)</sup> RESEDA GREEN	RAL 6020 <sup>(1)(4)</sup> CHROME GREEN	RAL 6029 <sup>(1)(3)</sup> MINT GREEN	RAL 7000 <sup>(1)</sup> SQUIRREL GREY	RAL 7016 <sup>(1)(2)(3)(4)</sup> ANTHRACITE
RAL 7024 <sup>(1)</sup> GRAPHITE GREY	RAL 7035 <sup>(1)(3)</sup> LIGHT GREY	RAL 8004 <sup>(1)(2)(4)</sup> COPPER BROWN	RAL 8012 <sup>(1)(2)(4)</sup> RED BROWN	RAL 8017 <sup>(1)(3)(4)</sup> CHOCOLATE BROWN	RAL 9002 <sup>(1)(2)(3)(4)</sup> GREY WHITE	RAL 9005 <sup>(1)</sup> JET BLACK
RAL 9006 <sup>(1)(3)(4)(6)</sup> WHITE ALUMINIUM	RAL 9007 <sup>(1)(3)(4)</sup> GREY ALUMINIUM	RAL 9010 <sup>(1)(3)(5)</sup> PURE WHITE				

## Steel core + polyester matt coarse grained 35µm

RAL 6005 <sup>(1)</sup> MOSS GREEN	RAL 7016 <sup>(1)</sup> ANTHRACITE	RAL 8017 <sup>(1)</sup> CHOCOLATE BROWN	RR 011 <sup>(1)</sup> CHROME GREEN
RR 028 <sup>(1)</sup> CHERRY RED	RR 033 <sup>(1)</sup> BLACK	RR 750 <sup>(1)</sup> COPPER BROWN	

## Steel core + other

O-GOLD <sup>(1)</sup> GOLDEN OAK	AZ 185 <sup>(1)(2)(3)(4)</sup> ALUZINC
HAZEL <sup>(1)</sup> HAZEL	

## Steel core + PURLAK<sup>®</sup> 50µm 30 years guarantee

RAL 7016 <sup>(1)(4)</sup> ANTHRACITE	RAL 8004 <sup>(1)</sup> COPPER BROWN	RAL 8012 <sup>(1)(4)</sup> RED BROWN
RAL 8017 <sup>(1)</sup> CHOCOLATE BROWN	RAL 9005 <sup>(1)</sup> JET BLACK	RR 028 <sup>(1)</sup> CHERRY RED

## Steel core + PURMAT<sup>®</sup> 50µm 30 years guarantee

RAL 7016 <sup>(1)</sup> ANTHRACITE	RAL 8017 <sup>(1)</sup> CHOCOLATE BROWN	RR 011 <sup>(1)</sup> CHROME GREEN
RR 028 <sup>(1)</sup> CHERRY RED	RR 033 <sup>(1)</sup> BLACK	RR 750 <sup>(1)</sup> COPPER BROWN

## Aluminium natural core **new!**



## Aluminium core + standard polyester 25µm **new!**



\*Colours shown may differ from the real product colour. All colours similar to RAL.



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PRUSZYNSKI**

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PRUSZYNSKI**

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In connection with the updating of the range and the possible modification of the technology, Polmetal GmbH reserves the right to make changes to this catalog without notice.  
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