



January 2023



PRODUCTION PROFILE

www.pruszynski.com.pl

ROOF TILES



See our assembly video instruction of MODUS, LOARA, TIGRA, FIORD and REN Rooftiles:

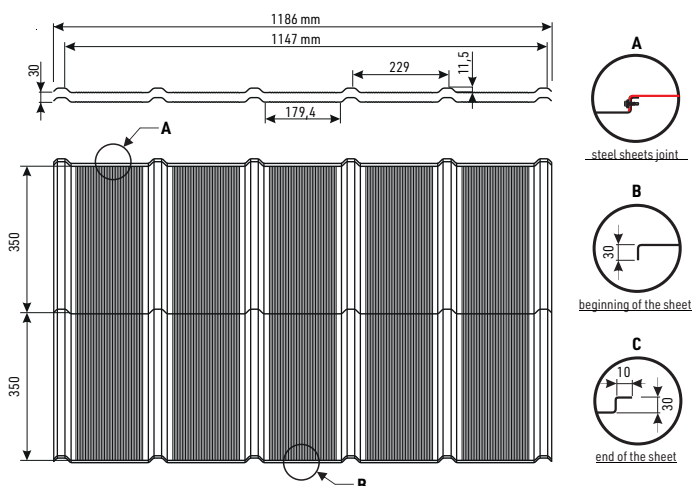


The modern panel roof tile **TIGRA** is a unique one due to its uncommon shape which is obtained due to repeated embossments. Trapezoidal separators standing between flat surfaces are the first aspects to catch the viewer's eye. Due to this, a characteristic pattern of „chocolate bars” is created on the roof. This type of placement causes perception of harmony and order of the roof. Additionally, surface of TIGRA tile is in fact 'nanowave-shaped.'

TIGRA



effective area	0,803 m ²
module length	350 mm
profile height	11,5 mm
fold height	30 mm
total width	1186 mm
effective width	1147 mm
min. roof slope	20°
coverings	coarse matt, TOPMAT, PURMAT, PURLAK, PURMAX
accessories	screws, seals, sealing collars, flashings, touch-up paint

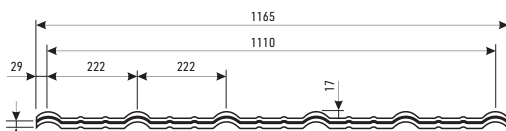


KREATOR BUDOWNICTWA ROKU 2022

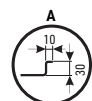
ROOF TILES



FIORD panel roof tile is a novelty in our company's offer. Expressive design attracts with firm embossment resembling on Scandinavian designing. The small embossings on the flat area improve stiffness of the panel which helps avoiding unaesthetic corrugation of the steel. They also facilitate communication on the roof not affecting the danger of possible deformation.



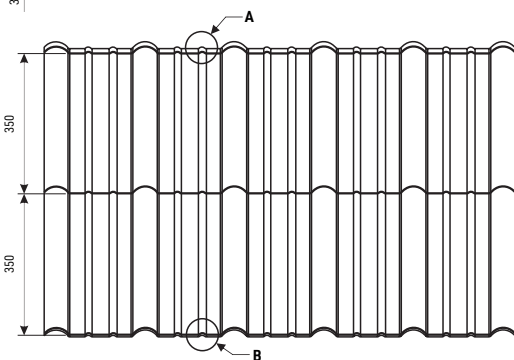
steel sheets joint



beginning of the sheet



end of the sheet



effective area	0,777 m ²
module length	350 mm
profile height	17 mm
fold height	30 mm
total width	1165 mm
effective width	1110 mm
min. roof slope	20°
coverings	coarse matt, TOPMAT, PURMAT, PURLAK, PURMAX
accessories	screws, seals, sealing collars, flashings, touch-up paint



FIORD panel roof tile has been awarded with TOP BUILDER 2021



FIORD panel roof tile has been awarded with European Medal 2021

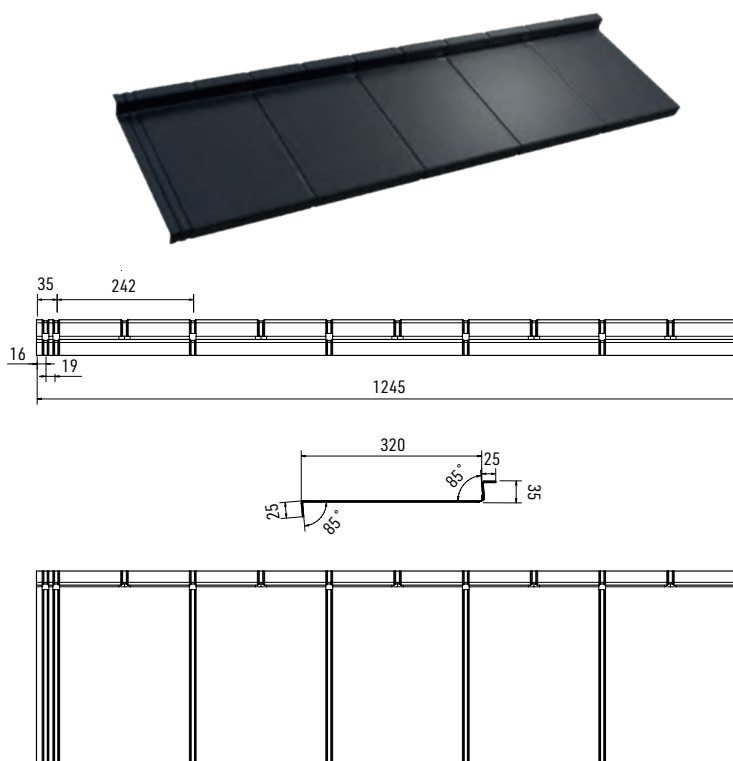
ROOF TILES



The 'FLAT PLUS' steel roof tile is a response to the constantly growing minimalist trend. We have modified the 'FLAT' roof tile by removing the delicate embossing on the panel surface. As a result, we obtained a perfectly flat surface, which is now so often sought after by investors. Created with modern construction in mind, it brings an unobtrusive drawing on the roof. The best visual effect is reached in matt coatings.



effective area	0,387 m ²
module length	320 mm
fold height	35 mm
total width	1245 mm
effective width	1210 mm
min. roof slope	20°
coverings	PURMAT, PURMAX
accessories	screws, seals, sealing collars, flashings, touch-up paint

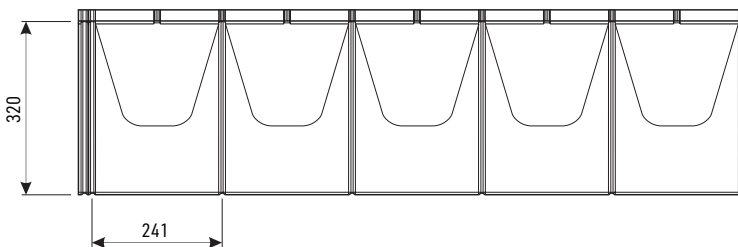
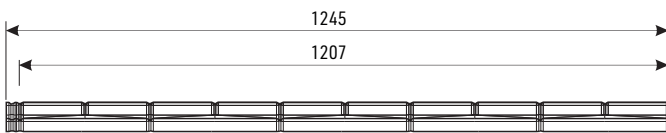


ROOF TILES



FLAT steel roof tile is new product in Blachy Pruszyński's offer. Due to modern shape it easily sets in contemporary and industrial area. Assembly is fast and easy. Waste of material is reduced to minimum. We offer wide palette of anti-corrosion coatings in many colours. Thanks to this roofs covered with FLAT tile may be designed for many years' use.

FLAT



effective area	0,386 m ²
module length	320 mm
profile height	3 mm
fold height	35 mm
total width	1245 mm
effective width	1207mm
min. roof slope	20°
coverings	PURMAT, PURMAX
accessories	screws, seals, sealing collars, flashings, touch-up paint

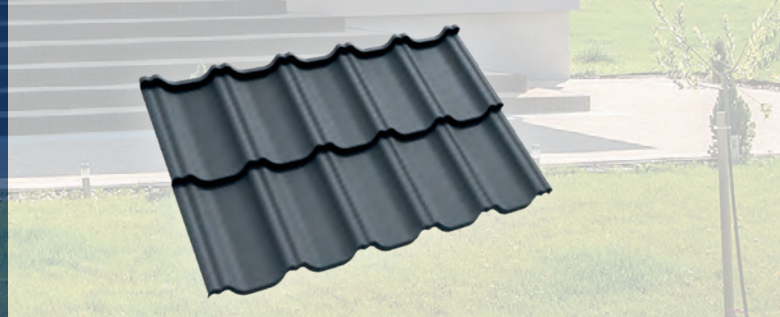


FLAT steel roof tiles has been awarded with **GOLDEN MEDAL** at Budma International Poznań Fair 2019

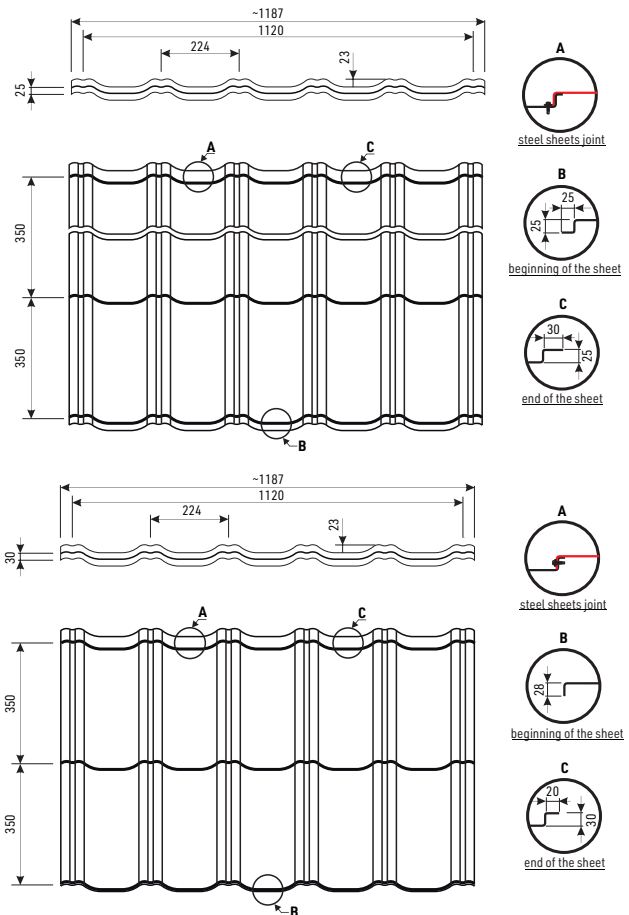
ROOF TILES



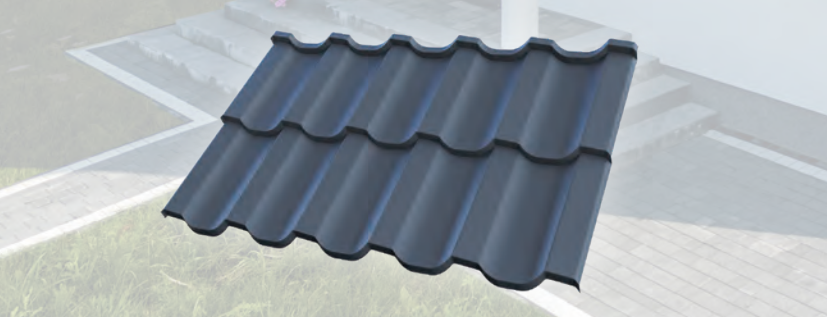
An important feature of **LOARA** roof tile which supports its popularity among customers is high embossment. LOARA's structure is symmetric which significantly simplifies its assembly. This modern profile is available both in cut-to-size and in modular option.



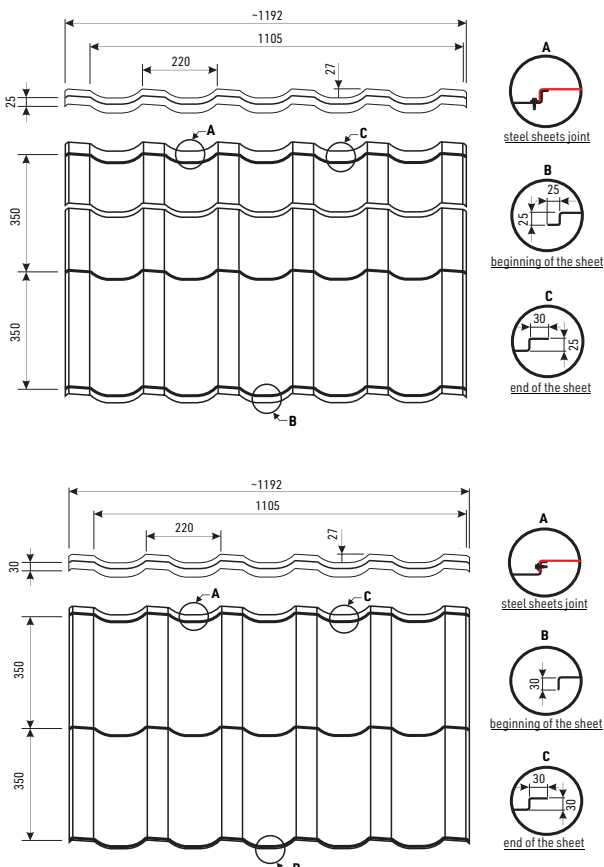
	roof tile	panel roof tile
effective area	-	0,784 m ²
module length		350 mm
profile height		23
fold height	25 mm	30 mm
total width		1187 mm
effective width		1120 mm
min. roof slope	9°	15°
coverings	polyester glossy, coarse matt, PURMAT, PURLAK, PURMAX	coarse matt, TOPMAT, PURMAT, PURLAK, PURMAX
accessories	screws, seals, sealing collars, flashings, touch-up paint	



ROOF TILES



REN metal roofing tile with its unique shape allows objects to stand out against others. On the other hand it seamlessly blends into the surrounding environment. It also has a very rich palette of anti-corrosion protection (organic and metallic coatings). Hence, roofs covered with „REN“ tile can be designed for decades without the risk of losing functional properties and aesthetic values.



	roof tile	panel roof tile
effective area	-	0,774 m ²
module length		350 mm
profile height		27
fold height	25 mm	30 mm
total width		1192 mm
effective width		1105 mm
min. roof slope	9°	15°
coverings	polyester glossy, coarse matt, PURMAT, PURLAK, PURMAX	coarse matt, TOPMAT, PURMAT, PURLAK, PURMAX
accessories	screws, seals, sealing collars, flashings, touch-up paint	



REN steel roof tiles has been awarded with **GOLDEN MEDAL** at Budma International Poznań Fair 2018

ROOF TILES

KARO panels made of covered steel are suitable for those, who appreciate original look of the roof. Panels are available in coarse matt and PURMAT coatings. However, there is a possibility to produce them in any other coating or colour from our offer. It is assembled on the roof with full boarding with use of clasp. The interesting shape of this cladding determines unique outlook of the roof. Karo panels are perfect also as chimney cladding and elevation.

KARO



dimension of panels	555x555, 345x345, 245x245 mm
steel thickness	0,5 mm
min. roof slope	22°
assembly	by means of holders, on the full-board roof
coverings	glossy polyester, coarse matt, PURMAT, PURLAK, PURMAX
accessories	clasps, sealing tapes, flashings



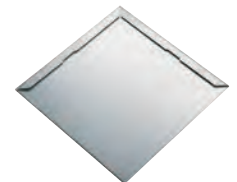
KARO 555 PANEL
- Starting



KARO 555 PANEL
pcs/m² - 3,25



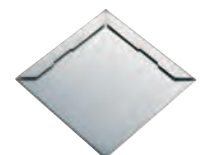
KARO 345 PANEL
- Starting



KARO 345 PANEL
pcs/m² - 8,4



KARO 245 PANEL
- Starting



KARO 245 PANEL
pcs/m² - 16,67



CLASP
- fixing accessory



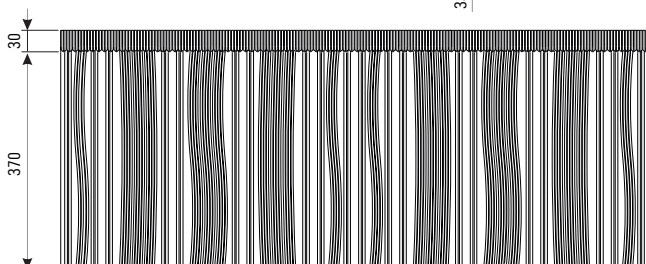
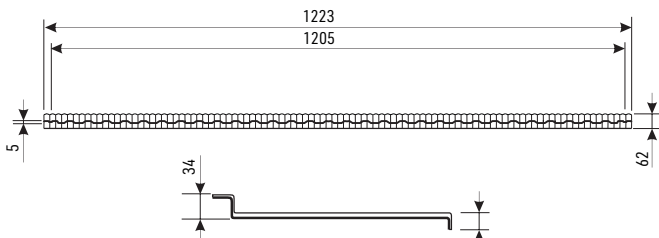
KARO Panels was awarded with
Gold Medal MTP BUDMA

ROOF TILES



REGLE is a one module roof panel – new roofing material in our offer, prepared as a response to popular trend in building – timber boarder houses, roadhouses and regional restaurances.

REGLE



effective area	0,446 m ²
module length	370 mm
profile height	5 mm
fold height	34 mm
total width	1223 mm
effective width	1205 mm
min. roof slope	20°
coverings	PURMAX, PURLAK, PURMAT
accessories	screws, seals, sealing collars, flashings, touch-up paint

REGLE Roof panel has been awarded with TOP BUILDER 2015 Award and Gold Medal of MTP BUDMA 2015



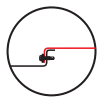
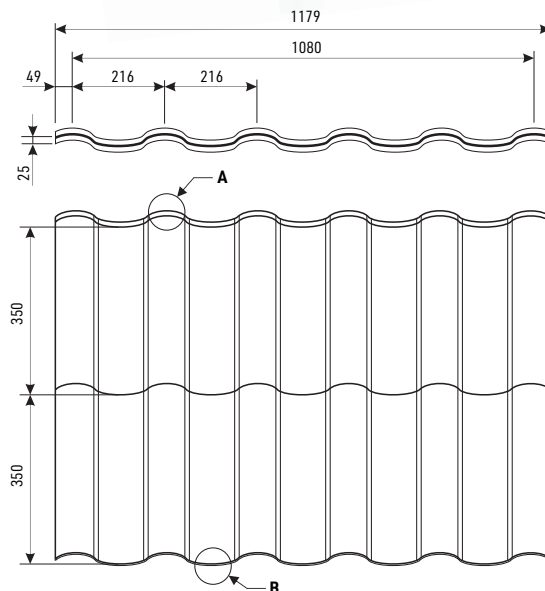


MODUS is a metal roofing tile delivered as panels for traditional assembly with use of screws. Available coatings are: glossy and coarse-grained matt polyester, polyurethane - PURMAT and PURLAK, also hybrid coating - PURMAX.

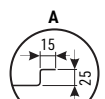
MODUS



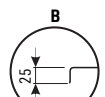
effective area	0,756 m ²
module length	350 mm
profile height	35 mm
fold height	25 mm
total width	~1179 mm
effective width	1080 mm
min. roof slope	15°
coverings	coarse matt, TOPMAT, PURLAK, PURMAT, PURMAX
accessories	screws, seals, sealing collars, flashings, touch-up paint



steel sheets joint



beginning of the sheet



end of the sheet



MODUS roof tile has been awarded with European Medal XXIV Edition

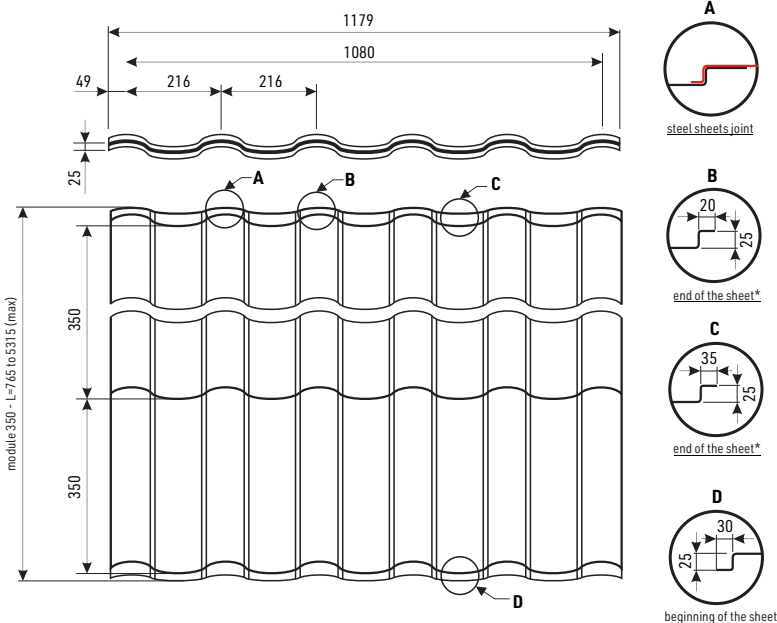
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ROOF TILES



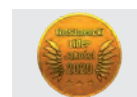
OPTIMA roof tile is produced in length adequate to customer's order. Assembly of the sheets takes place in way typical for Pruszynski's roof tiles. OPTIMA is available in all coatings, in 27 basic colours from RAL and RR chart.

OPTIMA



module length	350 mm
profile height	35 mm
fold height	25 mm
total width	~1179 mm
effective width	1080 mm
min. roof slope	9°
coverings	glossy polyester, coarse matt, PURMAT, PURLAK, PURMAX
accessories	screws, seals, sealing collars, flashings, touch-up paint

*To join the sheets along their length, it is necessary to consider folds – 30 mm in the front and 35 mm in the back. Total of folds in a sheet with full back crease is 65 mm.



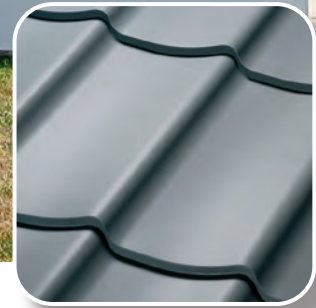
ROOF TILES



See our assembly video instruction of steel roof tiles:
https://www.youtube.com/watch?v=VM5MPDE8_Dg



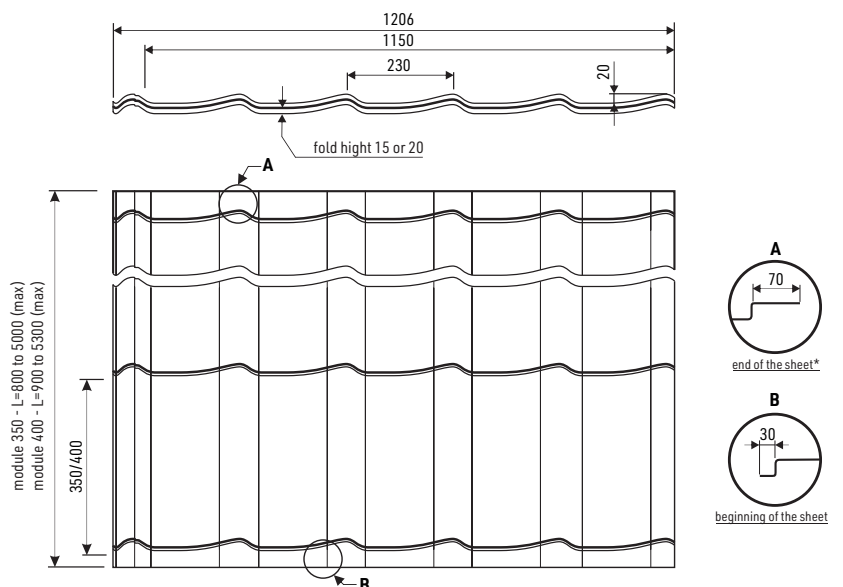
Steel tile **RUBIN** is one of the most economical roofing materials. Thanks to its light weight (ca. 4.7 kg/1m²) it does not require the use of heavy roof truss structure, which results in decrease in use of wood. The weight of materials is also very important in case of renovation of roof construction.



RUBIN



module length	350 lub 400 mm
profile height	20 mm
fold height	15 lub 20 mm
total width	1206 mm
effective width	1150 mm
min. roof slope	9°
coverings	glossy polyester, coarse matt, PURMAT, PURLAK, PURMAX
accessories	screws, seals, sealing collars, flashings, touch-up paint



* if the back tab dimension is smaller than 70 mm, the sheet will not have the last fold



1st place in the 5th edition of „LAUR KLIENTA 2009” in steel roofing tile category

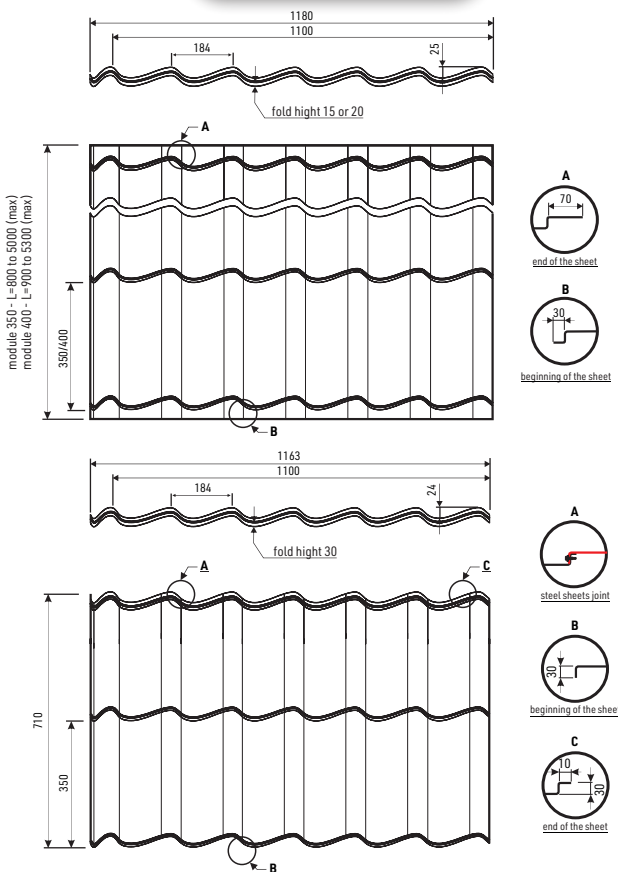


ROOF TILES

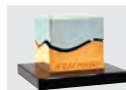


Wide range of colours allows matching the roof with elevation and surroundings. Due to defined length of sheets, the quantity of wasted material is cut down to minimum. Blachy Pruszyński steel tiles are covered with warranty period up to 50 years (depending on the type of coating).

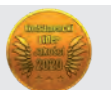
Now SZAFIR roof tile is available also in modular mode !



	roof tile	panel roof tile
effective area	-	0,77 m ²
module length		350 mm
profile height		25
fold height	15 lub 20mm	30 mm
total width	1180 mm	1163 mm
effective width	1100 mm	1100 mm
min. roof slope	9°	15°
coverings	polyester glossy, coarse matt, PURMAT, PURLAK, PURMAX	coarse matt, TOPMAT, PURMAT, PURLAK, PURMAX
accessories	screws, seals, sealing collars, flashings, touch-up paint	



SZAFIR steel roofing tiles have been awarded with the 13th edition of **Teraz Polska (Now Poland) Polish Promotional Emblem**



STANDING SEAM ROOFING PANELS



Please see our episode movies which present asseble of STANDING BEAM roof panels



BRACKET FOR SOLAR PANELS

Standing seam is one of the oldest technologies used in the craft of house building. We offer modern solution to this traditional profile. Joining the panels takes place by means of fastening without bending the seam. Each panel has assembly holes simplifying its fixing to roof construction. Factory cut out endings (in PD 510P-S, PD 510T-S i PD 510F-S, PS 510 NANO* options) allow installation on a starting fascia.

*-PD 510 NANO panels are available only with endings cut out for assembly on starting fascia

PANEL JOINTS



In case of the need to disassemble, the new joint allows to separate panels without damaging them.

ASSEMBLY FLASHING



Panels are equipped with a flashing with openings allowing to assemble them directly to the roof construction.

UNDER-RIDGE BOARD



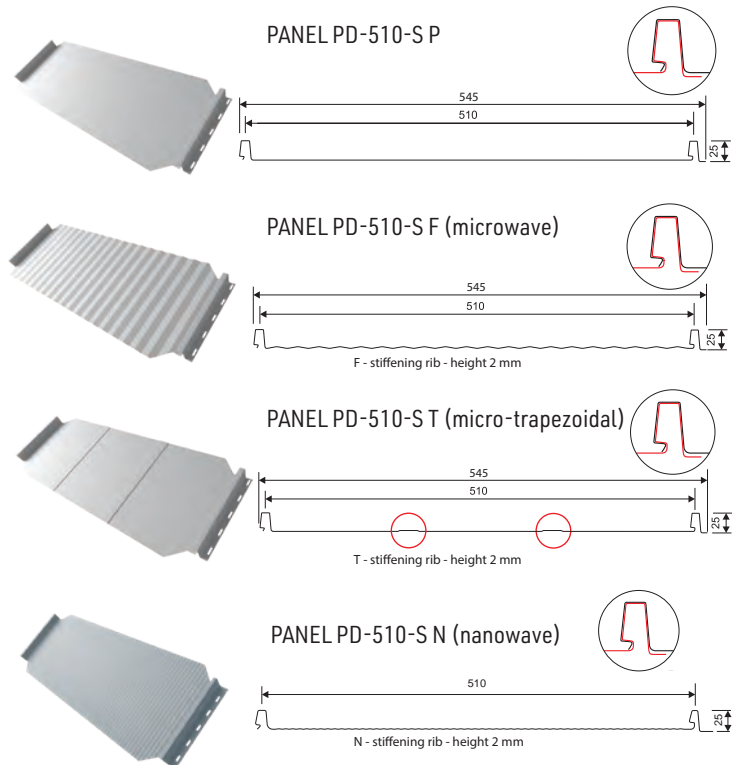
Under-ridge board with factory-made holes for screws enables fixing the panels to the roof construction.

version PD-510-S

ROOF PANELS WITH STANDING SEAM



effective width	510 mm
seam height	25 mm
max. recommended length of sheet	nano and microwave - 9 m micro-trapezoidal - 7 m flat - 5 m
min. length of sheet	0,5 m
min. roof slope	8°
thickness	0,5/0,7 mm
covering	glossy polyester, coarse matt, PURMAT, PURLAK, PURMAX
accessories	screws, seals, sealing collars, flashings, touch-up paint



PANELS PD-510-N (P, T or F) are available without cut locks.

Our roof panel with standing beam was awarded with Medal MTP BUDMA 2012



EUROPEAN MEDAL EDITION XXI



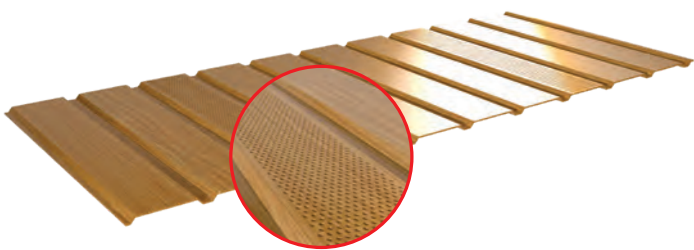
PERFORATED SOFFIT TP-7

Soffit of perforated trapezoidal sheet TP7 is convenient replacement of standard PVC soffits. Among many benefits we can list:

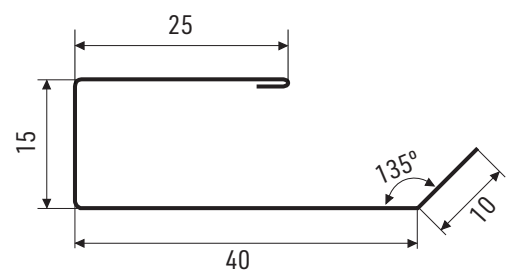
- possibility of perfect matching with colour of roof;
- no waviness of material and better stiffness than plastic
- resistance to ageing and discoloration;
- simplicity of assembly
- possibility of ordering the convenient length

Available colours:

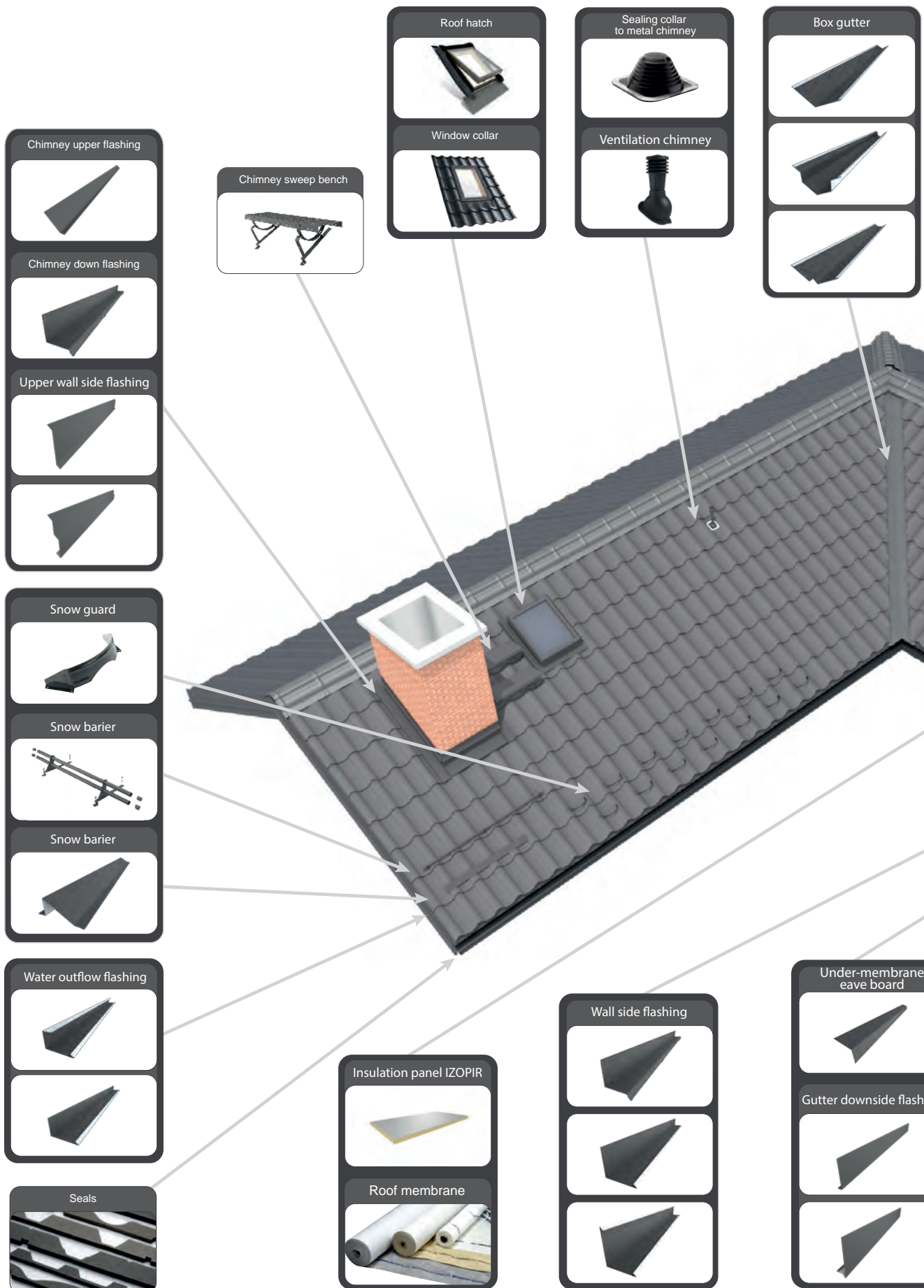
- golden oak polyester;
 - walnut – matt polyester;
 - black – coarse matt polyester R033;
 - brown – coarse matt polyester 8017;
- Other colours are available per individual order.



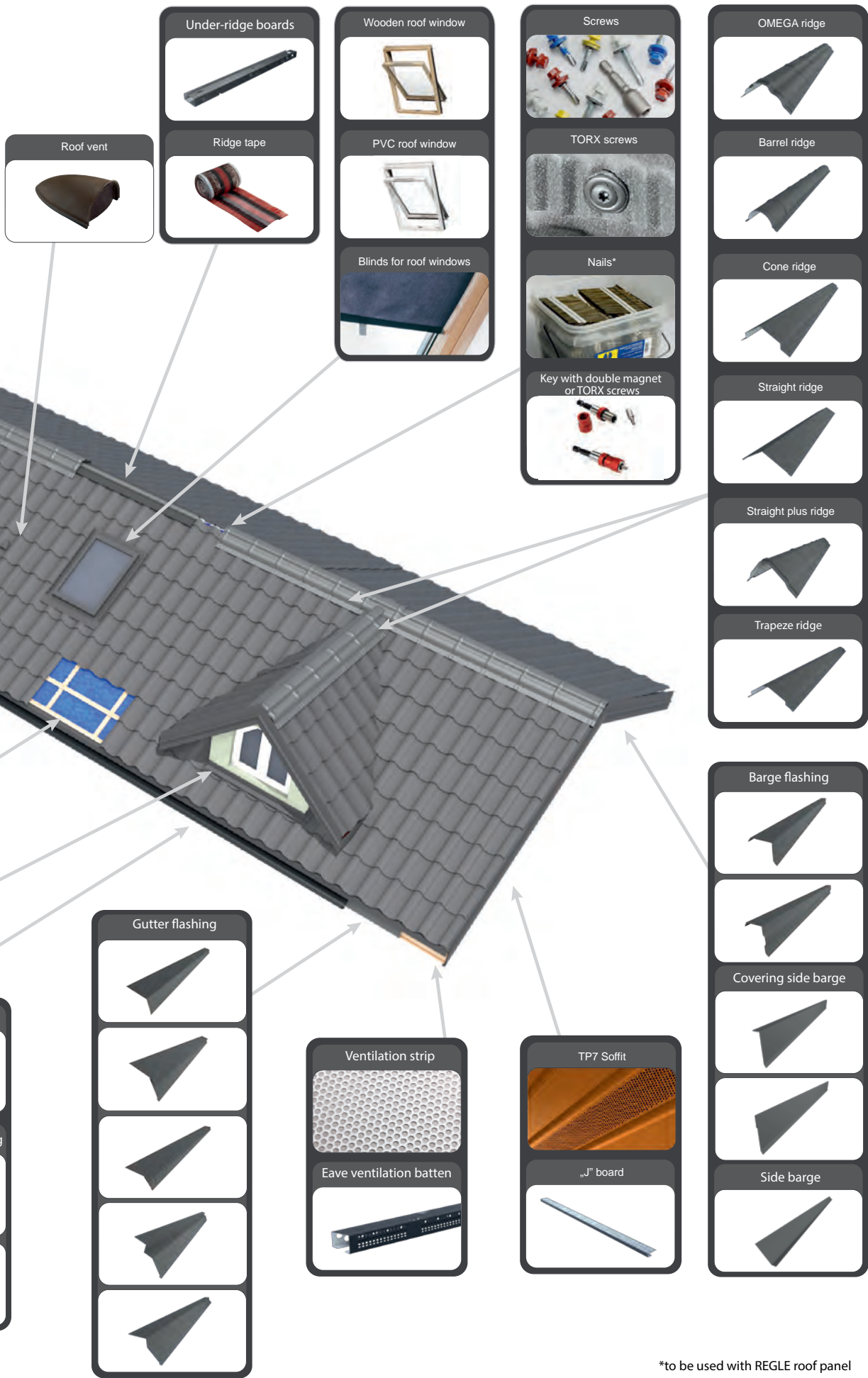
Example soffit assembly with use of „J” board fixed to elevation.



Scheme of „J” board



FLASHINGS AND ROOF ACCESSORIES



Under-ridge boards



Ridge tape




Wooden roof window




PVC roof window




Blinds for roof windows




Screws



TORX screws



Nails*



Key with double magnet or TORX screws



OMEGA ridge



Barrel ridge



Cone ridge



Straight ridge



Straight plus ridge



Trapeze ridge




Barge flashing








Covering side barge



Side barge



Gutter flashing


Ventilation strip




Eave ventilation batten



TP7 Soffit



„J“ board



*to be used with REGLE roof panel



Roof windows AURA

The line of windows manufactured by experienced Scandinavian manufacturer according to specification created exclusively for our company.

We offer our customers 5 types of windows: superb wooden windows GOLD, outstanding wooden or PVC line SILVER, and economic version BRONZE.

Roof windows AURA can be assembled in roofs of pitch 15 to 90 degrees.



dimensions

66 x 118
78 x 98
78 x 118
78 x 140



GOLD+ PVC line windows

GOLD+ PVC are the most advanced windows made of PVC profile strengthened with aluminium profile which guarantees durability and protection from humidity.

This fact makes them an excellent choice for kitchens and bathrooms. This window is easy to install and each package contains step-by-step assembly manual.

Triple glazed pane delivers brilliant thermal parameters - $U_g 0,8 W/m^2K$ and $U_w 1,1 W/m^2K$.



dimensions

66 x 118
78 x 98
78 x 118
78 x 140



Window from line GOLD+

AURA GOLD Window is produced with wooden frame made of selected pinewood.

All resources are from renewable forests and signed by FSC certificate. Special collar with foamed polyurethane ensures minimum loss of heat and better insulation.

Self-cleaning layer on AURA GOLD glass prevents from formation of dirt or deposits.



dimensions

66 x 118
78 x 98
78 x 118
78 x 140



PVC window from SILVER line

AURA SILVER PVC window is made of toughened, aluminium PVC profile which guarantees durability and protection against humidity, which makes them perfect for kitchen and bathrooms.

Waterproofness class E15000 – unique protection against water penetration. Built-in ventilation with grid, which unable to get in of insects and dust with simultaneous room ventilating.



dimensions

66 x 118
78 x 98
78 x 118
78 x 140



Window from SILVER line

Window is produced with wooden frame made of selected pinewood which is covered with fungicidal and insecticide impregnation. Built-in ventilation with grid, which unable to get in of insects and dust with simultaneous room ventilating. Window silver is protected with double layer of varnish.



dimensions

55 x 78
78 x 118
78 x 140



Window from BRONZE line

Wooden window, made of selected pinewood.

Main characteristics of BRONZE windows are:

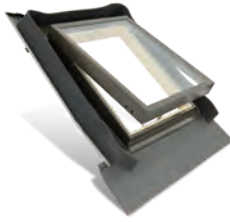
- Resistance to severe weather conditions such as rainstorm, sleet or intensified snow owing to hardened external glass
- Optimized air circulation owing to two passive ventilation position in roof handle



ROOF HATCH WINDOW

dimensions

45x73



Roof hatch is used for no heated and unoccupied spaces. Integrated collar provides perfect tightness and easy assembly in all kinds of roof coverings. AURA hatch can be assembled in roofs of pitch 15 to 60 degrees. Double pane package 14 mm(3-8-3). Two methods of opening: up or on side.

COLLARS FOR ROOF WINDOWS

flat	
symbol	dimensions
KPS GP 55x78	55x78
KPS GP 55x98	55x98
KPS GP 66x118	66x118
KPS GP 78x98	78x98
KPS GP 78x118	78x118
KPS GP 78x140	78x140
corrugated	
symbol	dimensions
KFS GP 55x78	55x78
KFS GP 55x98	55x98
KFS GP 66x118	66x118
KFS GP 78x98	78x98
KFS GP 78x118	78x118
KFS GP 78x140	78x140

combo	
symbol	dimensions
KFK 13E GP	78x118
KFK 2E GP	78x118
KFK 46E GP	78x118
KFK 5E GP	78x118
KFK 13E GP	78x140
KFK 2E GP	78x140
KFK 46E GP	78x140
KFK 5E GP	78x140
to the seam	
symbol	dimensions
KRS GP 78x118	78x118
KRS GP 78x140	78x140

Collar ensures easy assembly and full waterproofness. Collars are made of aluminium and painted with grey – the same as window. Collars are resistant to weather conditions and UV radiations, its waterproofness have been tested according to tight norms.

ROLLERS

darkening		
colour	symbol	dimensions
dark blue	DURC2A 4212	55x78
	DURF6A 4212	66x118
	DURM4A 4212	78x98
	DURM6A 4212	78x118
	DURM8A 4212	78x140
beige	DURC2A 4219	55x78
	DURF6A 4219	66x118
	DURM4A 4219	78x98
	DURM6A 4219	78x118
	DURM8A 4219	78x140
white	DURC2A 4208	55x78
	DURF6A 4208	66x118
	DURM4A 4208	78x98
	DURM6A 4208	78x118
	DURM8A 4208	78x140
light darkening		
colour	symbol	dimensions
dark blue	RHR CXA 4312	szer. 55
	RHR FXA 4312	szer. 66
	RHR MXA 4312	szer. 78
beige	RHR CXA 4319	szer. 55
	RHR FXA 4319	szer. 66
	RHR MXA 4319	szer. 78
awning		
colour	symbol	dimensions
black	MIR CXA 4260	szer. 55
	MIR FXA 4260	szer. 66
	MIR MXA 4260	szer. 78



external		
colour	symbol	dimensions
gray	SHR C2A	55x78
	SHR F6A	66x118
	SHR M4A	78x98
	SHR M6A	78x118
	SHR M8A	78x140



Internal and external rollers are high quality products suitable for all AURA® and do not require any additional regulating. Therefore it is very easy to install it. All you need is follow the instruction attached to every roller. On the top part of window sash there is a data plate with model and measurements of the roof window.

DARKENING ROLLER BLIND DUR. Even 100% of darkening – ideal for bedrooms or rooms where high scope of light regulation is compulsory.

LIGHT DARKENING ROLLER RHR. Effectively spread the light. Allows to stop the roller in 3 fixed positions.

AWNING MIR. External awning, which protects against heating and reduces the noise of rain.

ASSEMBLY ACCESSORIES

THERMAL INSULATION COLLAR FROM EXPANDED POLYETHYLENE IFC. Perfect thermal insulation and sealing of the window.

IFC collar makes sealed frame around the window to protect the interior against heat loss.

COLLAR OF WATER VAPOUR PERMEABILITY RUC. Reduces the time of roof window assembly. Designed to protect the roof and ensure waterproofness of roof construction.

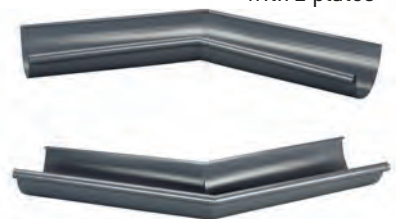
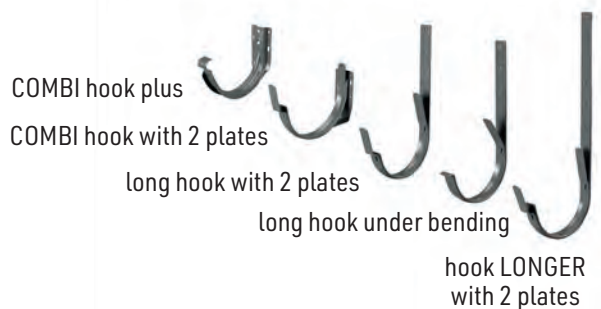
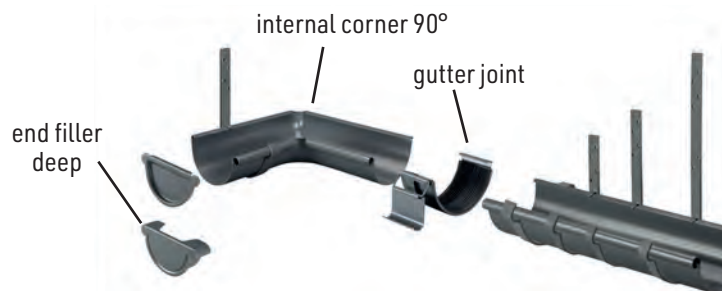
EXTENDED HANDLE ZAR. ZAR handle are suitable for all windows. Handles are produced from metal and finished with rubber. Available in length 80 and 120 cm.

ELECTRICAL OPENER AMC. Electrical opener AMC 100 allows to regulate the width of the opened window from 10 cm up to 40 cm, equipped in remote controller. AMC 100 is marked with **CE** and 2 years warranty.



Niagara gutters are available in 8 sizes

System 110/90	System 125/90	System 125/100	System 150/100
System 150/120	System 150/150	System 190/120	System 190/150



external and internal corner 135°



touch-up paint



downpipe holder clamp

COLOURISTIC

POLYURETHANE

BROWN RAL 8017	SILVER RAL 9006	BLACK RAL 9005	SNOW WHITE RAL 9010
CHERRY RR 028	BRICK RAL 8004	ANTHRACITE RAL 7016	SILVER METALIC RAL 9007

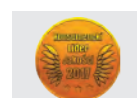
STEEL GUTTERS POLYURETHANE

Steel gutters with polyurethane covering are standing out due to wide pallet of available colours. Thanks to that, it's easy to match colours of gutter system to roof and façade of buildings. Additional advantage is high resistance to change of colours and effects of weathering.

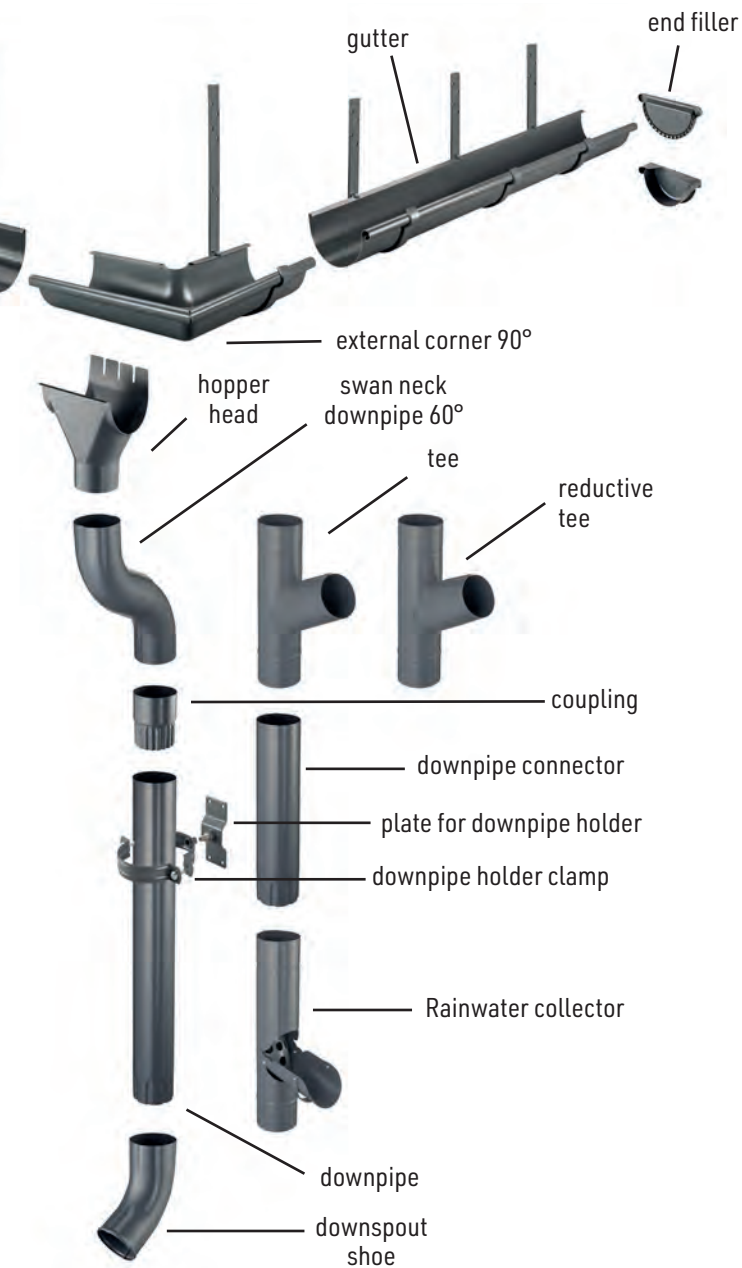


GALVANISED

The main advantage of galvanised gutter system is good price and short time of realization of orders with main properties of NIAGARA Gutter system. This material is perfect for agricultural and industrial facilities, but can be used as well in residential houses



NIAGARA GUTTER SYSTEM



ALUMINIUM - TYTANIUM

SILVER
RAL 9006

ANTHRACITE
RAL 7016

BLACK
RAL 9005

BROWN
RAL 8017

TITAN - ZINC

GALVANISED

NATURA

PATYNA



ALUMINIUM - TYTANIUM

Aluminium gutter system **TYTANIUM** is recommended in surroundings of high pollution, seaside and forested. Due to durability this product was awarded on International Industrial Fairs BUDMA 2015. Use of aluminium means low self-mass and possibility of assembly in temperatures from -15 to +40°C.



TITAN - ZINC

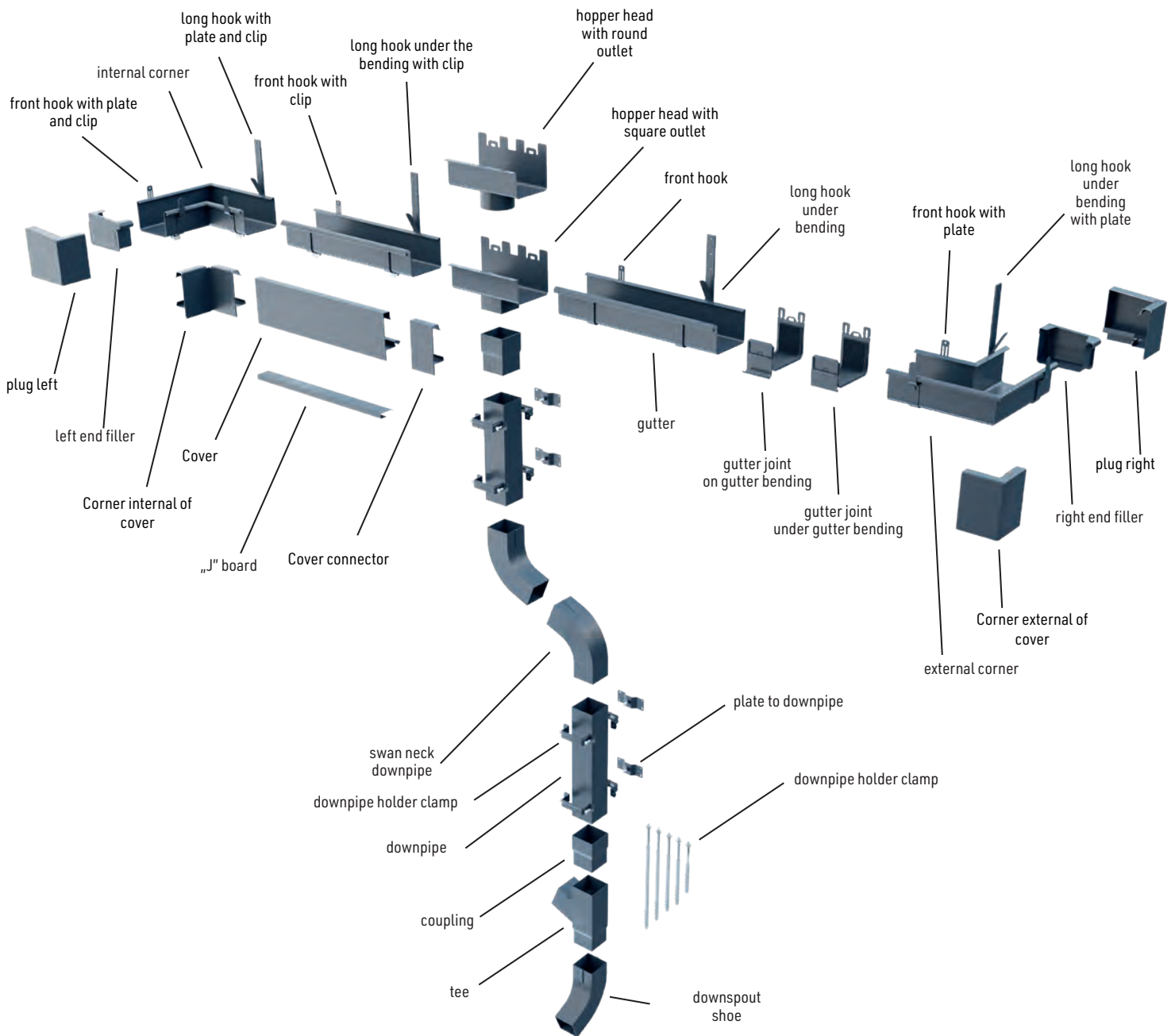
TITAN-ZINC is characterised with classic, elegant look and over 100 years durability. It's available in 2 versions: NATURA and PATYNA. It's used both in new building and during renovations of historic buildings. It has high resistance to corrosion and weather conditions (acid rains included).

NIAGARA GUTTER SYSTEM

K N I A G A R A
W A D R A T O W A



NIAGARA GUTTER SYSTEM



Modern shape of the guttering system fulfills high-technology buildings. System of gutters offered by our company builds up complete water drainage of the roof. It has been designed thinking of aesthetics and efficiency, but most of all of durability. Our technology enabled us to create products which amaze not only with their technical parameters, but also with their visual features. Quality of our products is **QUALITY SQUARED**.

COLOURS

ANTHRACITE
RAL 7016

BLACK
RAL 9005



Blachy Pruszyński's Company offers a wide variety of accessories such as: standard and non standard flashings, windows and roof hatches, screws, sealing, sealing collars, roof foils, roof ventilation, touch-up paints and flat sheet.

Blachy Pruszyński's offer also includes: production of standard and non-standard flashings, cutting flat sheet from sheets into sections, punching assembly holes, bending steel on press brake and angle bending machines.

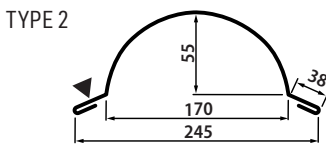
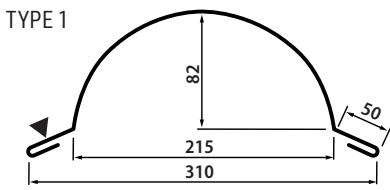
Our plant could also perform flashings from steel thickness 3,0 mm and maximum length 7 m.

NEW! Our roof flashings are now available with nanowave profilation.

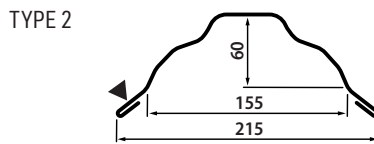
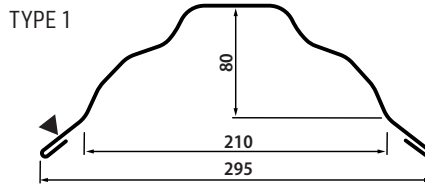
ROOF FLASHINGS AVAILABLE NOW WITH NANOWAVE PROFILATION

Standard ridges - available on stock.

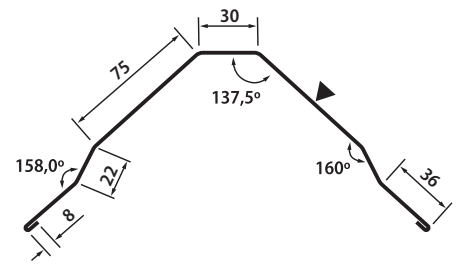
BARREL RIDGE



OMEGA RIDGE

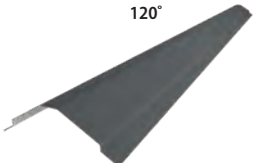
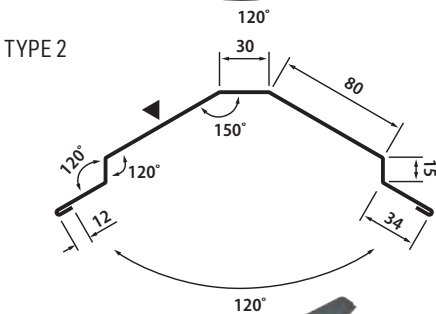
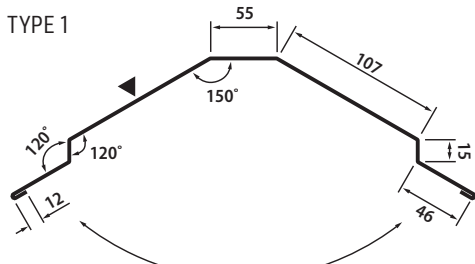


STRAIGHT RIDGE 'PLUS'

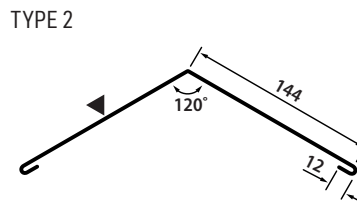
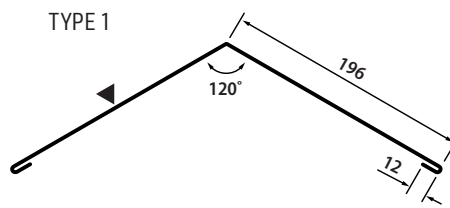


Ridges are manufactured on a bending machine - on request. The bending angle can be changed according to the customer's needs.

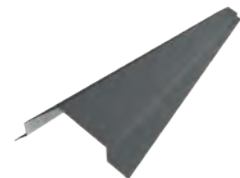
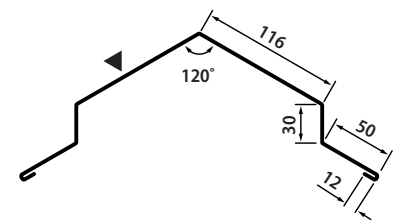
TRAPEZE RIDGE



STRAIGHT RIDGE

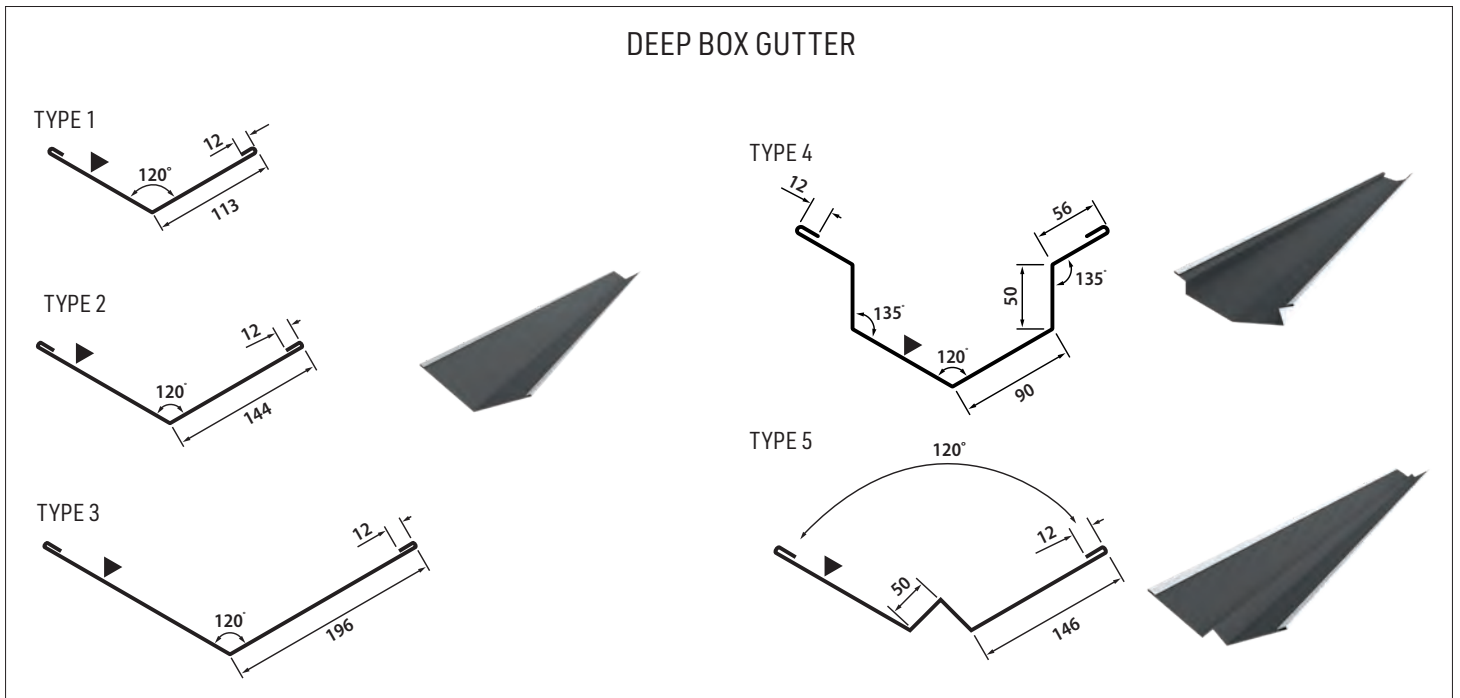


CONE RIDGE

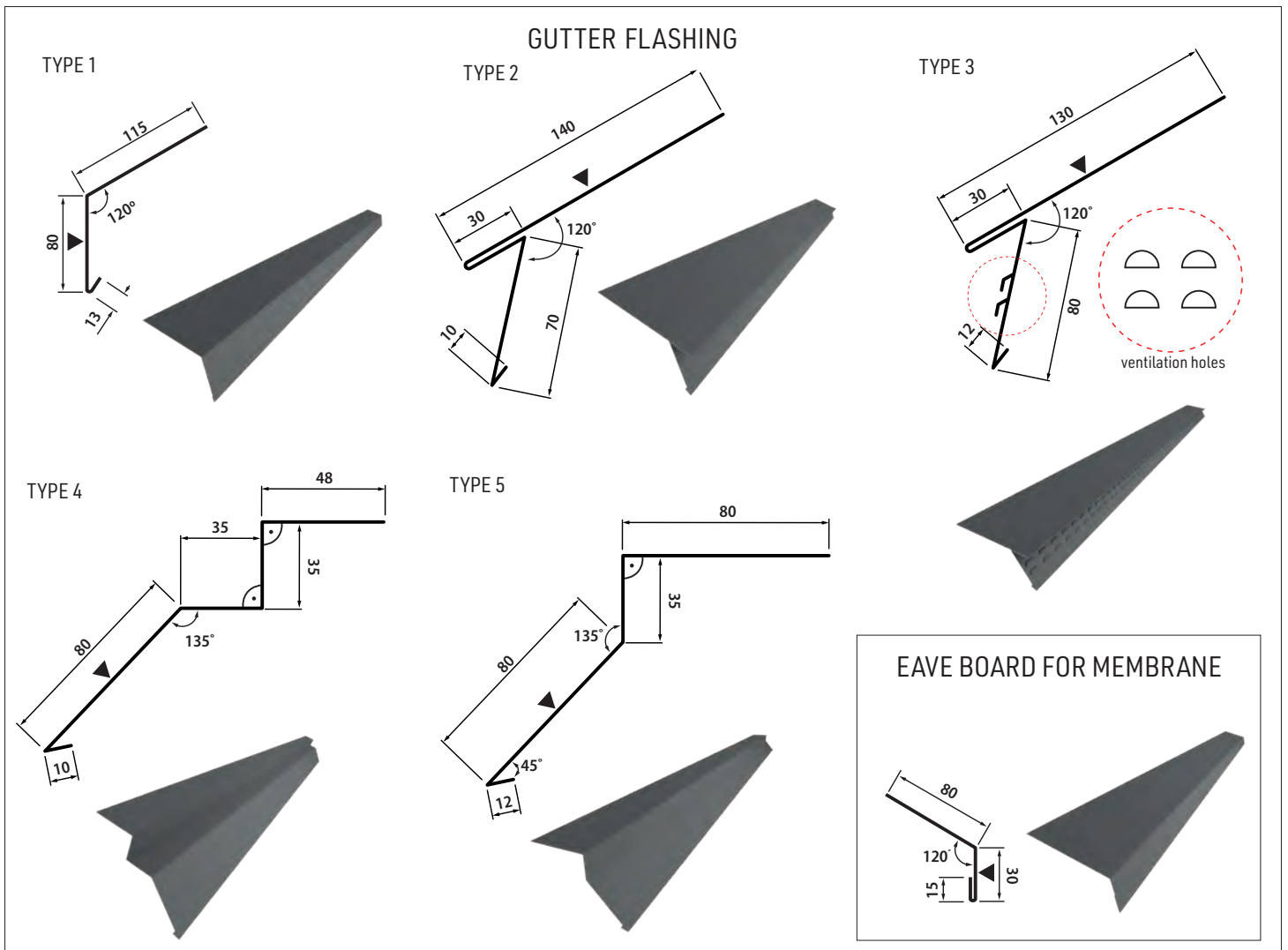


ACCESSORIES

Box gutters are made on a bending machine - on request. The bending angle can be changed according to the customer's needs.

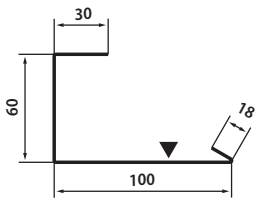


Other flashings are made on bending machines.

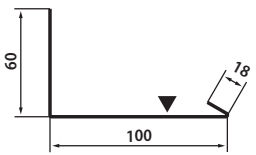


WATER OUTFLOW FLASHING

TYPE 1



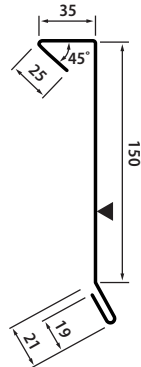
TYPE 2



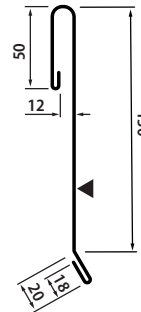
+
Water outflow flashing
can be paired with
covering side barge

COVERING SIDE BARGE

TYPE 1

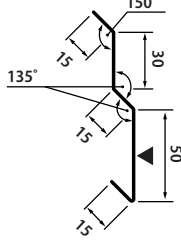


TYPE 2

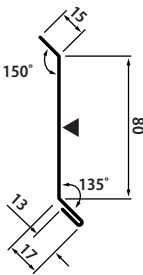


UPPER WALL SIDE FLASHING

TYPE 1



TYPE 2



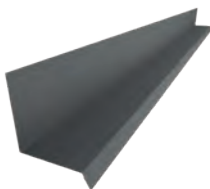
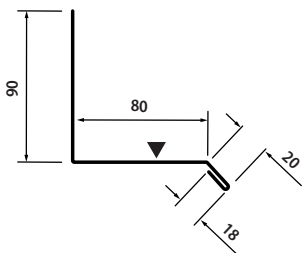
Upper wall side flashing can be
paired with wall side flashing **+**

SIDE BARGE

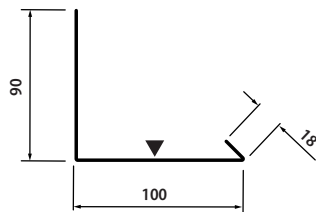


WALLSIDE FLASHING

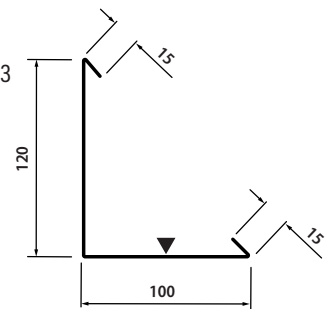
TYPE 1



TYPE 2

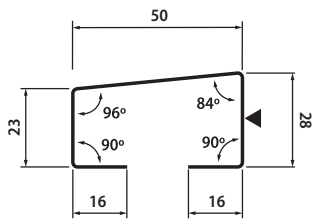


TYPE 3



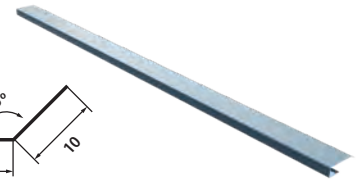
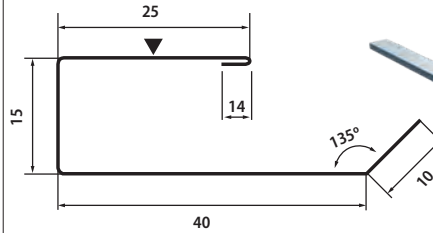
ACCESSORIES

EAVE VENTILATION BATTEN

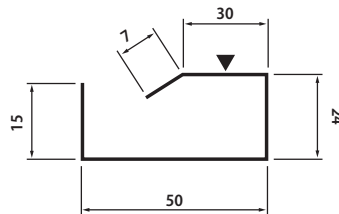


Eave batten is available in 3 colors of PMG coating (RAL 7016, RAL 8017 oraz RR 033).

'J' BOARD



UNDER-RIDGE BOARDS

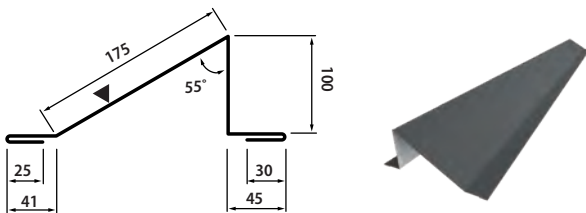


Under-ridge boards are available in all color of PMG coating (8 colors) and 1 gloss color- PS RAL 9007.

It's produced in 2 lengths:

- 0,5m - for roofs with panels with standing seam
- 2 m - for roofs with flat rooftiles

SNOW BARRIER

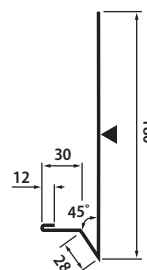


UNDER GUTTER STRIP

TYPE 1

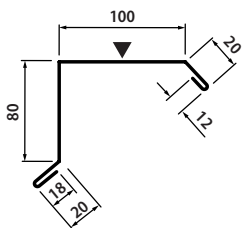


TYPE 2

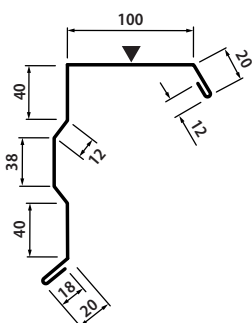


BARGE FLASHING

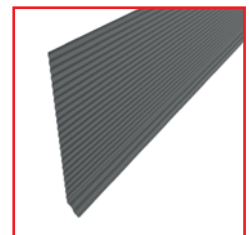
TYPE 1



TYPE 2



We constantly keep on updating our offer and introduce new products. Ask our local distributor in your area or our Sales Department to get information about flashings made of steel with nanowave embossing.



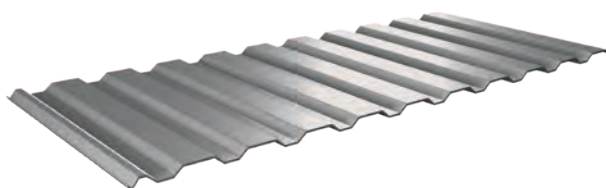
TRAPEZOIDAL PROFILES

ATTENTION:

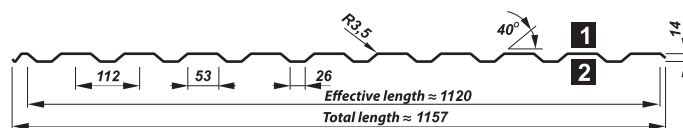
- 1 trapezoidal sheet is coated with decorative coating,
- 2 trapezoidal sheet is coated with protective coating (primer)

ROOFING PROFILES

T 14 roof

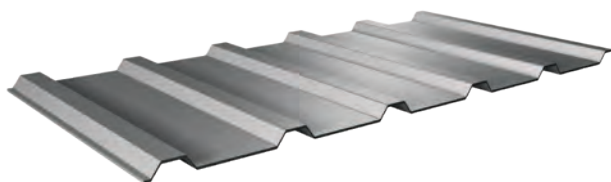


≠0,50 length max 6 lm ≠0,70 length max 7 lm

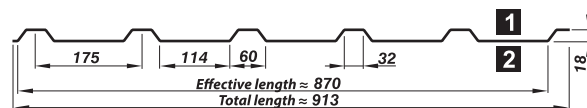


COATING:					STEEL SHEET THICKNESS:
polyester	hybrid	polyurethane	zinc	aluzinc	od 0,50 mm to 0,70 mm
glossy					
25 µm	40 µm	50 µm	200, 275 g/m ²	150, 185 g/m ²	

T 18 galvanised roof



≠0,50 length max 7 lm ≥0,60 length max 8 lm

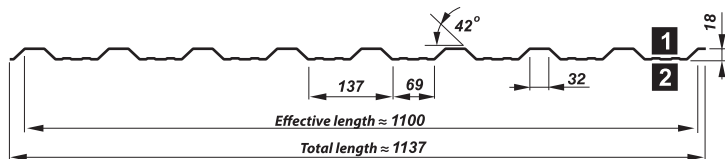


COATING:	STEEL SHEET THICKNESS
zinc	od 0,50 mm to 0,80 mm
200, 275 g/m ²	

T 18 DR roof

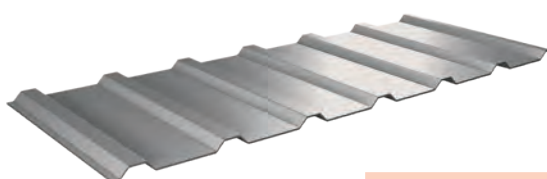


≠0,50 to 0,80 length max 9 lm

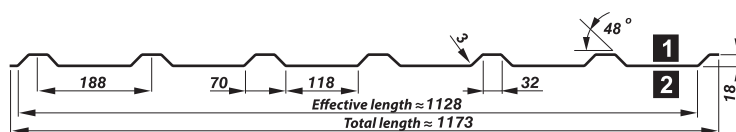


COATING:					STEEL SHEET THICKNESS
polyester	hybrid	polyurethane	zinc	aluzinc	0,50 mm to 0,80 mm
glossy					
25 µm	40 µm	50 µm	200, 275 g/m ²	150, 185 g/m ²	

T 18 roof



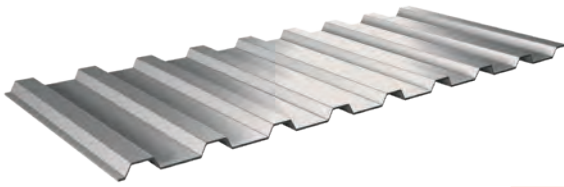
≠0,50 to 0,80 length max 9 lm



COATING					STEEL SHEET THICKNESS
polyester	hybrid	polyurethane	zinc	aluzinc	0,50 mm to 0,80 mm
glossy					
25 µm	40 µm	50 µm	200, 275 g/m ²	150, 185 g/m ²	

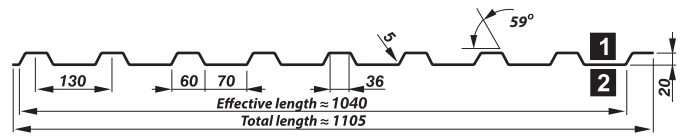
TRAPEZOIDAL PROFILES

T 20 roof



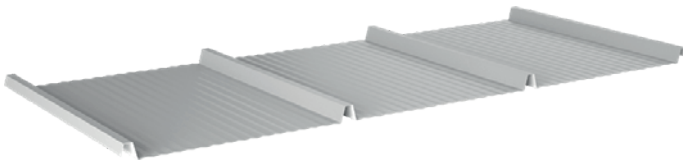
±0,50 to 0,75

length max 9 lm



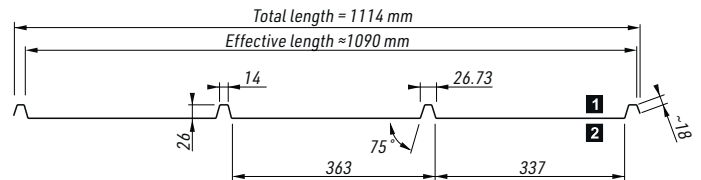
COATING:					STEEL SHEET THICKNESS
polyester		hybrid	polyurethane	aluzinc	0,50 mm to 0,75 mm
glossy	matt				
25 µm	35 µm	40 µm	50 µm	150, 185 g/m ²	

T 26 SUPER



±0,50 to 0,75

length max 9 lm



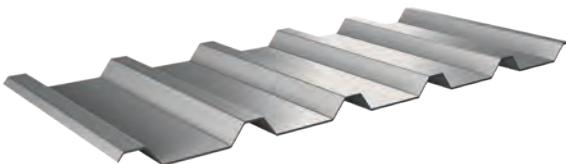
TYPE OF PROFILES:

- F - micro-wave
- T - micro-trapezoidal



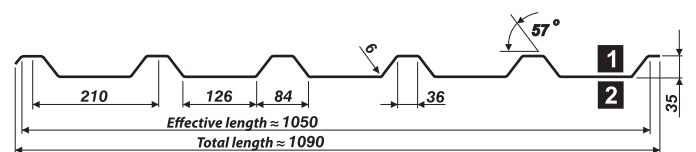
COATING:					STEEL SHEET THICKNESS
polyester		hybrid	polyurethane	zinc	0,50 mm to 0,75 mm
glossy	matt				
25 µm	35 µm	40 µm	50 µm	200, 275 g/m ²	
				aluzinc	150, 185 g/m ²

T 35 roof



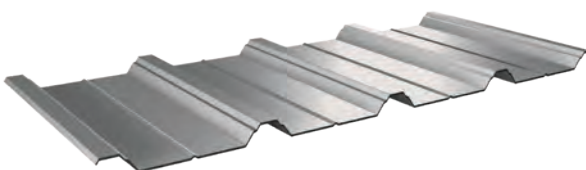
±0,50 length max 9 lm

≥ 0,70 length max 12 lm

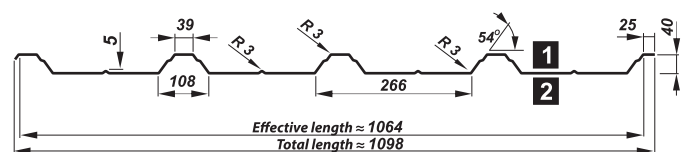


COATING:					STEEL SHEET THICKNESS
polyester		hybrid	polyurethane	zinc	od 0,50 mm to 1,00 mm
glossy	matt				
25 µm	35 µm	40 µm	50 µm	200, 275 g/m ²	
				aluzinc	150, 185 g/m ²

T 40 roof



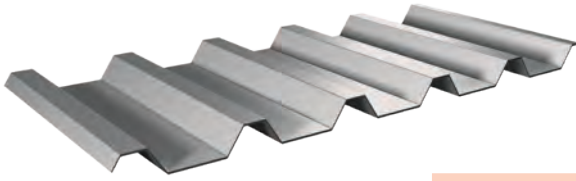
±0,50 length max 9 lm ≥ 0,70 length max 12 lm



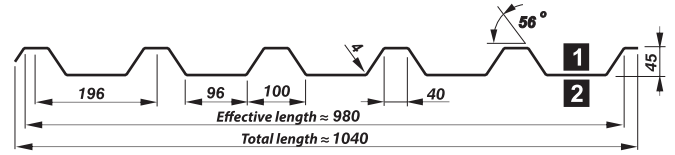
COATING:					STEEL SHEET THICKNESS
polyester		hybrid	polyurethane	zinc	0,50 mm to 1,0 mm
glossy	matt				
25 µm	35 µm	40 µm	50 µm	200, 275 g/m ²	
				aluzinc	150, 185 g/m ²

TRAPEZOIDAL PROFILES

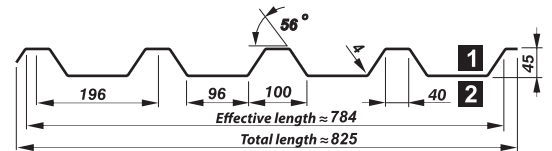
T 45 roof



≠0,50 length max 9 lm ≥ 0,70 length max 12 lm



COATING:					STEEL SHEET THICKNESS
polyester	hybrid	polyurethane	zinc	aluzinc	0,50 mm to 1,00 mm
glossy 25 µm	40 µm	50 µm	200, 275 g/m ²	150, 185 g/m ²	



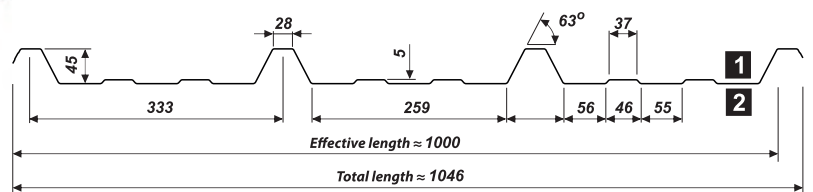
COATING:	STEEL SHEET THICKNESS
zinc 200, 275 g/m ²	0,50 mm to 1,00 mm

T 45P roof



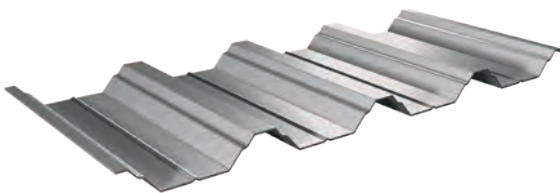
≠0,50 length max 10 lm

≠ 0,70 length max 12 lm



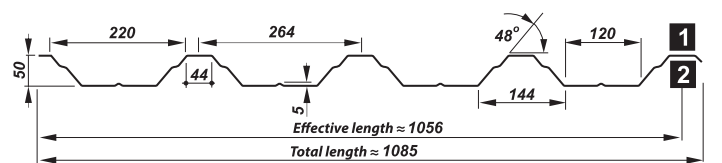
COATING:					STEEL SHEET THICKNESS
polyester	hybrid	polyurethane	zinc	aluzinc	0,50 mm to 0,70 mm
glossy 25 µm	40 µm	50 µm	200, 275 g/m ²	150, 185 g/m ²	

T 50P roof



≠0,50 length max 10 lm

≥ 0,70 length max 12 lm

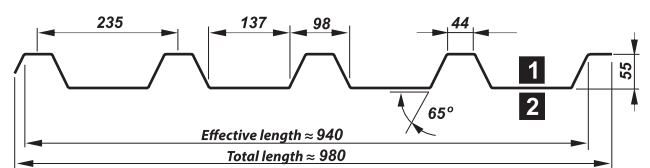


COATING:					STEEL SHEET THICKNESS
polyester	hybrid	polyurethane	zinc	aluzinc	0,50 mm to 1,25 mm
glossy 25 µm	40 µm	50 µm	200, 275 g/m ²	150, 185 g/m ²	

T 55P roof



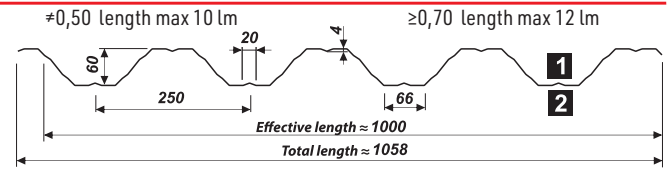
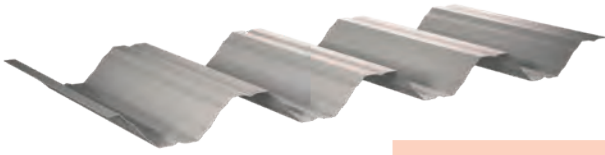
≠0,70 to 1,25 length max 12 lm



COATING:					STEEL SHEET THICKNESS
polyester	hybrid	polyurethane	zinc	aluzinc	0,70 mm to 1,25 mm
glossy 25 µm	40 µm	50 µm	200, 275 g/m ²	150, 185 g/m ²	

TRAPEZOIDAL PROFILES

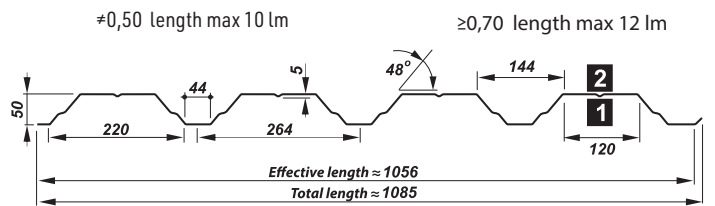
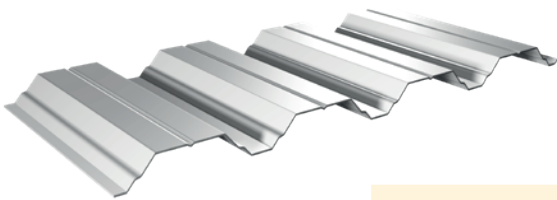
T 60P roof



COATING:						STEEL SHEET THICKNESS
polyester		hybrid	polyurethane	zinc	aluzinc	0,50 mm to 1,25 mm
glossy	matt	40 µm	50 µm	200, 275 g/m ²	150, 185 g/m ²	
25 µm	35 µm					

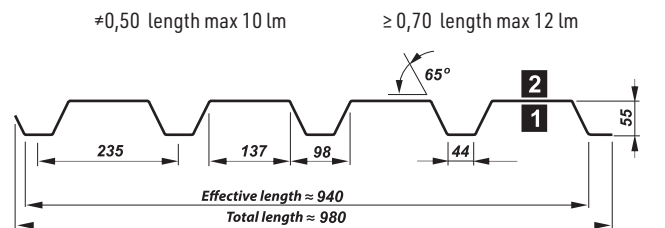
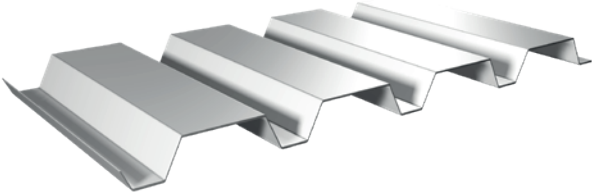
CONSTRUCTION PROFILES

T 50P



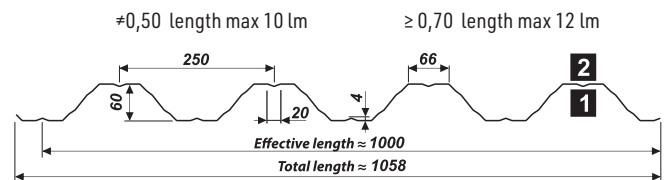
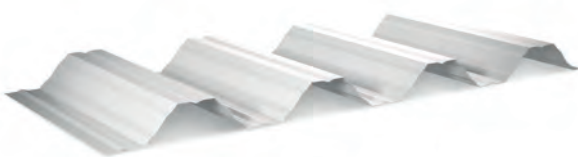
COATING						STEEL SHEET THICKNESS
polyester		hybrid	polyurethane	zinc	aluzinc	0,50 mm to 1,25 mm
glossy	matt	40 µm	50 µm	200, 275 g/m ²	150, 185 g/m ²	
25 µm	35 µm					

T 55P



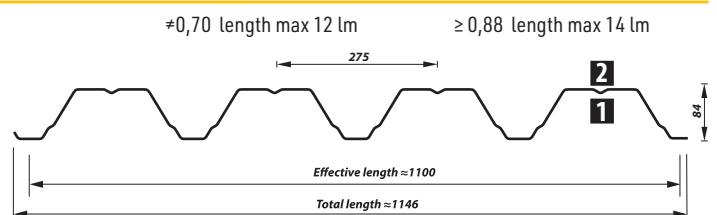
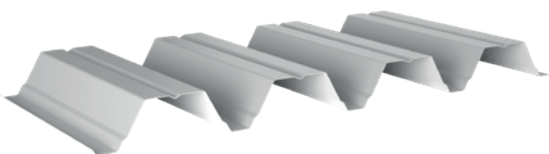
COATING						STEEL SHEET THICKNESS
polyester		hybrid	polyurethane	zinc	aluzinc	0,50 mm to 1,25 mm
glossy	matt	40 µm	50 µm	200, 275 g/m ²	150, 185 g/m ²	
25 µm	35 µm					

T 60P



COATING						STEEL SHEET THICKNESS
polyester		hybrid	polyurethane	zinc	aluzinc	0,50 mm to 1,25 mm
glossy	matt	40 µm	50 µm	200, 275 g/m ²	150, 185 g/m ²	
25 µm	35 µm					

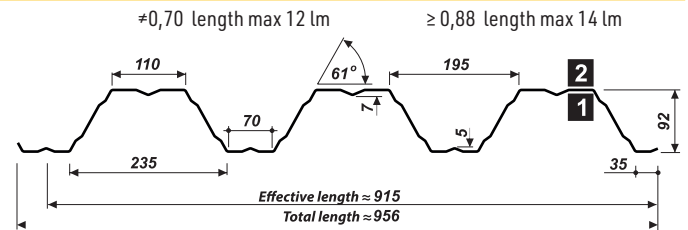
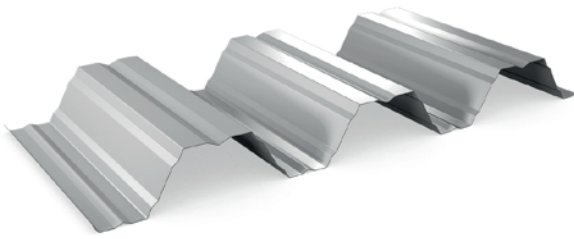
T 84



COATING		STEEL SHEET THICKNESS
polyester glossy	zinc	0,70 mm to 1,25 mm
15 and 25 µm	200, 275 g/m ²	

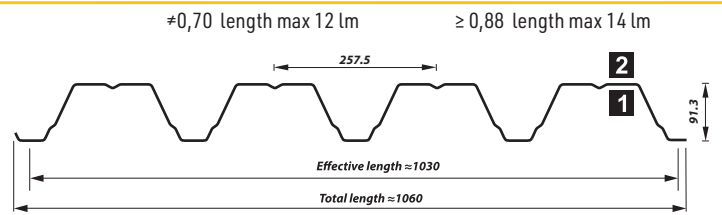
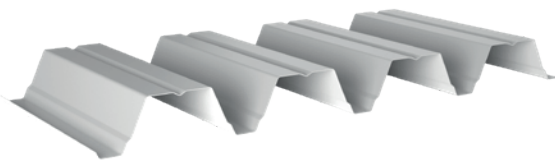
TRAPEZOIDAL PROFILES

T 92P



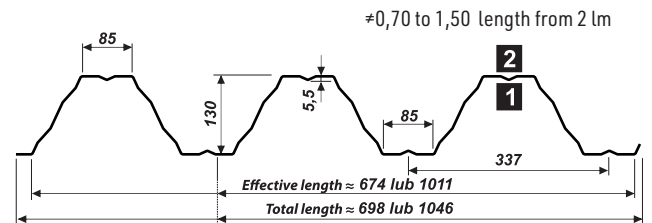
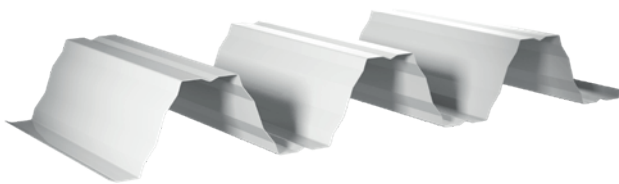
COATING		STEEL SHEET THICKNESS
polyester glossy 15 and 25 µm	zinc 200, 275 g/m ²	0,70 mm to 1,25 mm

T 94



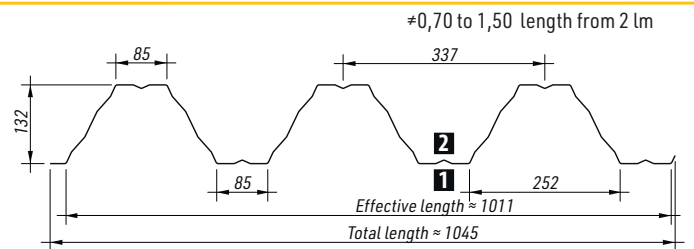
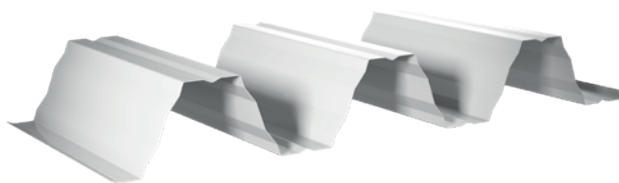
COATING		STEEL SHEET THICKNESS
polyester glossy 15 and 25 µm	zinc 200, 275 g/m ²	0,70 mm to 1,50 mm

T 130



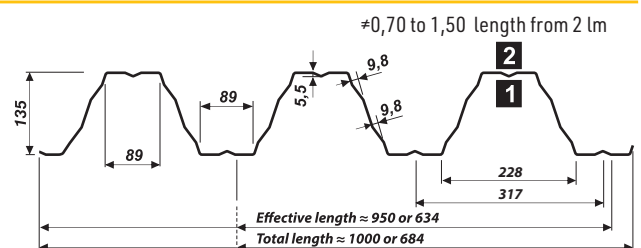
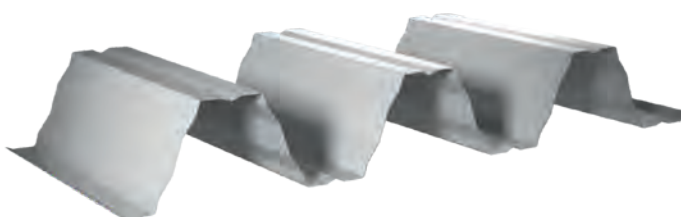
COATING			STEEL SHEET THICKNESS
polyester glossy 15 and 25 µm	zinc 200, 275 g/m ²	aluzinc 150, 185 g/m ²	0,70 mm to 1,50 mm

T 133



COATING			STEEL SHEET THICKNESS
polyester glossy 15 and 25 µm	zinc 200, 275 g/m ²	aluzinc 150, 185 g/m ²	0,70 mm to 1,50 mm

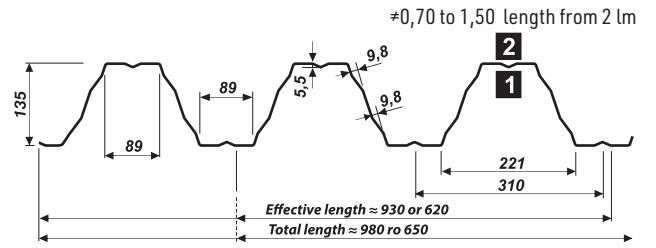
T 135



COATING		STEEL SHEET THICKNESS
polyester glossy 15 and 25 µm	zinc 200, 275 g/m ²	0,70 mm to 1,50 mm

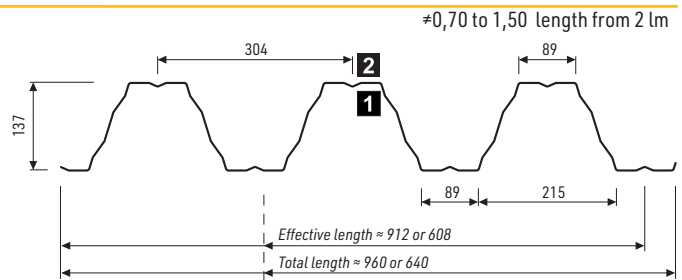
TRAPEZOIDAL PROFILES

T 135P



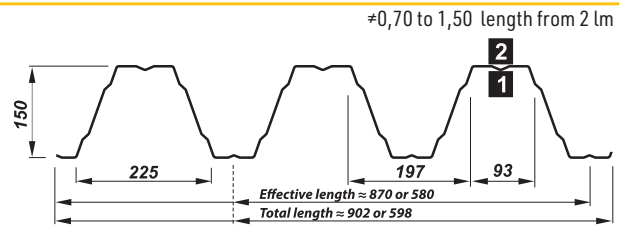
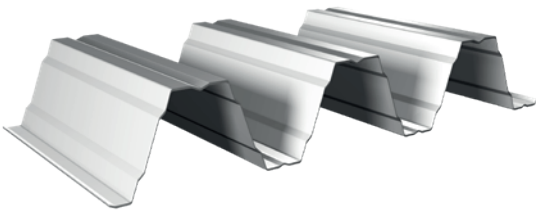
COATING		STEEL SHEET THICKNESS
polyester glossy 15 and 25 μm	zinc 200, 275 g/m^2	0,70 mm to 1,50 mm

T 140



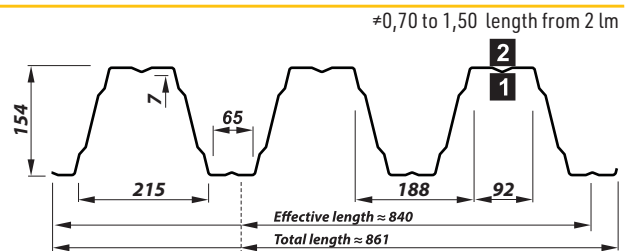
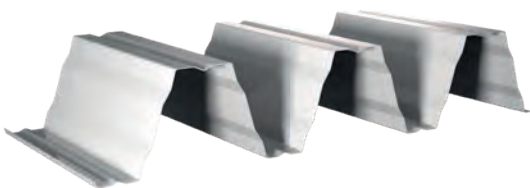
COATING		STEEL SHEET THICKNESS
polyester glossy 15 and 25 μm	zinc 200, 275 g/m^2	0,70 mm to 1,50 mm

T 150



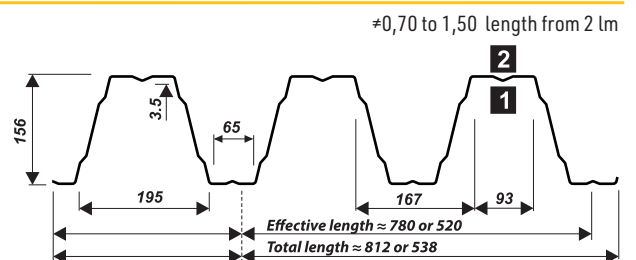
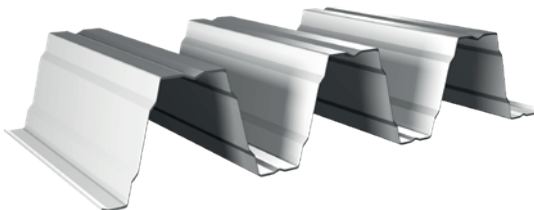
COATING		STEEL SHEET THICKNESS
polyester glossy 15 and 25 μm	zinc 200, 275 g/m^2	0,70 mm to 1,50 mm

T 155



COATING		STEEL SHEET THICKNESS
polyester glossy 15 and 25 μm	zinc 200, 275 g/m^2	0,70 mm to 1,50 mm

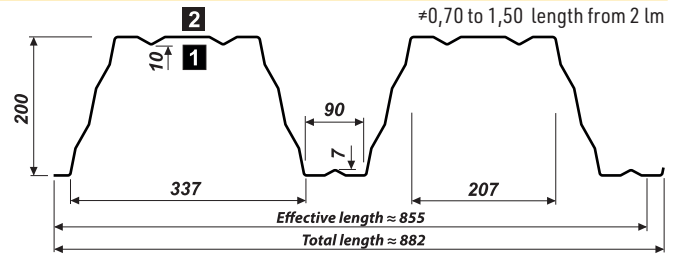
T 160



COATING		STEEL SHEET THICKNESS
polyester glossy 15 and 25 μm	zinc 200, 275 g/m^2	0,70 mm to 1,50 mm

TRAPEZOIDAL PROFILES

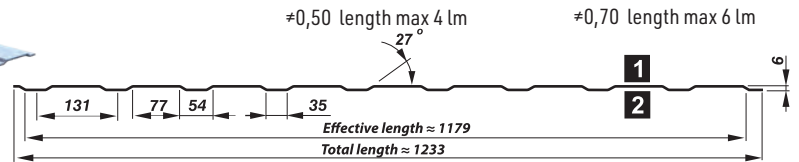
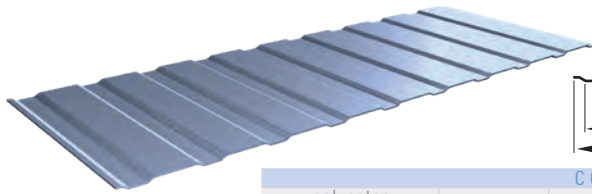
T 200



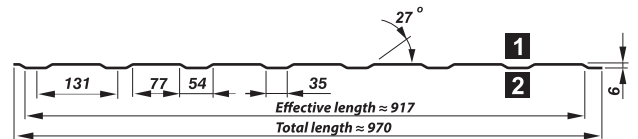
COATING		STEEL SHEET THICKNESS
polyester glossy	zinc	0,70 mm to 1,50 mm
15 and 25 μm	200, 275 g/m^2	

ELEVATION PROFILES

T 6 elevation

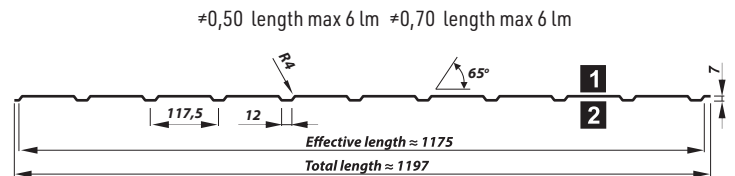
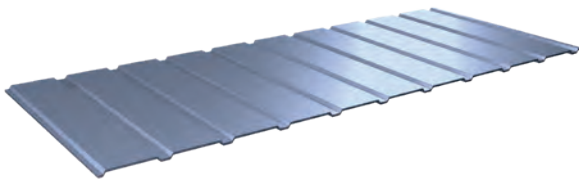


COATING					STEEL SHEET THICKNESS
polyester	hybrid	polyurethane	zinc	aluzinc	0,50 mm to 0,70 mm
glossy 25 μm	matt 35 μm	40 μm	50 μm	200, 275 g/m^2	



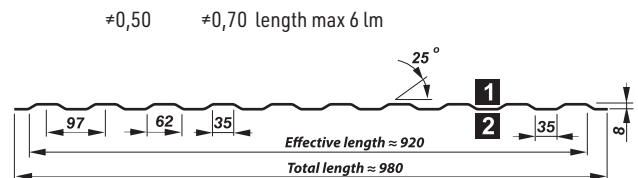
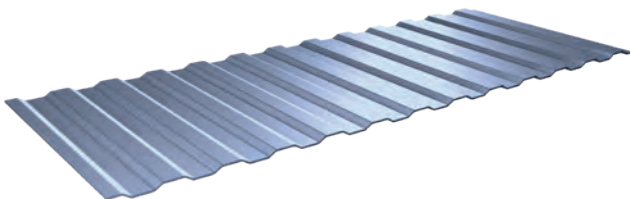
COATING	STEEL SHEET THICKNESS
zinc	0,50 mm to 0,70 mm
200, 275 g/m^2	

T 7 elevation

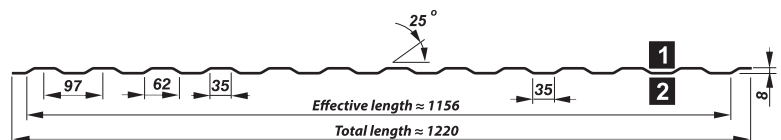


COATING					STEEL SHEET THICKNESS
polyester	hybrid	polyurethane	zinc	aluzinc	0,50 mm to 0,70 mm
glossy 25 μm	matt 35 μm	40 μm	50 μm	200, 275 g/m^2	

T 8 elevation



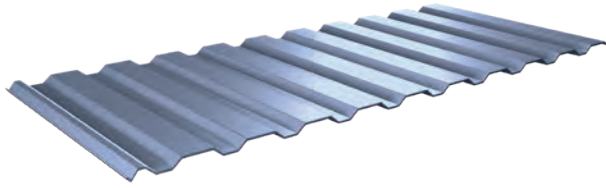
COATING:	STEEL SHEET THICKNESS
zinc	0,50 mm to 0,70 mm
200, 275 g/m^2	



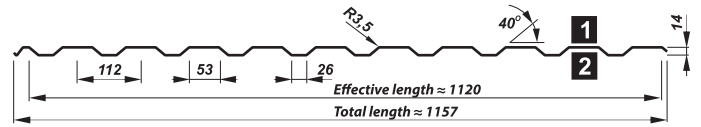
COATING					STEEL SHEET THICKNESS
polyester	hybrid	polyurethane	zinc	aluzinc	0,50 mm to 0,70 mm
glossy 25 μm	matt 35 μm	40 μm	50 μm	200, 275 g/m^2	

TRAPEZOIDAL PROFILES

T 14 elevation

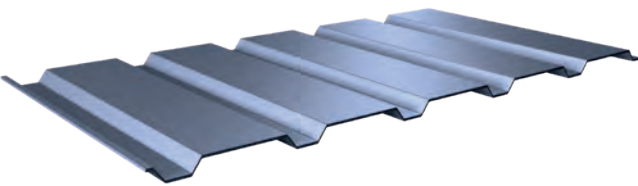


≠0,50 length max 6 lm ≠0,70 length max 7 lm

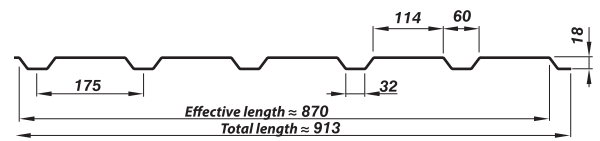


COATING					STEEL SHEET THICKNESS
polyester		hybrid	polyurethane	zinc	0,50 mm to 0,70 mm
glossy	25 µm	matt	35 µm	40 µm	
			50 µm	200, 275 g/m ²	150, 185 g/m ²

T 18 galvanised - elevation

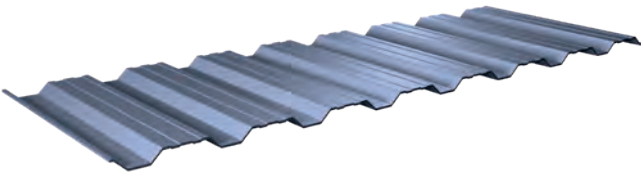


≠0,50 length max 7 lm ≥0,60 length max 8 lm

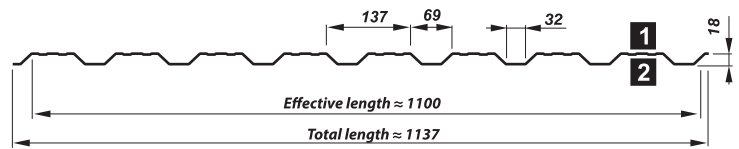


COATING	STEEL SHEET THICKNESS
zinc	0,50 mm to 0,80 mm
200, 275 g/m ²	

T 18 DR elevation

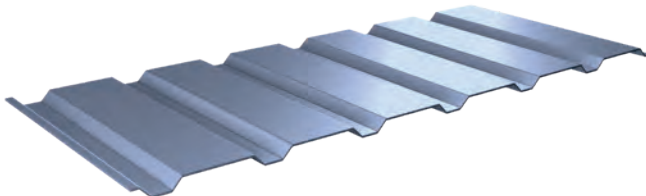


≠0,50 to 0,70 length max 9 lm

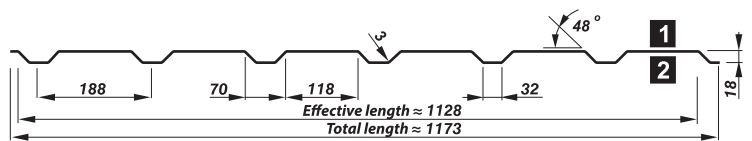


COATING					STEEL SHEET THICKNESS
polyester		hybrid	polyurethane	zinc	0,50 mm to 0,70 mm
glossy	25 µm	matt	35 µm	40 µm	
			50 µm	200, 275 g/m ²	150, 185 g/m ²

T 18 elevation

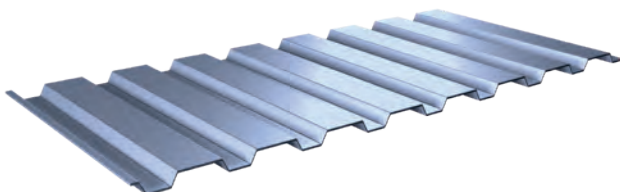


≠0,50 to 0,75 length max 9 lm

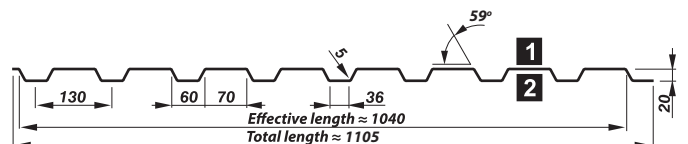


COATING					STEEL SHEET THICKNESS
polyester		hybrid	polyurethane	zinc	0,50 mm to 0,75 mm
glossy	25 µm	matt	35 µm	40 µm	
			50 µm	200, 275 g/m ²	150, 185 g/m ²

T 20 elevation



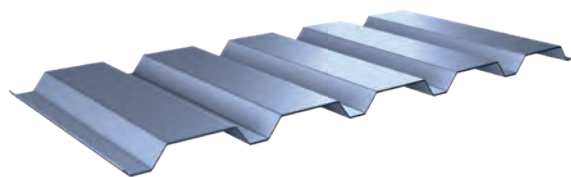
≠0,50 to 0,75 length max 9 lm



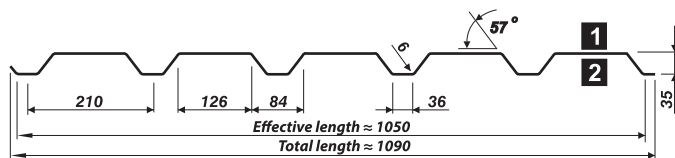
COATING					STEEL SHEET THICKNESS
polyester		hybrid	polyurethane	aluzinc	0,50 mm to 0,75 mm
glossy	25 µm	matt	35 µm	40 µm	
			50 µm	150, 185 g/m ²	

TRAPEZOIDAL PROFILES

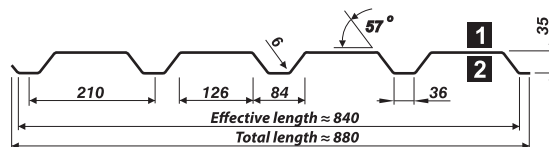
T 35E elevation



≠0,50 length max 9 lm ≥0,70 length max 12 lm

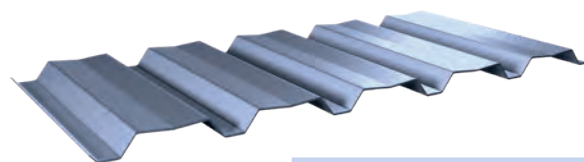


COATING:					STEEL SHEET THICKNESS	
polyester		hybrid	polyurethane	zinc	aluzinc	0,50 mm to 1,00 mm
glossy	matt					
25 µm	35 µm	40 µm	50 µm	200, 275 g/m ²	150, 185 g/m ²	

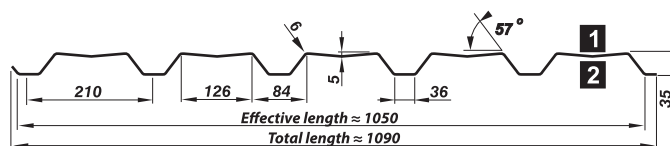


COATING:	STEEL SHEET THICKNESS
zinc	0,50 mm to 1,00 mm
200, 275 g/m ²	

T 35EL elevation

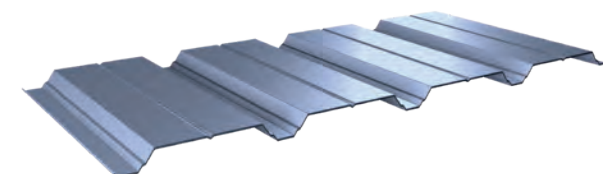


≠0,50 length max 9 lm ≥0,70 length max 12 lm

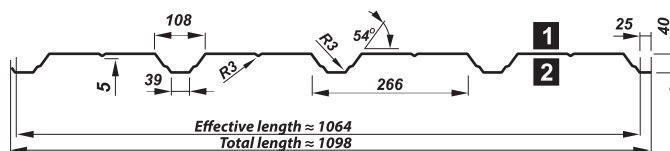


COATING					STEEL SHEET THICKNESS	
polyester		hybrid	polyurethane	zinc	aluzinc	0,50 mm to 1,00 mm
glossy	matt					
25 µm	35 µm	40 µm	50 µm	200, 275 g/m ²	150, 185 g/m ²	

T 40 elevation

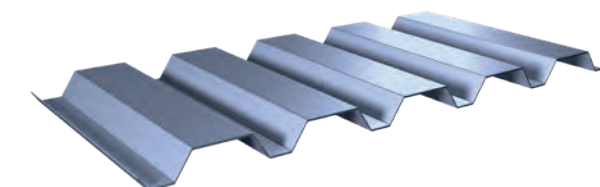


≠0,50 length max 9 lm ≥0,70 length max 12 lm

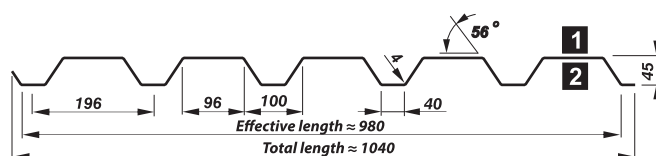


COATING:					STEEL SHEET THICKNESS	
polyester		hybrid	polyurethane	zinc	aluzinc	0,50 mm to 1,0 mm
glossy	matt					
25 µm	35 µm	40 µm	50 µm	200, 275 g/m ²	150, 185 g/m ²	

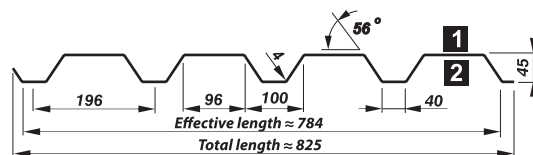
T 45 elevation



≠0,50 długość max 9 mb ≥0,70 długość max 12 mb



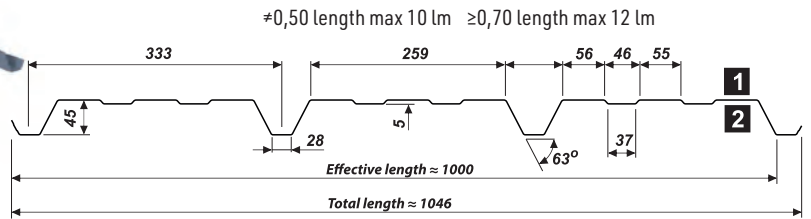
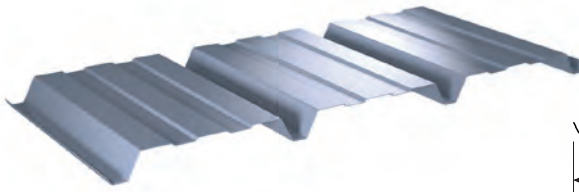
COATING:					STEEL SHEET THICKNESS	
polyester		hybrid	polyurethane	zinc	aluzinc	0,50 mm to 1,0 mm
glossy	matt					
25 µm	35 µm	40 µm	50 µm	200, 275 g/m ²	150, 185 g/m ²	



COATING:	STEEL SHEET THICKNESS
zinc	0,50 mm to 1,0 mm
200, 275 g/m ²	

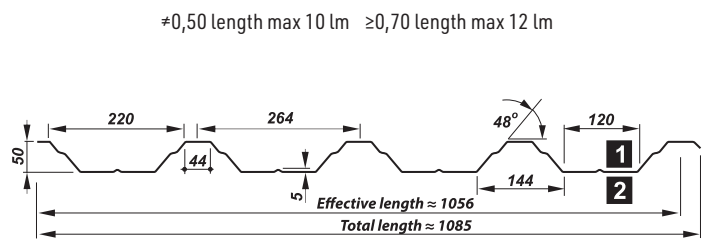
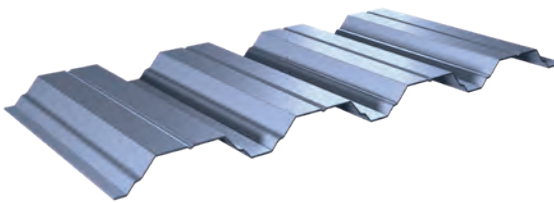
TRAPEZOIDAL PROFILES

T 45P elevation



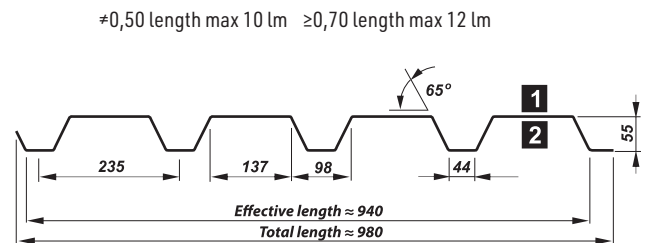
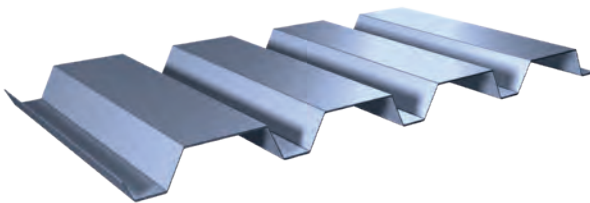
COATING					STEEL SHEET THICKNESS
polyester	hybrid	polyurethane	zinc	aluzinc	0,50 mm to 1,00 mm
glossy 25 µm		50 µm	200, 275 g/m ²	150, 185 g/m ²	
matt 35 µm	40 µm				

T 50P elevation



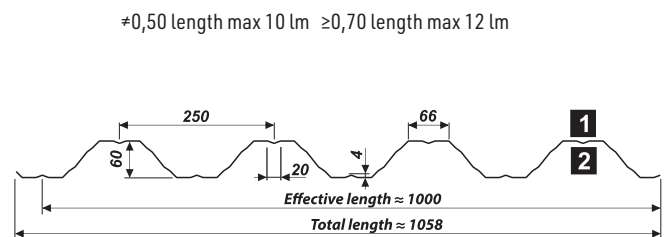
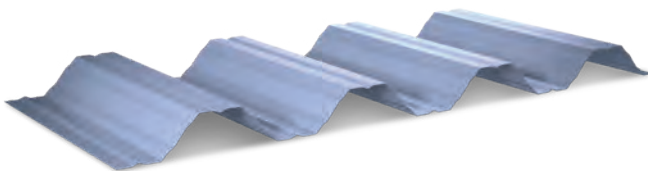
COATING					STEEL SHEET THICKNESS
polyester	hybrid	polyurethane	zinc	aluzinc	0,50 mm to 1,25 mm
glossy 25 µm		50 µm	200, 275 g/m ²	150, 185 g/m ²	
matt 35 µm	40 µm				

T 55P elevation



COATING					STEEL SHEET THICKNESS
polyester	hybrid	polyurethane	zinc	aluzinc	0,50 mm to 1,25 mm
glossy 25 µm		50 µm	200, 275 g/m ²	150, 185 g/m ²	
matt 35 µm	40 µm				

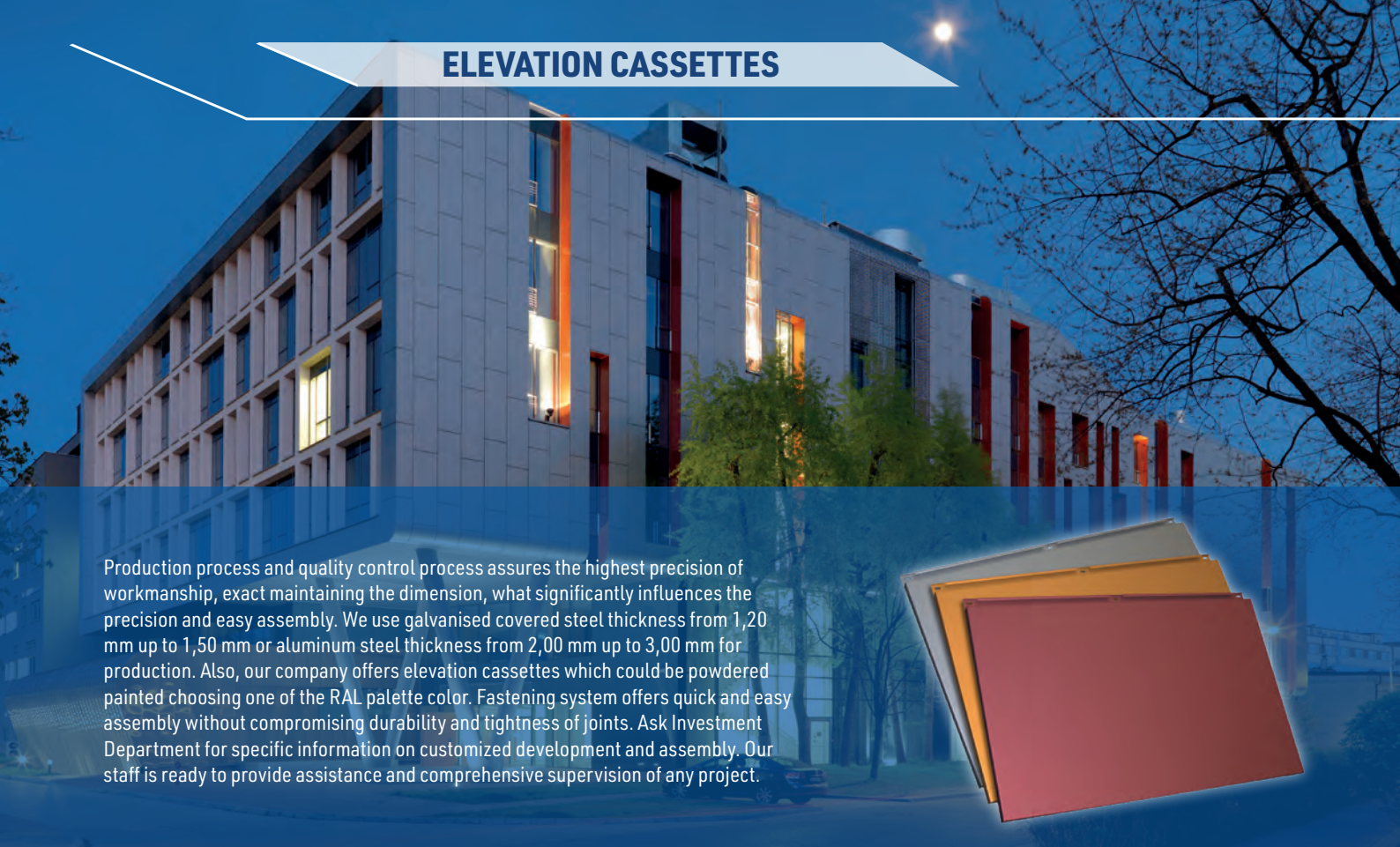
T 60P elevation



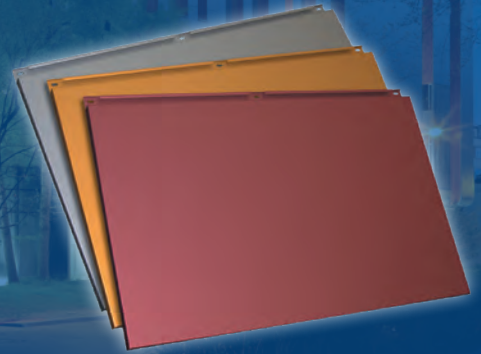
COATING					STEEL SHEET THICKNESS
polyester	hybrid	polyurethane	zinc	aluzinc	0,50 mm to 1,25 mm
glossy 25 µm		50 µm	200, 275 g/m ²	150, 185 g/m ²	
matt 35 µm	40 µm				

ACOUSTIC VERSION OF TRAPEZOIDAL SHEETS IS MANUFACTURED WITH PERFORATION

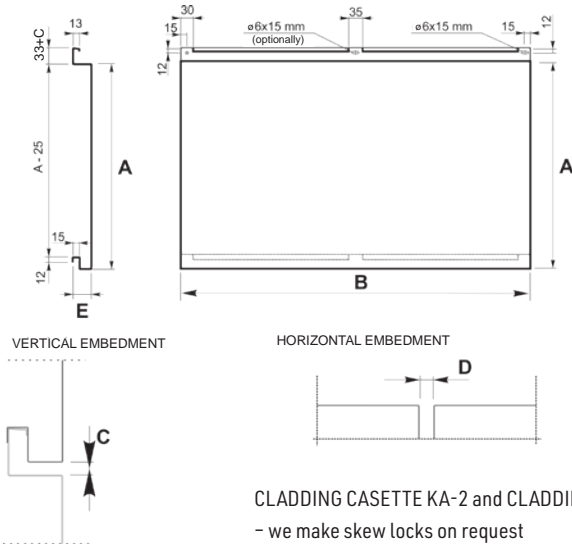
ELEVATION CASSETTES



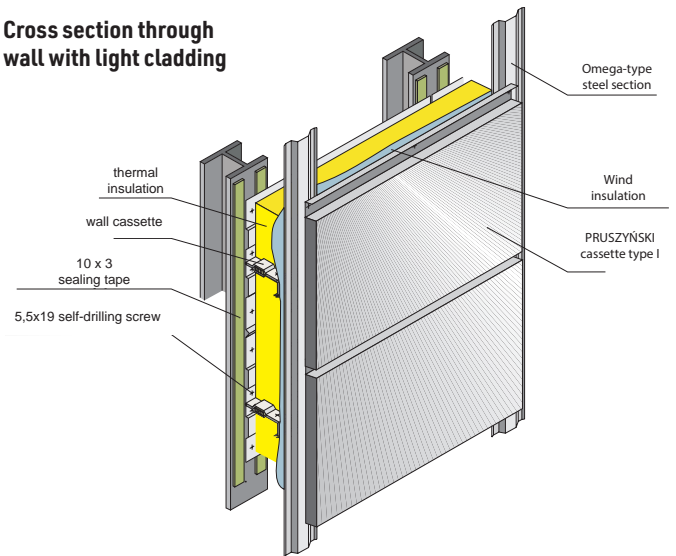
Production process and quality control process assures the highest precision of workmanship, exact maintaining the dimension, what significantly influences the precision and easy assembly. We use galvanised covered steel thickness from 1,20 mm up to 1,50 mm or aluminum steel thickness from 2,00 mm up to 3,00 mm for production. Also, our company offers elevation cassettes which could be powdered painted choosing one of the RAL palette color. Fastening system offers quick and easy assembly without compromising durability and tightness of joints. Ask Investment Department for specific information on customized development and assembly. Our staff is ready to provide assistance and comprehensive supervision of any project.



CLADDING CASSETTE KA-1 and CLADDING CASSETTE KS-1



Cross section through wall with light cladding



Dimension way	A		B		C		D		E	
	min	max	min	max	min	max	min	max	min	max
thickness/material										
steel										
1,20	120	800	200	2800	0	30	acc. to design		30	60
1,25	120	800	200	2800	0	30	acc. to design		30	60
1,50	120	1000	200	2800	0	30	acc. to design		35	60
aluminium										
2,00	120	600	200	2400	0	50	acc. to design		35	60
2,50	120	800	200	2400	0	50	acc. to design		45	80
3,00	265	1000	200	2400	0	50	acc. to design		50	80



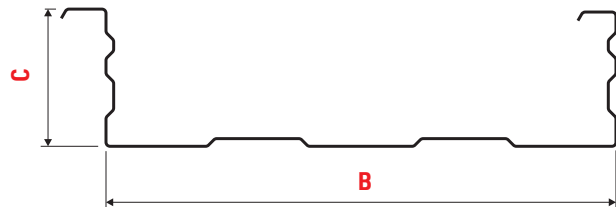
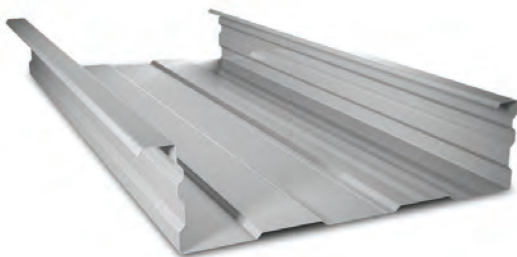
Sets of cassettes Pruszyński KA-1, KS-1, KA-2 and KS-2 for wall cladding received **TOP BUILDER 2021** award

CASSETTES

Cassette

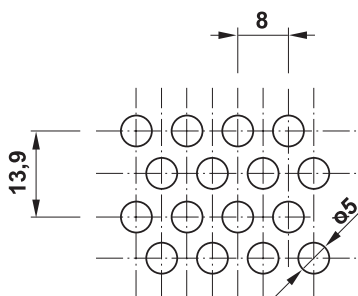
New deeper wall cassettes is perfect material to quick wall constructions, especially of industrial halls/warehouses. Whole construction has now better stiffness and tightness.

Cassette is produced in 2 widths: 500 and 600 mm and range of height from 110 to 200 mm.

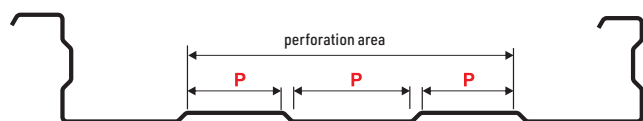


- thickness** - from 0.7 to 1.5 mm
- colour** - according to RAL
- coating** - galvanised, glossy polyester
- length** - minimum cassette length 1.5 m

B - total width	>>	500 mm	600 mm
C - total height	>>	from 110 to 200 mm	from 110 to 200 mm

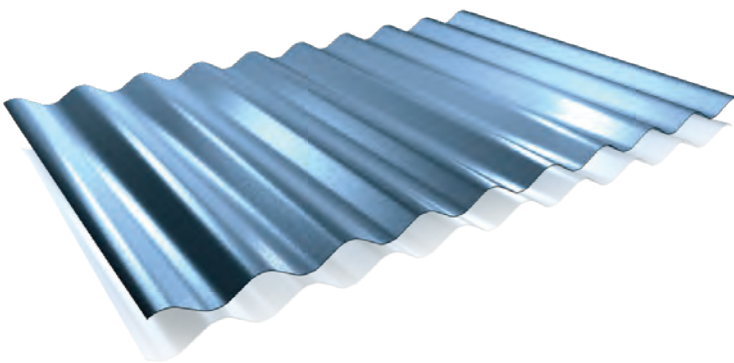


Type of perforation according to Pruszyński's standard

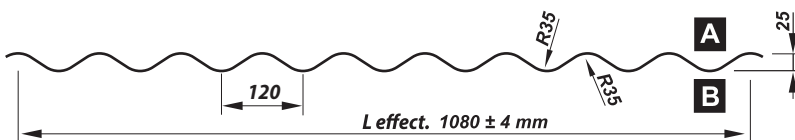


PF 25

Corrugated elevation profiles combine modern shape and technology with traditional for Blachy Pruszyński solicitude to the highest quality. Corrugated elevation profiles are applied the same way as trapezoidal profiles – for the construction 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. They excellently emphasize the object originality which is currently as substantial as functionality and life time. The Blachy Pruszyński offers profile PF25 with slight wave that serves as an excellent profile for smaller buildings and as a decorative element.



Profile height [mm]	25
Core width [mm]	1250
Effective width [mm]	1080
Total width [mm]	1114
Max. Sheet length [mb]	6 / 7
Min. sheet length [mb]	0,5
Thickness [mm]	0,5 / 0,7
Perforation	yes
Accessories	screws, nails, anti-condensation film



NOTE: The profiles are suitable for elevation when:
A is coated with decorative coating,
B is coated with protective coating (primer)

WALL PANELS PS

Panel

Wall panels PS are outstanding product for cladding of the walls and facades of industrial and service buildings, supermarkets and warehouses. It fulfils protective and aesthetic goals.

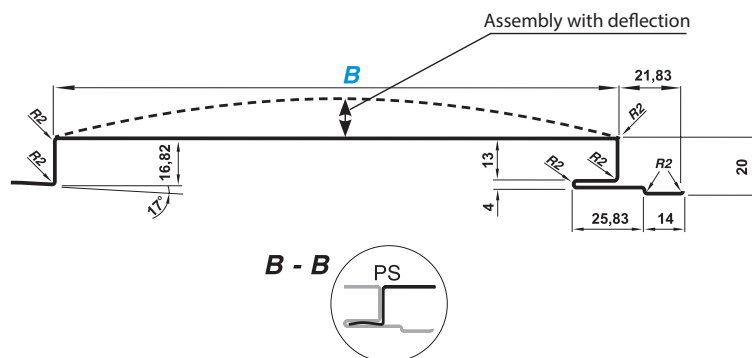
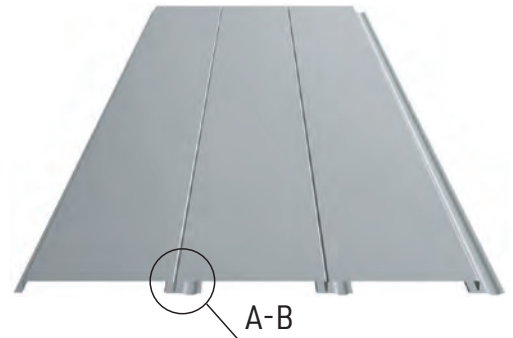
thickness - 0,5; 0,7 mm

Width - 155; 215; 315 mm (panels with width 315 mm are available only in thickness 0,7 mm)

Colour - see: page 51

Coating - glossy polyester, matt polyester

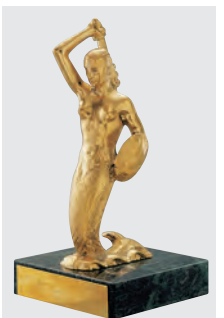
length - Panels can have any length between 1 - 8 m



B - total width

PS: 155 / 215 / 315

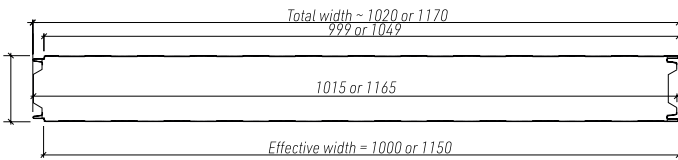
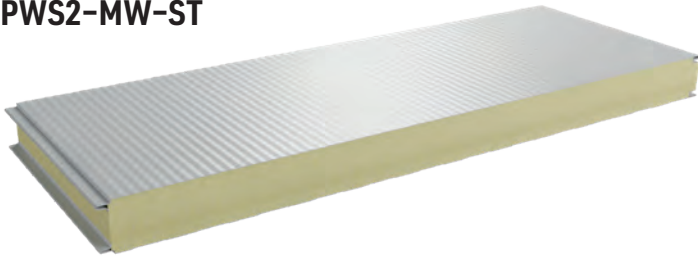
ALL PRODUCTS HOLD ITB (BUILDING RESEARCH INSTITUTE) AND PZH (NATIONAL INSTITUTE OF HYGIENE) CERTIFICATES



ZŁOTA SYRENKA
Honorary award
granted at Warsaw
Building Industry Fairs
for WALL PANELS,
a product displaying
high technical and
usable qualities

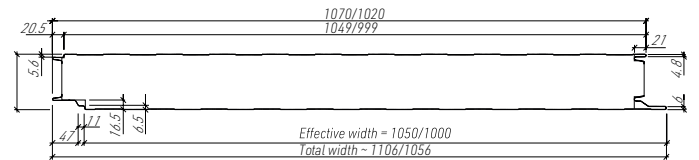
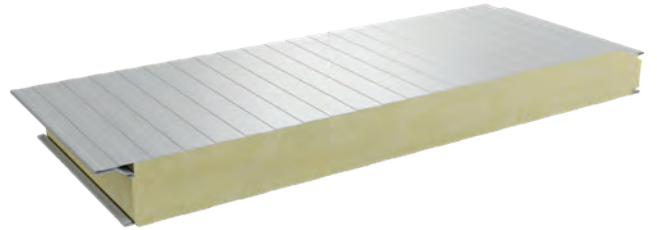
WALL SANDWICH PANELS WITH MINERAL WOOL

PWS2-MW-ST



core [kg/m ³]	Mineral wool with density of 115
thickness of panels [mm]	60, 80, 100, 120, 140, 160, 180, 200, 220, 240
effective width [mm]	1000, 1150
total width [mm]	1020, 1170
minimal length of panel [lm]	2,0
maximum length of panel [lm]	16 (depending on the colour)*
thickness of steel sheets ext./int. [mm]	0,5 - 0,7
type of external profile	trapezoidal - T micro-trapezoidal - M wave - F nanowave - N flat - P*
type of internal profile	trapezoidal - T
coverings	polyester glossy, polyurethane, Colorcoat HPS200 Ultra®
accessories	fastening elements, seals, flashings

PWS2-MW-PL



core [kg/m ³]	Mineral wool with density of 115
thickness of panels [mm]	60, 80, 100, 120, 140, 160, 180, 200, 220
effective width [mm]	1000, 1050
total width [mm]	1056, 1106
minimal length of panel [lm]	2,0
maximum length of panel [lm]	16 (depending on the colour)*
thickness of steel sheets ext./int. [mm]	0,5 - 0,7
type of external profile	trapezoidal - T micro-trapezoidal - M wave - F nanowave - N flat - P*
type of internal profile	trapezoidal - T, flat - P
coverings	polyester glossy, polyurethane, Colorcoat HPS200 Ultra®
accessories	fastening elements, seals, flashings

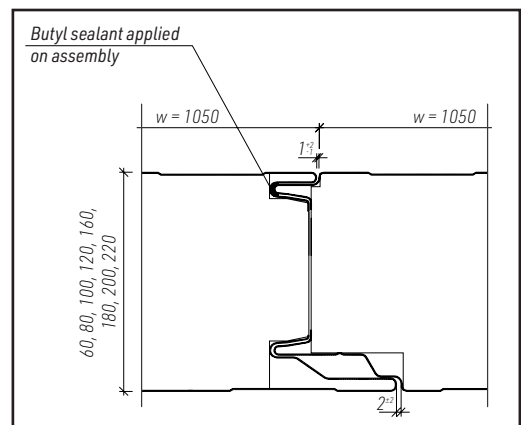
JOINT LOCK FOR PANELS

PWS-MW-ST
PWS-MW-EKO

core thickness	60, 80, 100	120, 140, 160, 180	200, 220, 240
joint lock			

JOINT LOCK FOR PANELS

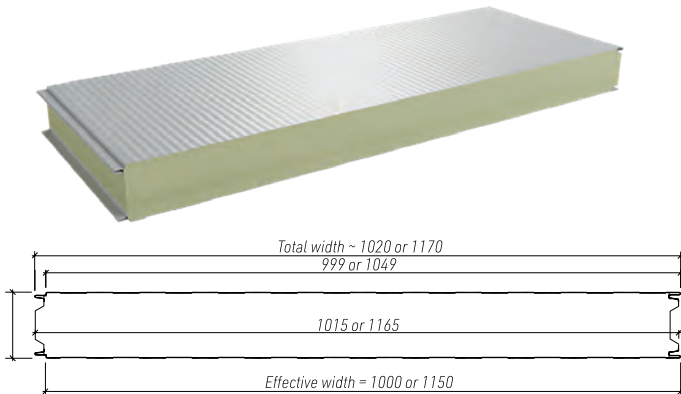
PWS-MW-PL



* length / colour (minimum length - 2 lm)
max to 6 lm - (dark colours) RAL 9006, RAL 3016, RR28, RAL 8017, RAL 8016, RR032, RAL 9005, RAL 8004, RAL 7024, RAL 5010, RAL 5003, RAL 6005
max to 9 lm - (light colours), RAL 7000, RAL 7035, RAL 1021
max to 16 lm - (very light colours) RAL 9010, RAL 9002

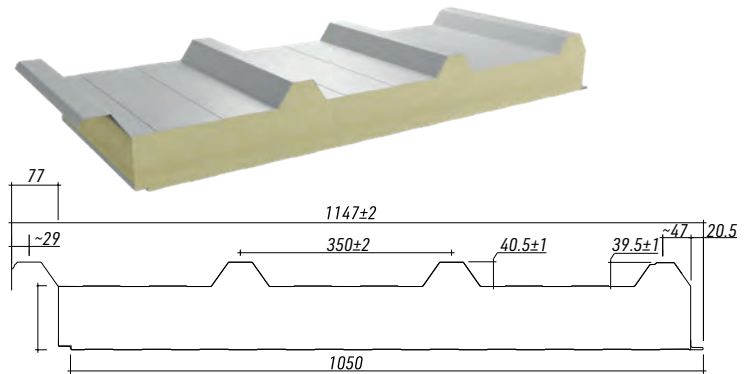
WALL SANDWICH PANELS WITH MINERAL WOOL

PWS2-MW-EKO



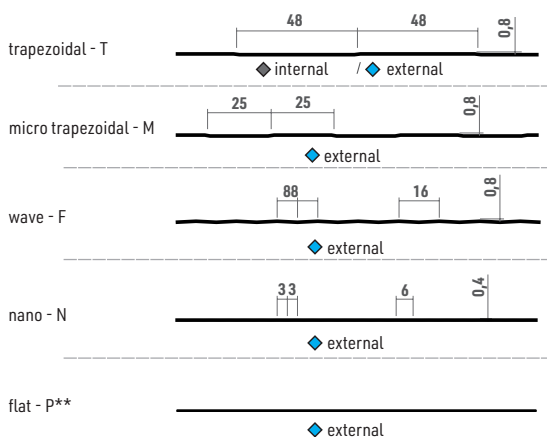
core [kg/m ³]	Mineral wool with density of 80
thickness of panels [mm]	60, 80, 100, 120, 140, 160, 180, 200, 220, 240
effective width [mm]	1000, 1150
total width [mm]	1020, 1170
minimal length of panel [lm]	2,0
maximum length of panel [lm]	16 (depending on the colour)*
thickness of steel sheets ext./int. [mm]	0,5 - 0,7
type of external profile	trapezoidal - T micro-trapezoidal - M wave - F
type of internal profile	trapezoidal - T
coverings	polyester glossy, polyurethane, Colorcoat HPS200 Ultra®
accessories	fastening elements, seals, flashings

PWD2-MW



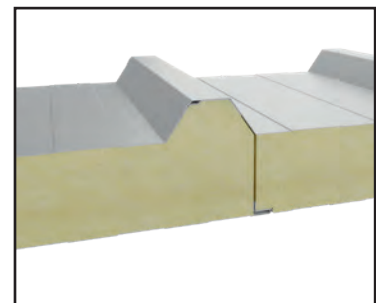
core [kg/m ³]	Mineral wool with density of 115
thickness of panels [mm]	100, 120, 140, 160, 180, 200, 230, 240, 250, 260, 270, 280
effective width [mm]	1050
total width [mm]	1147±2
minimal length of panel [lm]	2,0
maximum length of panel [lm]	16 (depending on the colour)*
thickness of steel sheets ext./int. [mm]	0,5 - 0,7
type of external profile	trapezoidal T40
type of internal profile	trapezoidal - T
coverings	polyester glossy, polyurethane, Colorcoat HPS200 Ultra®
accessories	fastening elements, seals, flashings

PROFILATION OPTIONS



**flat profilation is available only for thickness ≥ 0,6 mm

JOINT LOCK FOR PANELS PWD-MW



The offer also includes coatings for internal steel sheets which may be used in a chemically aggressive environment.
see page 50

SANDWICH PANELS WITH POLYURETHANE CORE PIRTECH

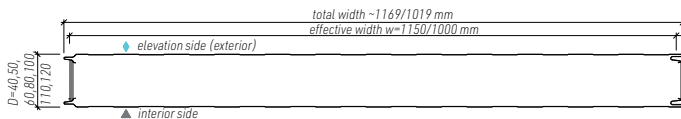


PIRTECH
wall sandwich panel - standard



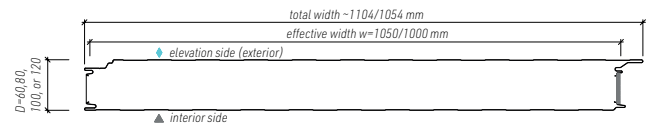
PIRTECH
wall sandwich panels PLUS

cross section



core	polyurethane PIR
thickness of panels [mm]	40, 50 ⁽²⁾ , 60, 80, 100, 110, 120
effective width [mm]	1000, 1150
total width [mm]	1019, 1170
weight of 1 m ² [kg]	9,2 - 12,4 ⁽³⁾
minimal length of panel [lm]	2,0
maximum length of panel [lm]	18 ⁽¹⁾
thickness of steel sheets ext./int. [mm]	0,5/0,4 0,4 - 0,7 / 0,4 - 0,63 for order
Lambda ratio [W/mK]	0,022
type of external profile	trapezoidal - T micro-trapezoidal - M wave - F cassette - K
type of internal profile	trapezoidal - T
coverings	polyester glossy, polyurethane, Colorcoat HPS200 Ultra®
accessories	fastening elements, seals, flashings

cross section



core	polyurethane PIR
thickness of panels [mm]	60, 80, 100, 120
effective width [mm]	1000, 1050
total width [mm]	1054, 1104
weight of 1 m ² [kg]	10,5 - 12,9 ⁽³⁾
minimal length of panel [lm]	2,0
maximum length of panel [lm]	18 ⁽¹⁾
thickness of steel sheets ext./int. [mm]	0,5/0,4 0,4 - 0,7 / 0,4 - 0,63 for order
Lambda ratio [W/mK]	0,022
type of external profile	trapezoidal - T micro-trapezoidal - M wave - F cassette - K
type of internal profile	trapezoidal - T
coverings	polyester glossy, polyurethane, Colorcoat HPS200 Ultra®
accessories	fastening elements, seals, flashings

⁽¹⁾ applicable only to colours from I group - very light

⁽²⁾ ask for availability

⁽³⁾ Weights were determined for thickness of facings 0,50/0,40 mm and only for standard modules



type of profiles:



⁽⁴⁾ available only for external claddings

STRESS DISTRIBUTOR

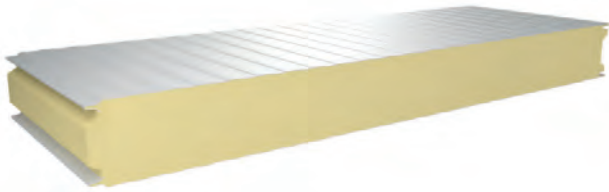
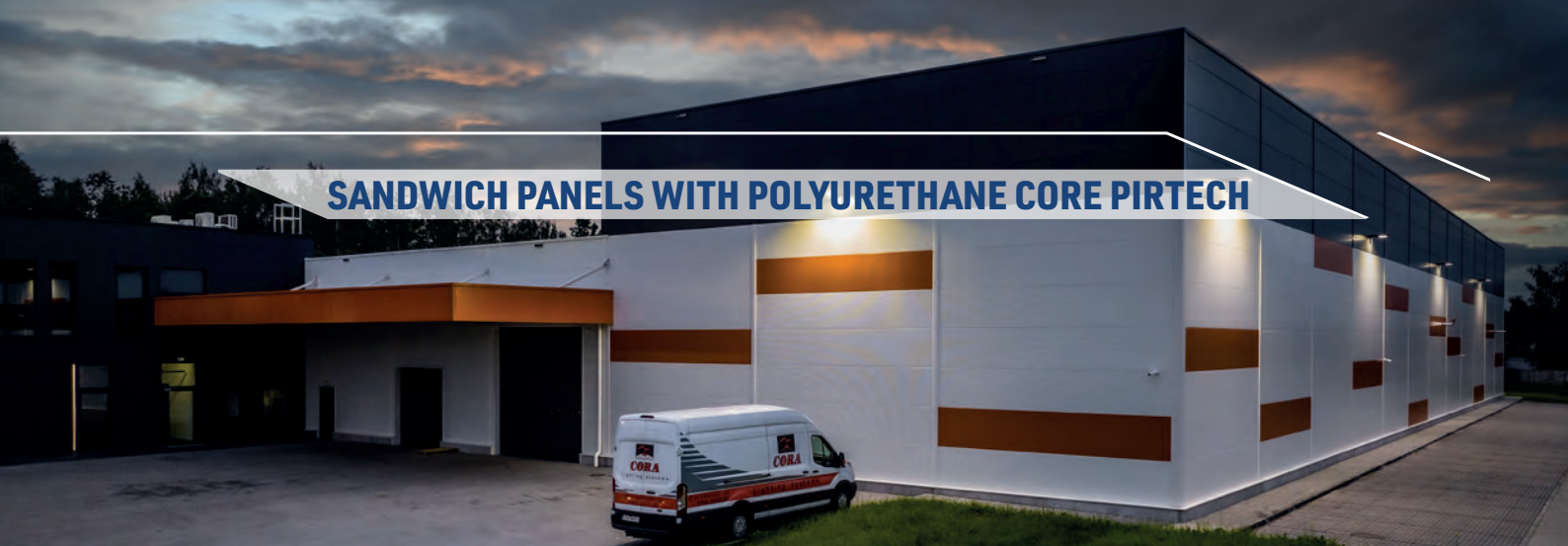
Stress distributor is necessary element used during assembly of PIRTECH PLUS Sandwich Panels with hidden joint. Not using it can lead to decrease of carrying capacity of panels for 30%. It has 3 holes for easy placing of fasteners towards construction. It's meant to use 2 fasteners for one such element.



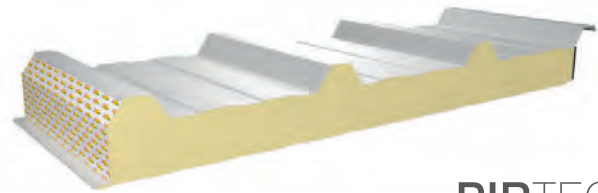
EUROPEAN MODEL 2017 for wall and roof sandwich panels PIRTECH

Prize given by European Affairs, Business Centre Club and European Committee Economical - Social for products and services presenting european quality

SANDWICH PANELS WITH POLYURETHANE CORE PIRTECH

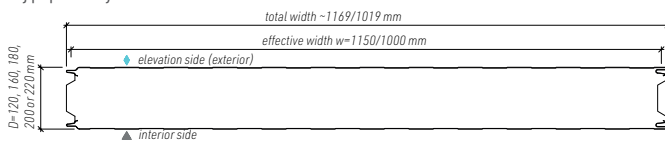


PIRTECH
cold storage sandwich panels



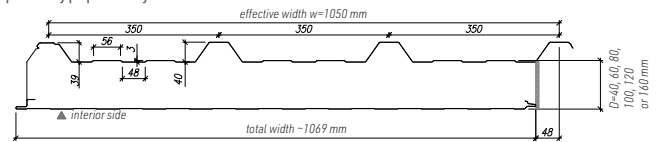
PIRTECH
roof sandwich panels

przekrój poprzeczny



core	polyurethane PIR
thickness of panels [mm]	120, 160, 180, 200, 220
effective width [mm]	1000, 1150
total width [mm]	1019, 1169
weight of 1m ² [kg]	12,4-16,4 ⁽³⁾
minimal length of panel [lm]	2,0
maximum length of panel [lm]	18 ⁽¹⁾
thickness of steel sheets ext./int. [mm]	0,5/0,4 0,5 - 0,7 / 0,5 - 0,63 for order
Lambda ratio [W/mK]	0,022
type of external profile	trapezoidal - T micro-trapezoidal - M wave - F cassette - K
type of internal profile	trapezoidal - T
coverings	polyester glossy, polyurethane, Colorcoat HPS200 Ultra [®]
accessories	fastening elements, seals, flashings

przekrój poprzeczny



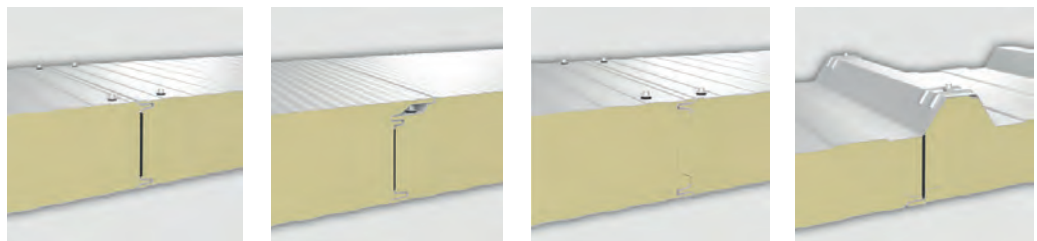
core	polyurethane PIR
thickness of panels [mm]	40, 60, 80, 100, 120, 160
effective width [mm]	1050
total width [mm]	1069
weight of 1m ² [kg]	9,9-14,7 ⁽³⁾
minimal length of panel [lm]	2,0
maximum length of panel [lm]	18 ⁽¹⁾
thickness of steel sheets ext./int. [mm]	0,5/0,4 0,4 - 0,7 / 0,4 - 0,63 for order
Lambda ratio [W/mK]	0,022
type of external profile	trapezoidal T40
type of internal profile	trapezoidal - T
coverings	polyester glossy, polyurethane, Colorcoat HPS200 Ultra [®]
accessories	fastening elements, seals, flashings

The offer also includes coatings for internal steel sheets that are used in a chemically aggressive environment - see page 50

Types of PIRTECH panels

name	STANDARD -ST	PLUS -PL	COLD STORAGE -CH	ROOF
signature	PWS-PIR-ST	PWS-PIR-PL	PWS-PIR-CH	PWD-PIR

lock



Profiles U, C+, Σ+

Blachy Pruszyński company launched new production line for cold-bended profiles with new additional profiles: U, C+, Σ+. What's more, new line is equipped in laser cut, which enables made of different cuts, excisions in any part of profile and bends under purlin bracings.

Holes

Profiles U, C+, Σ+ can be made with assembly holes (Ø 12 mm, Ø 14 mm, Ø 16 mm, Ø 18 mm, Ø 22 mm, bean 14x25 mm, 19x25 mm).

Material

Galvanised steel tape (S350GD, for order grade S290GD) in thickness from 1,5 to 3,5 mm. Due to use and needs, profiles don't need any additional protection, but they can be powder painted.



„U” profiles

	Sheet thickness mm	weight kg/m	H mm	A=B mm
U 100	1,50	2,57	100	60
	2,00	3,39	100	60
	2,50	4,20	100	60
	3,00	4,99	100	60
	3,50	5,77	100	60
U 150	1,50	2,88	150	48
	2,00	3,81	150	48
	2,50	4,72	150	48
	3,00	5,62	150	48
	3,50	6,50	150	48
U 150	1,50	3,17	150	60
	2,00	4,19	150	60
	2,50	5,20	150	60
	3,00	6,19	150	60
	3,50	7,17	150	60
U 200	1,50	3,50	200	48
	2,00	4,64	200	48
	2,50	5,76	200	48
	3,00	6,86	200	48
	3,50	7,95	200	48
U 250	1,50	4,51	250	65
	2,00	5,98	250	65
	2,50	7,44	250	65
	3,00	8,83	250	65
	3,50	10,25	250	65
U 300	1,50	5,28	300	73
	2,00	7,04	300	74
	2,50	8,80	300	75
	3,00	10,56	300	76
	3,50	12,32	300	77
U 350	1,50	5,66	350	64
	2,00	7,52	350	64
	2,50	9,36	350	64
	3,00	11,18	350	64
	3,50	12,99	350	64
U 400	2,50	10,32	400	63
	3,00	12,34	400	63
	3,50	14,34	400	63

„C+” profiles

	Sheet thickness mm	weight kg/m	H mm	A=B mm
C+ 200	1,50	4,80	200	69
	2,00	6,40	200	72
	2,50	8,00	200	75
	3,00	9,60	200	78
C+ 250	1,50	5,64	250	79
	2,00	7,52	250	82
	2,50	9,32	250	83
	3,00	11,18	250	86
C+ 300	2,50	10,32	300	83
	3,00	12,38	300	86
C+ 350	2,50	11,32	350	83
	3,00	13,58	350	86
C+ 400	2,50	11,68	400	67
	3,00	14,02	400	70

„Σ+” profiles

	Sheet thickness mm	weight kg/m	H mm	L mm	A=B mm
Σ+ 200	1,50	5,04	200	90	70
	2,00	6,62	200	90	70
	2,50	8,20	200	90	71
	3,00	9,84	200	90	74
Σ+ 230	1,50	5,64	230	120	80
	2,00	7,46	230	120	81
	2,50	8,80	230	120	71
	3,00	10,56	230	120	74
Σ+ 260	2,50	9,32	260	150	70
	3,00	11,18	260	150	72
Σ+ 300	2,50	10,32	300	190	74
	3,00	12,38	300	190	77
Σ+ 350	2,50	11,32	350	240	74
	3,00	13,54	350	240	76
Σ+ 350	3,00	14,45	350	290	70

Profiles Z, C, Σ

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

- construction of casing and partition walls,
- laying of floor beams and eaves,
- wall beams,
- roof purlins.

These sections are the supplement to light development system and cladding for industrial, commercial and service facilities.

Openings

Z, C, Σ sections may have assembly openings (Ø 14 mm, Ø 18 mm, bean shaped 19x25 mm). This makes their assembly with screws or rivets easier. Because of the possibility to disassemble the construction 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 painted.

Thickness 3,5 mm is available only for special orders, for more details please contact with our sale representatives.



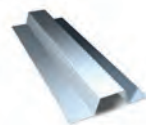
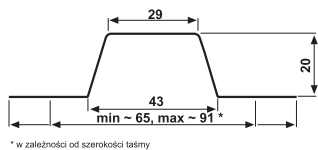
Omega sections

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 range of dimensions allows for applying them in various types of construction.

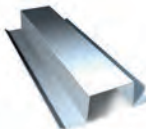
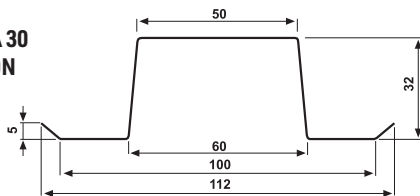
Advantages

- high stiffness and strength;
- durability;
- small weight of the structure;
- ideal plane of the framing;
- convenient and easy assembly

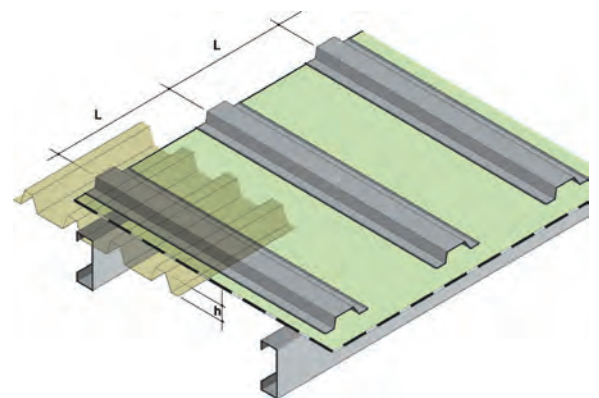
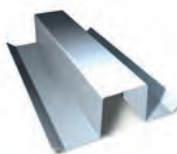
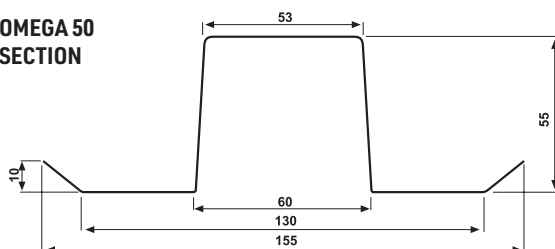
OMEGA 20 SECTION



OMEGA 30 SECTION



OMEGA 50 SECTION



Material

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

Thickness - 0,7 - 1,00 mm
coating - organic
lengths - 0,5 to 6 lm

* Possibility to manufacture in any other dimension up to 6 m in length

PERFORATION

In rich offer of Pruszyński's services there is also perforation of steel sheets. Perforated metal sheets work great as an element of the ventilation system (cover grills, fan housing), in sound-absorbing housing of industrial halls, as a decorative element on facades, balustrades and fences, in lighting (perfectly diffuses light), etc.

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

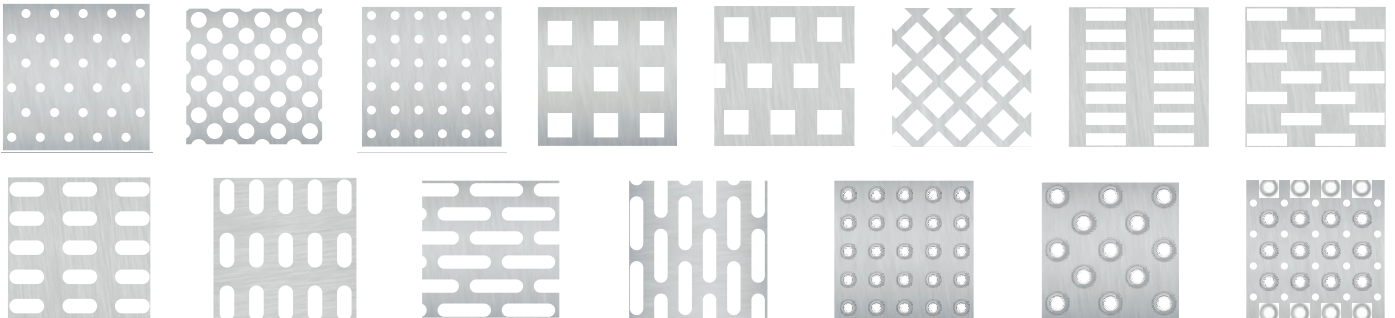
After perforation: the sheets are straightened and cut to size

Additional services: after perforation, sheets can be cut, bend, rolled, welded, powder coated, etc.

Perforated sheets are made in accordance with PN 76 /M-94060/, DIN or in accordance with customer requirements.

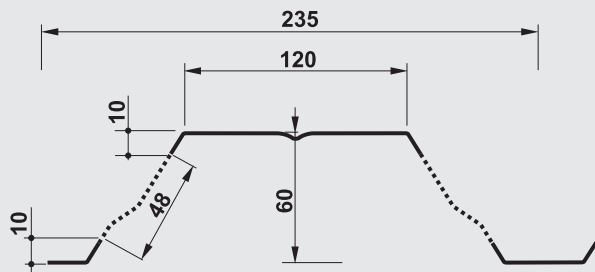
Material: raw steel (black), galvanised, stainless, acid-resistant steel, aluminum, copper, brass, bronze and others.

Possible type of holes:

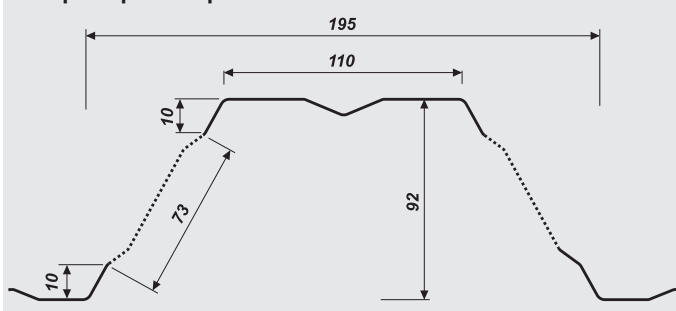


Distribution of perforations for selected trapezoidal profiles is presented below.
It is possible to make perforations tailored to customer requirements.

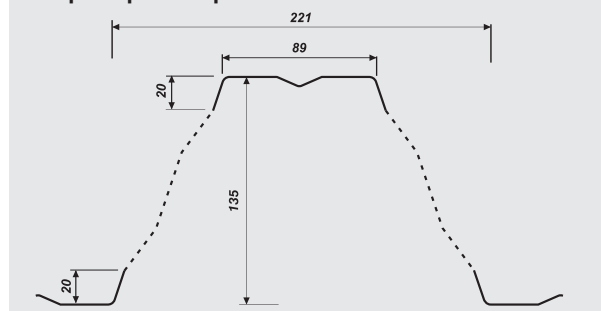
Example of possible perforation T60



Example of possible perforation T92P



Example of possible perforation T135



		FARM	FOOD SAFE
Properties		<ul style="list-style-type: none"> • Very good chemical resistance • Good corrosion resistance • Good formability • Thermosetting paint • Surface treatment and paint: free of hexavalent chromium and heavy metals 	<ul style="list-style-type: none"> • Very good UV resistance • Excellent corrosion resistance • Very good formability • Robust coating • Thermosetting paint • Surface treatment and paint: free of hexavalent chromium and heavy metals
Applications		Inner side of cladding, roofing (single sheets or sandwich panels), to be used in the aggressive environment of livestock and farm buildings	In cold storage rooms and food industry, for humid and aggressive conditions, with need to admission of safe temporary contact with food.
Description	Thickness	35 microns	120 microns
	Composition	Front (inner side of the building): 15 microns primer + 20 microns top coat Back (outer side of the building): Granite® HD, Granite® HDS, Granite® HDX for double-sided finish; 5 or 7 microns backing coat for sandwich panels	Front: 25 microns primer + 30 microns top coat Back: 10 or 12 microns backing coat Double-side finish available
	Gloss (Gardner 60°)	30 GU; Other gloss levels on request	30 GU; Other gloss levels on request
	Colours	Various shades of white	RAL 9010
	Appearance	Smooth	Grained
	Temporary protection (optional)	Self-adhesive film or heat-sealed film	Not applicable
Performance	Adhesion of the coating (T-bend)	≤ 1T	≤ 1T
	Resistance to cracking on bending (T-bend)	≤ 2T	≤ 1.5T
	Impact resistance	18 J	18 J
	Clemen scratch resistance	≥ 2 kg	≥ 3 kg
	Surface "pencil" hardness	HB To H	NOT APPLICABLE
	Corrosion resistance: • Salt spray test • Corrosion resistance category	360 hours	700 hours Rc5
	Condensation resistance: • QCT test • Corrosion protection (interior) category	1500 hours CPI4	1500 hours CPI4
	UV resistance: • QUV (UVA + H2O) test (2000 hours) • UV resistance category	NOT APPLICABLE	ΔE ≤ 2; GR ≥ 80 % RUV4
	Fire behaviour classification (EN 13501-1)	A1	A1 for colour class 1 to 4, A2 for metallic colour class 5
	Resistance to acids and bases	Good to very good	Good to very good
	Resistance to ammonia	Very good	Very good
	Resistance to solvents: • Aliphatics and alcohols • Ketones • Aromatics	Very good Very good Very good	Very good Low Good to very good
	Resistance to mineral oils	Very good	Very good
Automatic guarantee	<ul style="list-style-type: none"> • Non-perforation of the sheet metal • Non-delamination of the paint • Aesthetic appearance (ΔE ≤ 3; Gloss retention ≥ 80%) 	NOT APPLICABLE	<ul style="list-style-type: none"> • 35 years, depending on the external environment • 35 years, depending on the external environment • 5 years, depending on the geographic location and the paint colour category
Remarks		These performance characteristics refer specifically to metallic coating Z275 (guaranteed minimum).	these performance characteristics refer specifically to metallic coating Z 275 (guaranteed minimum)

COLORS

POLYESTER COVERINGS

glossy PS 25 µm

RAL 9010 ⁽¹⁾⁽²⁾⁽³⁾ SNOWY WHITE	RAL 9002 ⁽¹⁾⁽²⁾ WHITE	RAL 7035 ⁽¹⁾⁽²⁾ GREY	RAL 9006 ⁽¹⁾⁽²⁾⁽³⁾ SILVER	RAL 9007 ⁽¹⁾⁽²⁾ SILVER METALLIC	RAL 7000 ⁽¹⁾ GREY
RAL 7024 ⁽¹⁾ GRAPHITE	RAL 7016 ⁽¹⁾⁽²⁾ ANTHRACITE	RAL 5010 ⁽¹⁾⁽²⁾ BLUE	RAL 6029 ⁽¹⁾⁽²⁾ GREEN	RAL 6005 ⁽¹⁾ DARK GREEN	RAL 1021 ⁽¹⁾ YELLOW
RAL 1002 ⁽¹⁾⁽²⁾ SAND	RAL 8023 ⁽¹⁾ COPPER	RAL 8004 ⁽¹⁾ BRICK	RAL 3016 ⁽¹⁾⁽²⁾ CORAL	RAL 3005 ⁽¹⁾ DARK CHERRY	RR 028 ⁽¹⁾ CHERRY
RAL 3011 ⁽²⁾ LIGHT CHERRY	RAL 8017 ⁽¹⁾⁽²⁾ BROWN	RR 032 ⁽¹⁾ DARK BROWN	RAL 9005 ⁽¹⁾ BLACK	⁽¹⁾ GOLDEN OAK	RAL 1015 ⁽¹⁾ CREAM - BEIGE

10/30 Guarantee*
for years

The 25 µm layer of polyester varnish is an efficient protection against the destructive impact of UV radiation. The coating protects the steel against corrosion and ensures colour durability for years. Products with glossy polyester (PS) coating are granted even 30-year warranty.

PMG 35 µm coarse matt

RR 011 ⁽¹⁾ GREEN	RR 750 ⁽¹⁾ BRICK	RR 028 ⁽¹⁾ CHERRY	RR 032 ⁽¹⁾ DARK BROWN	RAL 8017 ⁽¹⁾ BROWN	RAL 7016 ⁽¹⁾ ANTHRACITE
RR 033 ⁽¹⁾ BLACK	⁽¹⁾ DARK WALNUT				

15/35 Guarantee*
for years

The coarse-grained PMG polyester coating is 35 µm of efficient protection against external factors. Used primarily for cut-to-size steel roof tiles, it creates a modern, matt finish for the building.

TOPMAT

RR 750 ⁽¹⁾ BRICK	RAL 8017 ⁽¹⁾ BROWN	RAL 7016 ⁽¹⁾ ANTHRACITE	RR 033 ⁽¹⁾ BLACK
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20/35 Guarantee*
for years

TOPMAT® is a 35 µm thick matt polyester surface. It has 20% higher resistance to discoloration and higher corrosion resistance than glossy polyester coating. It's designed for panel roof tiles.

HYBRID COATINGS

PURMAX POWŁOKA HYBRYDOWA

RAL 8004 ⁽¹⁾ BRICK	RAL 8017 ⁽¹⁾ BROWN	RAL 9005 ⁽¹⁾ BLACK	RAL 7016 ⁽¹⁾ ANTHRACITE
----------------------------------	----------------------------------	----------------------------------	---------------------------------------

20/40 Guarantee*
for years

This coating is a combination of 25 µm polyester and 15 µm thick polyurethane. It is characterized by a very high resistance to mechanical damage thanks to innovative methods of hardening varnishes with the use of UV radiation.

POLYURETHANE COVERINGS

PURLAK

RAL 8004 ⁽¹⁾ BRICK	RR 028 ⁽¹⁾ CHERRY
RAL 9005 ⁽¹⁾ BLACK	RAL 7016 ⁽¹⁾ ANTHRACITE

PURMAT

RAL 8017 ⁽¹⁾ BROWN	RR 750 ⁽¹⁾ BRICK	RR 011 ⁽¹⁾ GREEN	RR 028 ⁽¹⁾ CHERRY
RAL 8017 ⁽¹⁾ BROWN	RR 033 ⁽¹⁾ BLACK	RAL 7016 ⁽¹⁾ ANTHRACITE	

30/50 Guarantee*
for years

The polyurethane coverings PURLAK (gloss) and PURMAT (matt) are a 50-micron layer which effectively protects the cover against the harmful effects of sunlight. The risk of corrosion has been minimized, so that the coating can be used even in areas with a high degree of environmental aggressiveness.

(1) steel sheet thickness 0.5 mm, (2) steel sheet thickness 0.7 mm, (3) steel sheet thickness 1.0 mm,

Actual colours may vary from displayed or printed images. The shades of the coatings may vary depending on the steel coil from the product is made of.

If the customer requires a specific shade of coating color, please inform the sales person when placing the order.

*The length of the guarantee depends on the type of guarantee (aesthetic or technical). Check the conditions on the website pruszynski.com.pl or ask at the point of sale.



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Concerns steel rooftiles, trapezoidal profile, sandwich panels PIRTECH, PWS-W, PWS-W EKO, IZOPIR, roof panels, wall cassettes, sinusoidal profile, steel profiles and roof windows.



Concerns elevation cassettes.



Environmental Product Declaration Type III concerns sandwichpanels PIRTECH, sandwichpanels with mineral wool core, wall cassettes, trapezoidal profiles (except T84 and T94) and steel rooftiles: FIORD, REN, LOARA, KARO, REGLE, MODUS, OPTIMA, RUBIN, SZAFIR.

In connection with the offer updating and possible technological changes, PRUSZYŃSKI Sp. z o. o. reserves itself the right to introduce changes to this catalogue without prior notice. This catalogue is not an offer within the meaning of the Commercial Code.
2023.01



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