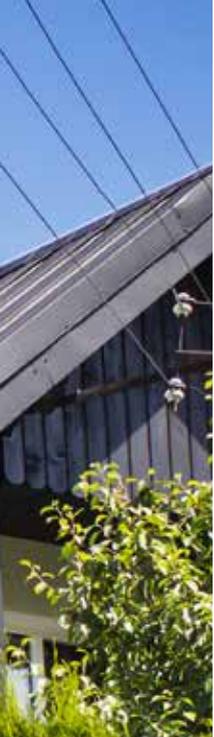




Roof Panel



Thanks to its universal style and wide range of application, it has gained a great popularity in the past years.



Classic look and modern shape

Standing seam roof panel is a solution which refers to the traditional seam or welt installation system. In the course of innovation process, Blachotrapez has designed a product featuring numerous improvements - the **Retro** standing seam roof panel. It combines the functionality, short installation time and easiness of assembly with the exceptional appearance, corresponding with the top design standards.

By merging these features in one product, the roof surface modelling potential is quite wide. Depending on the planned effect, one can highlight the traditional or modern style of the building. The classical and minimal design, together with the straight form make the **Retro** roof panel a perfect choice both for historical and modern buildings, including sacral and public facilities. The contemporary architecture uses it in a two-fold manner - as a roof covering or original facade finish in horizontal or vertical alignment.



Simple and quick assembly, neat look

With a quick lock panels can be joined more firmly and tightly than in case of double seam sheets. Thanks to placing the fitting holes along the seam, they can be covered by the adjacent panels and thus make a neat look. Due to better rigidity, panels can be fixed directly to battens, without any boards. As an additional advantage, roof panels with the Hydrocontrol system can be used, in order to ensure efficient moisture protection.

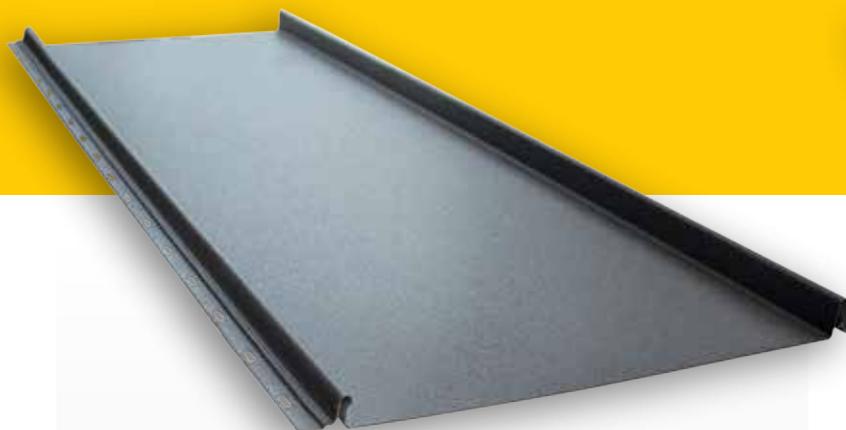


The two longitudinal profiles improve the resistance of the Retro roof panel against possible longitudinal deformation as a result of exposure to changing temperatures.

BLACHOTRAPEZ offers
two basic panel types:

Panel Retro 25 i Panel Retro 38

These panels are a perfect choice for historical buildings (mansions, churches, tenement houses), however they also fit in modern architectural patterns. Furthermore, as roof sheets of great durability, they provide good value for money compared to other roof sheets.



Product features:

- three widths
- available in full colour selection offered by Blachotrapez
- available without ribs, or with one or two ribs
- seam height 25 mm

Retro 25



Product features:

- two widths
- available in full colour selection offered by Blachotrapez
- available without ribs, or with one or two ribs
- seam height 38 mm

Retro 38



Advantages of the Hydrocontrol system:

- absorption of moisture condensating on the internal side of the roof covering,
- additional anti-corrosive protection, especially in buildings with an active chemical environment (e.g. stables, farm buildings),
- higher durability than in case of standard insulation and moisture barriers, resistance to mechanical wear (tearing), non-degradable,
- easy-to-clean (with standard equipment, e.g. hose or pressure washer),
- improvement of the roof noise resistance rate,
- non-flammability and resistance to bacterial decay.

hydrocontrol



Retro 38



Product code:

Retro38/315 *options:P/W/WZ

Retro38/529 *options:P/W/WZ

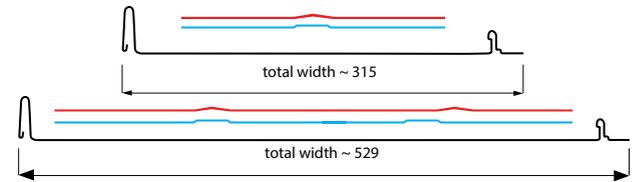
Ribs (height ca. ~2 mm):

Trapezoidal rib width 25 mm

Double trapezoidal rib width 25 mm

Conical rib width 25 mm

Double conical rib width 25 mm



Seam height	38	
Effective width	498	284
Total width	~529	~315
Sheet width	0,5 - 0,7	
Sheet length	max 8 000	
	min 1 400	

*parameters provided in mm

Option: rib - P



Option: indent for folding - W



Option: folding for start piece - WZ



Retro 25



Product code:

Retro25/554 *options:P/W/WZ

Retro25/239 *options:/W/WZ

Retro25/340 *options:P/W/WZ

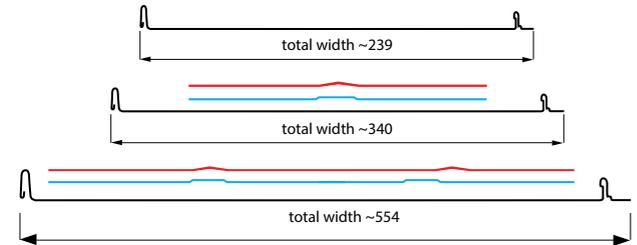
Ribs (height ca. ~2 mm):

Trapezoidal rib width 25 mm

Double trapezoidal rib width 25 mm

Conical rib width 25 mm

Double conical rib width 25 mm



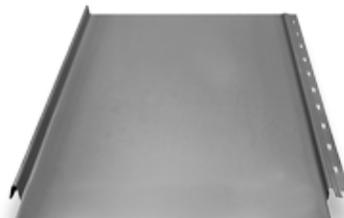
Seam height	25		
Effective width	521	309	209
Total width	~554	~340	~239
Sheet width	0,5 - 0,7		
Sheet length	max 8 000		
	min 1 400		

*parameters provided in mm

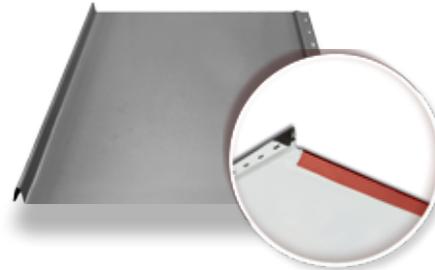
Option: rib - P



Option: indent for folding - W



Option: folding for start piece
- WZ



Code	seam height	the effective width	total width	sheet thickness	The maximum length sheet	options		
						P	W	WZ
Retro38/315	38 mm	284 mm	~315 mm	0,5-0,7 [mm]	8 000 mm	✓	✓	✓
Retro38/529	38 mm	498 mm	~529 mm	0,5-0,7 [mm]	8 000 mm	✓	✓	✓
Retro25/239	25 mm	209 mm	~239 mm	0,5-0,7 [mm]	8 000 mm	✗	✓	✓
Retro25/340	25 mm	309 mm	~340 mm	0,5-0,7 [mm]	8 000 mm	✓	✓	✓
Retro25/554	25 mm	521 mm	~554 mm	0,5-0,7 [mm]	8 000 mm	✓	✓	✓

Recommendations:

- use of heat-generating tools is not allowed during the installation
- begin assembly from left or right side
- while on the roof, use footwear intended for soft and clean surfaces

Fixing screws

Use following screws for the fixing of the RetroPLUS, Retro 25 and Retro 38 panels:
L 4,2 x 32 mm for fixing sheets to wood structure



or
L 4,2 x 19 mm for fixing to steel



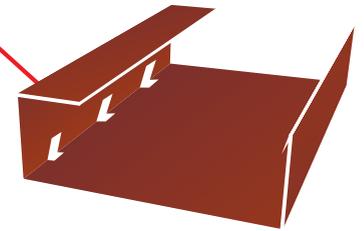
Dedicated accessories

DEDICATED ROOF PANEL ACCESSORIES

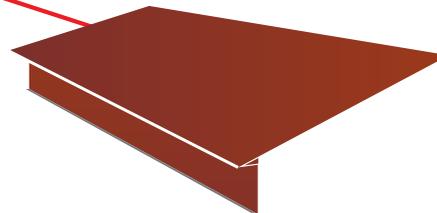
Ridge strap

Selection of ridge strap depends on the chosen roof panel

UNDER-RIDGE TILE WORKING



PARAPET WALL



Retro 25/239 strap length ~ 209 mm
Retro 25/340 strap length ~ 309 mm
Retro 25/340 strap length ~ 521 mm

Retro 38/315 strap length ~ 284 mm
Retro 38/315 strap length ~ 498 mm

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