



IVT

We rise
to the
challenge

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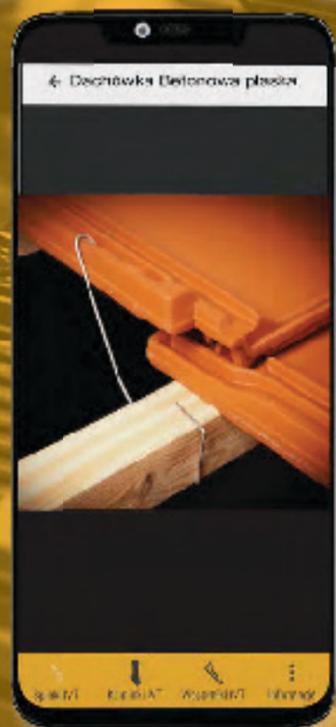
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Roofing accessories for pitched and flat roofs



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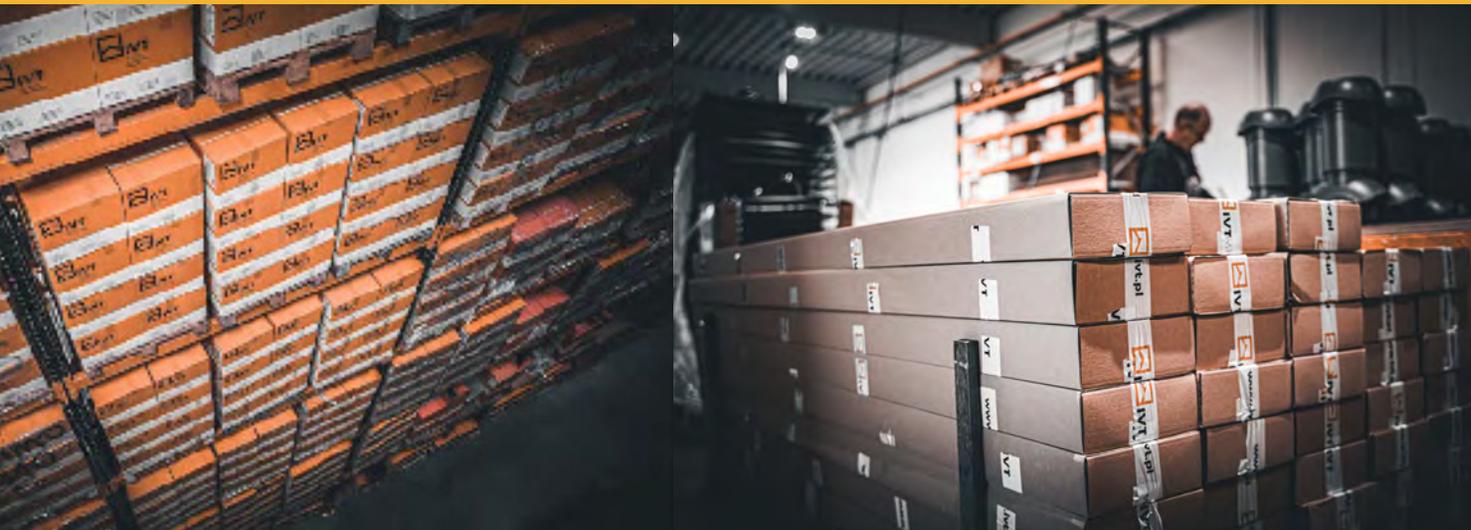
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For many years we have been strictly connected with the roofing sector. We create, design and produce products, which are an integral part of the roof. IVT branded products assure roof ventilation, protect the attic against humidity, seal all connections and crossings through the roof area made for fastening roof tiles, and, finally, provide secure entry onto the roof area and protect against snow fall.

Such a complete range and comprehensive approach to roof areas place us at the forefront of the industry.



Our modern machinery park allows for the effective, energy-saving and ecological production of high-quality products, but, more importantly, offer the best price-quality ratio on the market. Our original technologies give us the edge, not only with the product itself, but also when it comes to flexibility of production and quick product adjustment to the needs of a given customer. We are ready for your orders.





Our modernly designed, constructed and equipped high-bay warehouse, the expansion of which was completed in 2022, has a capacity of over 3,000 pallet places. This enables us to deliver quickly and safely. Our products and our brand are not only known in Poland. We are strongly developing our exports, now to over 20 countries, also outside Europe.

Our employees are at your disposal – answering all your queries, advising you in the selection of products, and providing a price estimate for tailor-made solutions. For each and every one of our clients, we have dedicated regional managers, at the ready, to visit you in your office and answer any of your queries, as well as dedicated workers to facilitate and process orders. In this way, we offer a bespoke service, whereby we get to know our clients face-to-face, offering a unique, individual approach, facilitating mutual, smooth cooperation. We would like to thank all our loyal clients for the cooperation we have had so far, and hope to have in the future. We look forward to cooperating with all our new clients. Please do not hesitate to contact us.



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Roof ridge area, chimney, area, eaves zone, valley and complementary components





PRIMO-ROLL, roof ridge roll

03.02

Application:
Sealing and ventilation of the ridge and hip.

Material:
Side parts – aluminium coated with paints,
Middle parts – polyethylene mesh.

Adhesive layer:
15 mm butyl glue with outstanding adhesiveness properties

Corrugation: approx. 120%.

Installation temperature: from +5°C.

Ventilation area: 150 cm²/1 m.

Roll length: 5 m.

- Non-woven polypropylene with stabilizers resistant to radiation UV and temperature fluctuation.
- High quality adhesive layer with the thickness 15 mm ensuring a long-term usage.
- Five widths of tape enable adjustment to different types of roof made from metal tiles and tiles.



Roof ridge zone

Product no.	Colour	Width [mm]	Packaging	
			Box [m]	Pallet [m]
03021801	black	180	50	1200
03021802	brick red			
03021803	brown			
03021804	chestnut			
03021805	anthracite			
03022401	black	240	25	800
03022402	brick red			
03022403	brown			
03022404	chestnut			
03022405	anthracite			
03023101	black	310	25	800
03023102	brick red			
03023103	brown			
03023104	chestnut			
03023105	anthracite			
03023501	black	350	25	600
03023502	brick red			
03023503	brown			
03023504	chestnut			
03023505	anthracite			
03023901	black	390	25	600
03023902	brick red			
03023903	brown			
03023904	chestnut			
03023905	anthracite			



MICRO-ROLL, roof ridge roll

03.03

Application:
Sealing and ventilation of the ridge and hip area.

Material:
Aluminium coated with paints resistant to UV radiation.

Adhesive layer:
Butyl width 20 mm and perfect adhesive parameters.

Corrugation: approx. 130%.

Installation temperature: from +5°C.

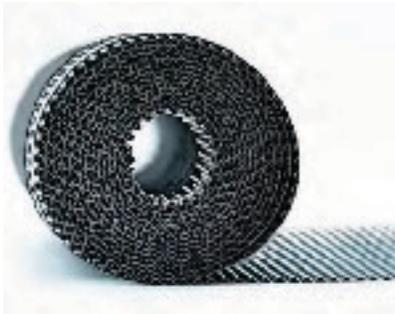
Ventilation area: 180 cm²/1 m.

Roll length: 5 m.

- Light and handy roll easy for installation.
- High quality adhesive layer width 20mm ensuring a long term usage.
- Micro holes ensure ventilation required and very good protection against water.
- Optimum corrugation of aluminium simplify installation on every type of roof tiles including a so called high wave tile.



Roof ridge zone



Product no.	Colour	Width [mm]	Packaging	
			Box [m]	Pallet [m]
03032401	black	240	25	800
03032402	brick red			
03032403	brown			
03032405	anthracite			
03033001	black	300	25	800
03033002	brick red			
03033003	brown			
03033004	chestnut			
03033005	anthracite	380	25	600
03033801	black			
03033802	brick red			
03033803	brown			
03033805	anthracite			



OPTI-ROLL, roof ridge roll

03.04

Application:
Sealing and ventilation of roof ridge and hip.

Material:
Side zone – aluminium coated with paints,
Middle zone – high quality EPDM.

Adhesive layer:
Butyl width 30 mm.

Corrugation: 130%.

Installation temperature: from +5°C.

Ventilation area: 270 cm²/1 m.

Roll length: 5 m.

- High quality EPDM resistant to UV radiation and temperature fluctuation.
- Highly adhesive layer width 30mm provide long-term usage.
- Two widths enable adjusting to different types of roof tiles.



Roof ridge zone

Product no.	Colour	Width [mm]	Packaging	
			Box [m]	Pallet [m]
03043001	black	300	25	800
03043002	brick red			
03043003	brown			
03043004	chestnut			
03043005	anthracite			
03043501	black	350	25	600
03043502	brick red			
03043503	brown			
03043504	chestnut			
03043505	anthracite			



DUO-ROLL, roof ridge roll

03.07

Application:

Sealing and ventilation of roof ridge and hip.

Material:

Side zone – aluminium coated with paints; middle zone -polyethylene mesh.

Adhesive layer:

Butyl width 20 mm and perfect adhesive parameters.

Corrugation: approx. 130%.

Installation temperature: from +5°C.

Ventilation area: 195 cm²/1 m.

Roll length: 5 m.

- Connection of polyethylene mesh and aluminium with high quality adhesive.
- Polyethylene mesh with different structure, concentrated in the place of assembly, resistant to UV radiation.
- High quality adhesive layer 20mm wide ensure long term usage.



Roof ridge zone



Product no.	Colour	Width [mm]	Packaging	
			Box [m]	Pallet [m]
03073001	black	300	25	800
03073002	brick red			
03073003	brown			
03073004	chestnut			
03073005	antracite			
03073501	black	350	25	600
03073502	brick red			
03073503	brown			
03073504	chestnut			
03073505	antracite			



AIR-WENT, ridge & hip vent

03.09

Application:
Sealing and ventilation of ridge and hip.

Material:
Plastic resistant to UV radiation and weather conditions.

Installation temperature: no limits.

Ventilation area: 210 cm²/1 m.

Effective length coverage: 1 m.

Total length: 1,03 m.

- Specially profiled – cone ventilation holes ensure effective ventilation and protection against water.
- Strengthening tabs enables optimal arrangements of ridge tile.
- The highest quality bristles perfectly adjusting to the shape of the roof covering and protecting against water and snow.
- Long lasting and stable functioning of the element.
- Product is made of the material resistant to UV radiation and atmospheric factors.
- Perfect ventilation of the ridge, while maintaining tightness from the outside part of the roof.
- Very easy to install, independent from the atmospheric factors.



Roof ridge zone

Product no.	Colour	High of bristles [mm]	Packaging	
			Box [pcs.]	Pallet [pcs.]
03092001	black	75	20	200
03092002	brick red			
03092003	brown			
03092005	anthracite			



Ridge batten support TYPE 1

03.10

Application:
Fixing the ridge and hip batten.

Material:
Stainless steel.

- Vertical and horizontal installation holes ensure easy levelling and establishing correct high of the ridge and hip batten.

Product no.	Width: patch holder [mm]	Packaging	
		Box [pcs.]	Pallet [pcs.]
03104000	40	50	2000
03105000	50		



Roof ridge zone

Ridge batten support TYPE 3

03.11

Application:
Fixing the ridge and hip batten.

Material:
Stainless steel.

- May be installed at the final stage of roof covering, greatly facilitating the setting of the proper high and level of the ridge board.

Product no.	Board width [mm] / nail length	Packaging	
		Box [pcs.]	Pallet [pcs.]
03114210	40 / 210	50	2800
03114230	40 / 230		
03114260	40 / 260		
03114310	40 / 310		
03115210	50 / 210		
03115230	50 / 230		
03115260	50 / 260		
03115310	50 / 310		



Ridge batten support TYPE 4, screwed in

03.14

Application:
Installation of the ridge
and hip board.

Material:
Stainless steel.

- Ridge batten support with the integrated carpentry screw.
- Simple and precise installation perfect leveling of the patch thanks to the use of optimal threading and the cylinder head with a TORX socket.
- High torque enables screwdriving without drilling.

Product no.	Board width [mm] / nail length	Packaging	
		Box [pcs.]	Pallet [pcs.]
03144210	40 / 210	50	2800
03144260	40 / 260	50	2800



Ridge batten zone



MULTIFORM ELASTIC, chimney tape

04.02

Application:

Sealing joints between the roof and the chimney and a roof with a wall.

Material:

Aluminium coated with UV resistant, acrylic paint, bottom part strengthened with polyethylene.

Adhesive layer:

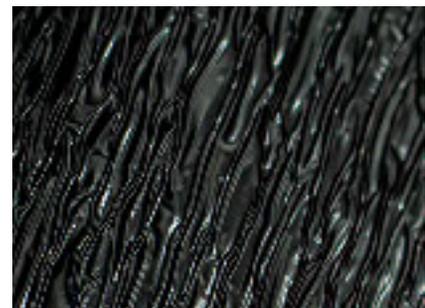
Butyl on a full width with perfect adhesive parameters.

Extensibility: approx. 60%.

Installation temperature: from +5°C.

Roll length: 5 m.

- Thanks to large reserves of material and creping, it becomes much easier to seal chimneys and corner places.
- Two - part secure layer allowing easy installation.
- The acrylic coating and paints resistant to UV radiation ensure many years of Product life and color durability.
- Innovative technology of creping the aluminium ensure extensibility up to 60%.



Chimney zone

Product no.	Colour	Width [mm]	Packaging	
			Box [m]	Pallet [m]
04023001	black	300	5	420
04023002	brick red			
04023003	brown			
04023005	anthracite			



EPDM-Flex, chimney tape

04.03

Application:

Sealing joints between the roof and the chimney and a roof with a wall.

Material:

EPDM imbedded with aluminium enforcing net.

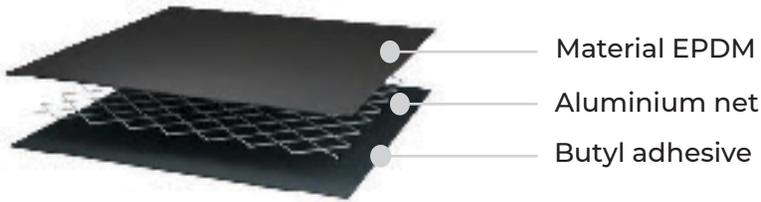
Adhesive layer:

Butyl on full width, with perfect adhesive parameters.

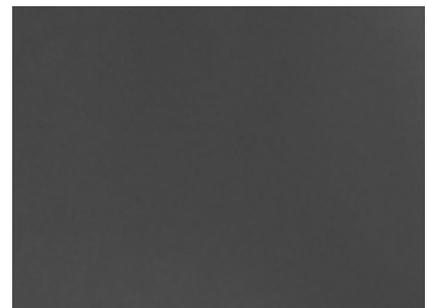
Installation temperature: from +5°C.

Roll length: 5 m.

- Durable sealing tape with embedded aluminum mesh is the main structure of the product.
- Smooth surface.



Product no.	Colour	Width [mm]	Packaging	
			Box [m]	Pallet [m]
04033001	black	300	5	420
04033002	brick red			
04033003	brown			
04033005	anthracite			



Chimney zone



bleiCOLOR SK, chimney tape

04.04

Application:

Sealing of joints between roof and chimney, and between roof and wall.

Material:

Lead, secured with tin, coated with UV resistant paint 0,5 mm thick.

Adhesive layer:

Butyl on a full width, with perfect adhesive parameters.

Roll length: 5 m.

Installation temperature: from +8°C.

- Two - sided tinning protects lead against oxidation.
- Optimal gluing due to reliable adhesive layer.
- UV resistant paints.



Installation requirements:

- It is recommended to use roll sections no longer than 1m, connected with a standing seam .
- Due to its weight, the tape should be mechanically fastened to the chimney or wall.



Chimney zone

Product no.	Colour	Width [mm]	Packaging	
			Box [m]	Pallet [pcs.]
04045301	black	300	5	35
04045302	brick red			
04045303	brown			
04045305	anthracite			



Alu-Flex PLUS 3D, chimney tape

04.05

Application:

Roof joint sealing with a chimney and a roof with a wall.

Material:

Aluminium coated with UV resistant acrylic paint.

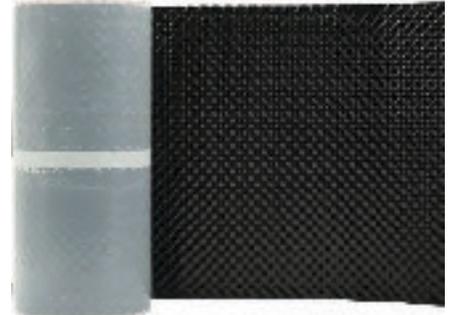
Adhesive layer:

Butyl on a full width, with perfect adhesive parameters.

Temperature of installation : from +5°C.

Roll length: 5 m.

Product no.	Colour	Width [mm]	Packaging	
			Box [m]	Pallet [m]
04053001	black	300	5	420
04053002	brick red			
04053003	brown			
04053004	chestnut			
04053005	anthracite			



Alu-Flex STANDARD, chimney tape

04.07

Application:

Roof joint sealing with a chimney and a roof with a wall.

Material:

Aluminium coated with UV resistant acrylic paint.

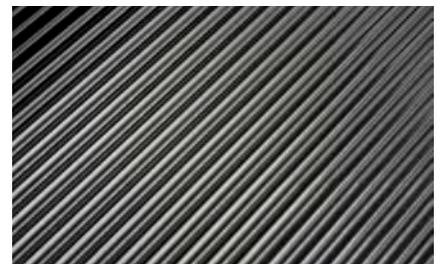
Adhesive layer:

Butyl on a full width, with perfect adhesive parameters.

Temperature of installation: from +5°C.

Roll length: 5 m.

Product no.	Colour	Width [mm]	Packaging	
			Box [m]	Pallet [m]
04073001	black	300	5	420
04073002	brick red			
04073003	brown			
04073004	chestnut			
04073005	anthracite			



Chimney zone



Pb-Flex STANDARD, PREMIUM chimney tape 04.08

Application:

Roof joint sealing with a chimney and a roof with a wall.

Material:

Lead coated with paints thickness:
-0,3 mm - STANDARD,
-0,4 mm - PREMIUM.

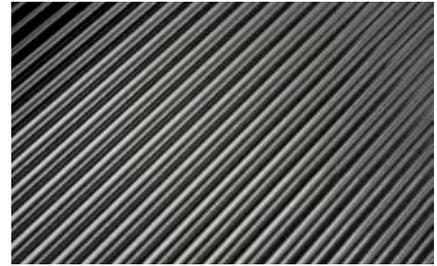
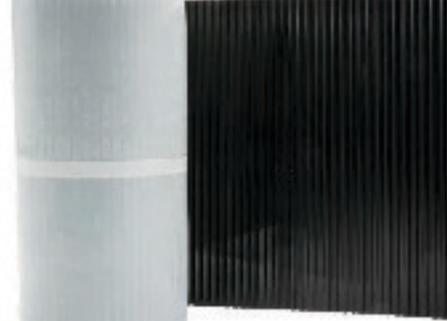
Adhesive layer:

Butyl.

Application temperature: from +5°C.

Roll length: 5 m.

Product no.	Colour	Product type	Width [mm]	Packaging	
				Box [m]	Pallet [m]
04083031	black	STANDARD lead thickness 0,3 mm	300	5	420
04083032	brick red				
04083033	brown				
04083034	chestnut				
04083035	anthracite				
04083041	black	PREMIUM lead thickness 0,4 mm	300	5	420
04083042	brick red				
04083043	brown				
04083045	anthracite				



Chimney zone

Pb-Flex PLUS 3D, chimney tape

04.09

Application:

Roof joint sealing with a chimney and roof and a wall.

Material:

Lead coated with paints.

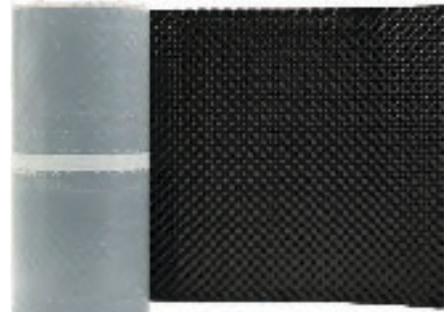
Adhesive layer:

Butyl on a full width, with perfect adhesive parameters.

Installation temperature: from +5°C.

Roll length: 5 m.

Product no.	Colour	Width [mm]	Packaging	
			Box [m]	Pallet [m]
04093001	brick red	300	5	420
04093002	brick red			
04093003	brown			
04093004	chest nut			
04093005	anthracite			



Chimney strip STANDARD

04.10

Application:

Profile finishing the upper edge on the joint of flashing tape and the chimney or wall.

Material:

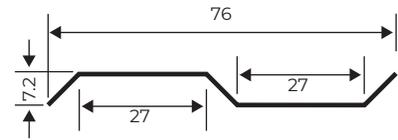
Aluminium coated with paints resistant to UV radiation.

Length: 2 m.

Tip:

- It is recommended to use stainless steel or copper plated screws with EPDM seal (product code 52.1 or 52.2) for installation.

Product no.	Colour	High [mm]	Packaging Box [pcs.]
04108001	black	76	10
04108002	brick red		
04108003	brown		
04108004	chestnut		
04108005	anthracite		



Chimney zone



CONNECTO TOP G, rubber sealant

04.11

Application:

Sealing all sorts of flashings, also in connection with different material.

Material:

One component sealing compound based on synthetic rubber.

Usage:

Ceramic, concrete, steel, bituminous, stone, wood, plastic.

Temperature of installation and storage:

from +5°C to +35°C.

Temperature resistance after hardening:

from -25°C to +80°C.

Capacity: 280 ml.

- Resistant to low and high temperature and UV radiation.
- After hardening suitable for painting.



Product no.	Colour	Packaging	
		Box [pcs.]	Pallet [pcs.]
04112800	colourless	15	630
04112801	black		
04112802	brick red		
04112803	brown		
04112805	anthracite		

Chimney zone

CONNECTO TOP Z, resin sealant

04.12

Application:

Sealing of all sheet metal flashings, also on the combination of different materials and in humid environments and during rainfall.

Material:

Permanently plastic, resin acrylic mass.

Usage:

Ceramic, concrete, metal, bituminous, stone, wood, plastic.

Temperature of installation and storage:

from +5°C to +35°C.

Temperature resistance after hardening:

from -20°C to +90°C.

Capacity: 280 ml.

- It allows application in a humid environment, during rainfall, which enables immediate repair of damaged or leaking components.
- Permanently plastic mass.
- No run-off even at high temperatures.



Product no.	Colour	Packaging	
		Box [pcs.]	Pallet [pcs.]
04122800	colourless	15	630
04122805	anthracite		



CONNECTO TOP K, montage glue HIGH-TACK 04.13

Application:

Gluing all kinds of building material: ceramic, concrete, steel coated and zinc, wood.

Material:

Mass based on a hybrid polymer (silane-modified polyurethane).

Usage:

Ceramic, concrete, steel, stone, wood, plastic.

Temperature of installation and storage:

from +5°C to +35°C.

Temperature resistance after hardening:

from -40°C to +90°C.

Initial grip on a horizontal surface:

from 1000 kg/m².

Initial grip on a vertical surface: to 200 kg/m².

Capacity: 280 ml.

- Perfectly adhesive to all kinds of building surface.
- High initial grip.
- Permanent connection completely resistant to changing weather conditions.

Product no.	Colour	Packaging	
		Box [pcs.]	Pallet [pcs.]
04132801	black	15	630



Chimney zone



Corner profile

04.14

Application:
Finishing of corners
in the area of roofs
and walls.

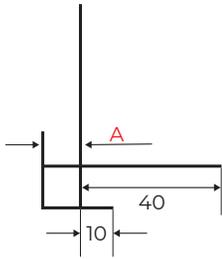
Material:
High-quality, hard polyvinyl
chloride, flame-retardant
(B1, DIN4102).

Profile length: 2,5 m.

Product no.	Colour	Dimension A [mm]	Packaging [pcs.]
04141301	black	13,6	10
04141302	brick red		
04141303	brown		
04141701	black	17,0	10
04141702	brick red		
04141703	brown		



Chimney zone



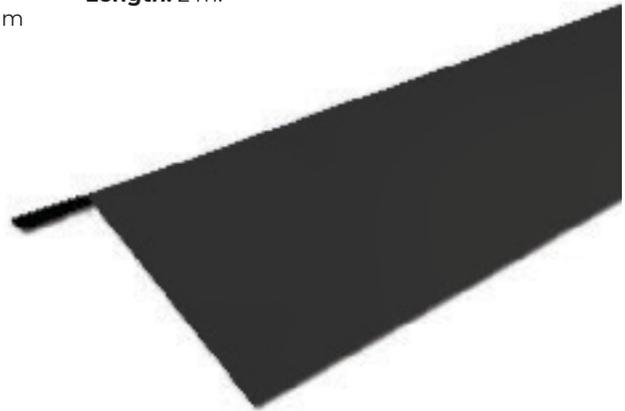
Gutter belt

05.03

Application:
Protection of the eaves.

Material:
Enriched aluminium coated with UV resistant.

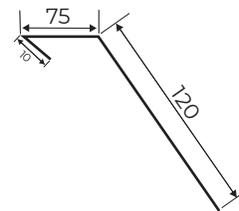
Length: 2 m.



Tip:

- Drainage of rainwater from the roof surface to the gutter.
- Protection against rain and snow penetration under the roof surface.
- Easy installation, no need of soldering or using special tools.
- High resistance to weather conditions and UV.
- Easy storage and transport to the roof.

Product no.	Colour	Dimension [mm]	Packaging [pcs.]
05030101	black	120 / 75 / 10	12
05030102	brick red		
05030103	brown		
05030104	chestnut		
05030105	anthracite		



Eaves comb

05.04

Application:
Protection of eaves.

Material:
Polypropylene resistant to UV radiation and low and high temperatures.

Length: 1 m.

- Prevents birds, rodents and large insects from entering under the roof cover.
- V-shaped notched to facilitate assembly.
- Flexible comb perfectly fits the roof cover.



Product no.	Colour	Comb high [mm]	Packaging	
			Box [pcs.]	Pallet [pcs.]
05040501	black	55	300	4800
05040502	brick red			
05040503	brown			

Eaves zone



PLUS eaves vent with comb

05.05

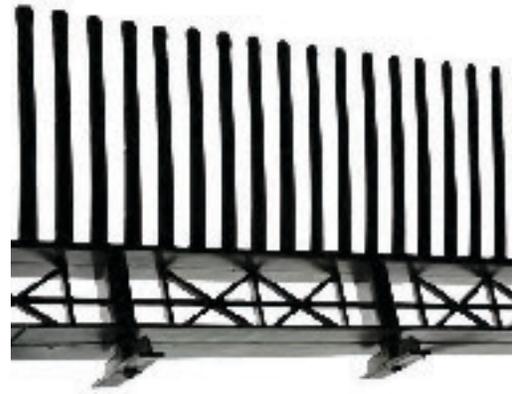
Application:
Protection of eaves.

Material:
Polypropylene resistant to UV radiation as well as low and high temperatures.

Height of the vent tray: 30 mm.

Length: 1 m.

- Specially profiled endings provide easy and reliable assembly.
- Spacing and stabilising pads enable easier installation of the gutter brackets.
- Improves ventilation efficiency of the roof void.
- Replaces additional eaves battens.
- Prevents birds, rodents and large insects from entering under the roof cover.



Product no.	Colour	Comb high [mm]	Packaging	
			Box [pcs.]	Pallet [pcs.]
05050101	black	85	50	1000
05050102	brick red			
05050103	brown			

Eaves zone

PLUS eaves vent without the comb

05.06

Application:
Protection of eaves.

Material:
Polypropylene resistant to UV radiation and low / high temperature.

Height of the vent tray: 30 mm.

Length: 1 m.

- Specially profiled endings provide easy and reliable assembly.
- Spacing and stabilising pads enable easier installation of the gutter bracket.
- Improves ventilation efficiency of the roof void, replaces additional eaves batten and prevents birds, rodents and large insects from entering under the roof cover.



Product no.	Colour	Packaging	
		Box [pcs.]	Pallet [pcs.]
05060101	black	100	1200
05060102	brick red		
05060103	brown		



STANDARD eaves vent with comb

05.07

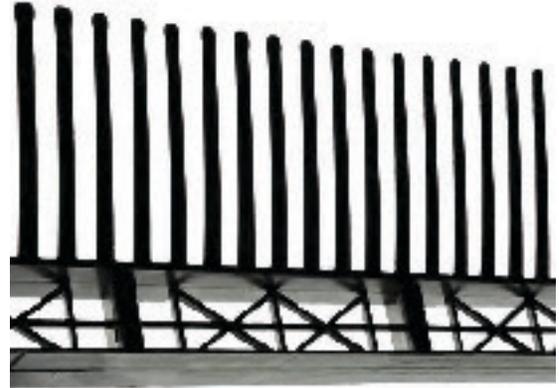
Application:
Eaves protection.

Material:
Polypropylene resistant to UV radiation and low/high temperature.

Height of the vent tray: 25 mm.

Length: 1 m.

- Increases ventilation efficiency of the roof void.
- Replaces additional eaves batten.
- Prevents birds, rodents and large insects from entering under the roof cover.



Product no.	Colour	Comb high [mm]	Packaging	
			Box [pcs.]	Pallet [pcs.]
05070101	black	60	50	1050
05070102	brick red			
05070103	brown			

STANDARD eaves vent without the comb

05.08

Application:
Eaves protection.

Material:
Polypropylene resistant to UV radiation and low/high temperature.

Height of the vent tray: 25 mm.

Length: 1 m.

- Increases ventilation efficiency of the roof void.
- Replaces additional eaves battens.
- Prevents birds, rodents and large insects from entering the roof cover.



Product no.	Colour	Packaging	
		Box [pcs.]	Pallet [pcs.]
05080101	black	100	1500
05080102	brick red		
05080103	brown		



Eaves protection mesh

05.09

Application:
Eaves protection.

Material:
High quality hard polyvinyl chloride, impact resistant, difficult to ignite (ignition class B1).

Ventilation area: approx. 47%.

Roll length: 5 m.

- Provides additional ventilation of the roof void, prevents birds, rodents and large insects from entering under roof cover.



Product no.	Colour	Width [mm]	Packaging Box [pcs.]
05090501	black	50	48
05090502	brick red		
05090503	brown		
05090801	black	80	24
05090802	brick red		
05090803	brown		
05091001	black	100	24
05091002	brick red		
05091003	brown		

Eaves zone

MASTER-ROLL eaves protection mesh

05.10

Application:
Eaves protection.

Material:
High quality hard polyvinyl chloride, impact resistant, difficult to ignite (ignition class B1).

Ventilation area: approx. 47%.

Roll length: 60 m.

- Provides additional ventilation of the roof void, prevents birds, rodents and large insects from entering under roof cover.



Product no.	Colour	Width [mm]	Packaging Box [pcs.]
05100801	black	80	1
05100802	brick red		
05100803	brown		
05101001	black	100	1
05101002	brick red		
05101003	brown		



Angular ventilation profile

05.12

Application:
Eaves protection,
facade ventilation.

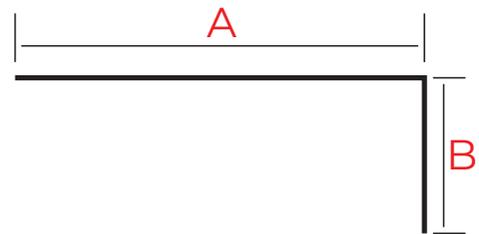
Material:
High quality hard
polyvinyl chloride,
difficult to ignite (ignition class B1).

Ventilation area: approx. 47%.

Roll length: 2,5 m.

- Provides ventilation and protection of the roof void. Easy and fast in installation. Corner profile prevent the possibility of waving the ventilation part.

Product no.	Colour	Dimension A [mm]	Dimension B [mm]	Packaging [pcs.]
05120701	black	70	30	10
05120702	brick red			
05120703	brown			
05120901	black	90	30	10
05120902	brick red			
05120903	brown			



Eaves zone



Valley flashing STANDARD (longitudinally profiled)

06.03

Application:

Drainage of water and sealing of joints between the two parts of the roof.

Material:

Aluminium coated with paints in the metallurgical process.

Surface protector: polyethylene film.

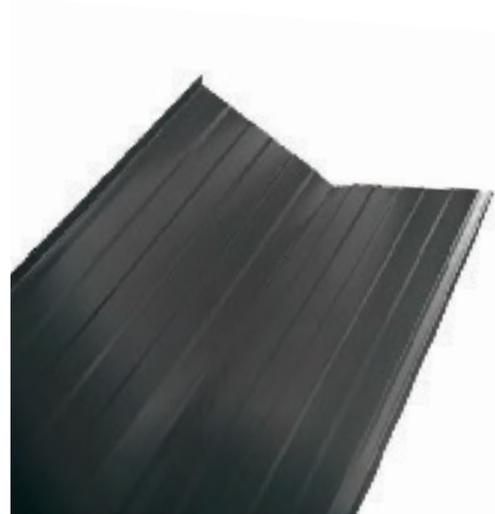
Width: 0,5 m.

Length: 2 m.

- U shaped flashing allows ventilation, additionally protecting roof structure.
- Stamping provides stability and eliminates the need for decking under the valley.

Tip:

- For installation use valley bracket (product nr 06.06.) and Wedge seal (product nr 06.07) or expanding tape (product nr 06.08).



Product no.	Colour	Packaging	
		Box [pcs.]	Pallet [pcs.]
06032001	black	10	200
06032002	brick red		
06032003	brown		
06032004	chestnut		
06032005	anthracite		

Valley zone

PLUS Valley flashing (laterally profiled)

06.04

Application:

Drainage of water and sealing of joints between two parts of the roof.

Material:

Aluminium coated with paints in the metallurgical process.

Surface protector: polyethylene film.

Width: 0,5 m.

Length: 2 m.

- Corrugation of the product slows down water flow on high slope roofs.
- Stamping provides stability and eliminated the need for decking under the valley.

Tip:

- For installation use valley bracket (product nr 06.06.) and wedge seals (product nr 06.07) or expanding tape (product nr 06.08).



Product no.	Colour	Packaging	
		Box [pcs.]	Pallet [pcs.]
06042701	black	10	200
06042702	brick red		
06042703	brown		
06042704	chestnut		
06042705	anthracite		



PLUS valley flashing (laterally profiled)

06.05

Application:
Drainage water and sealing of joints between the two parts of the roof.

Material:
Aluminium coated with paints in the metallurgical process.

Surface protector: polyethylene film.

Width: 0,5 m.

Length: 5 m.

- 5 m roll is a practical solution that eliminates waste and provides easier assembly.
- Flashing profile slows down water flow on the high slope roofs.
- Stamping provides stability and eliminates the need for decking under the valley.

Tip:

- For installation use valley bracket (product nr 06.06) and Wedge seals (product nr 06.07) or expanding tape (product nr 06.08).



Product no.	Colour	Packaging	
		Box [pcs.]	Pallet [pcs.]
06055001	black	2	80
06055002	brick red		
06055003	brown		
06055005	anthracite		

Valley bracket

06.06

Application:
Fixing the valley flashing.

Material:
Aluminium.

- Bracket structure ensures a stable fit and allows movement of flashing caused by temperature changes.



Product no.	Packaging Box [pcs.]
06061000	50

Valley zone



Wedge seal

06.07

Application:

Sealing side joints between the valley and roof.

Material:

Polyurethane foam with an adhesive layer.

- There is an option to order 200 pcs packed in foil or 50 pcs packed in box.



Product no.	Colour	Dimension [mm] high x length	Packaging	
			Type / Quantity	Pallet [pcs.]
06070501	anthracite	60 x 1000	Box 50 pcs.	2000
06072001	anthracite	60 x 1000	Foil 200 pcs.	2200

Valley zone

Expanding tape

06.08

Application:

Sealing side joints between the valley and the roof void and other universal joints and grouts.

Material:

Polyurethane esters impregnated with bitumen.

Roll length: 5 m.



Product no.	Colour	Dimension [mm] high x length	Packaging [pcs.]
06084001	black	40 x 20	15
06085001	black	50 x 20	15

* the high dimension is the value after expansion.



BIRD PROTECT, bird repellent system

07.03

Application:
Protection of the roof, facades, cornices and windowsills against the birds.

Material:
Transparent polycarbonate.

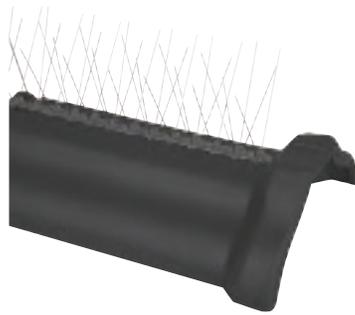
Wire: stainless steel
ø1,30 mm.

Installation: Glue or screw.

Length: 50 cm.

- V-shaped notched to facilitate assembly.
- Due to its flexibility and compatibility, the Bird Protect system can be installed in various places – on window sills, edges, cornices, balconies and other protruding elements of buildings.

Product no.	Spikes type	Packaging	
		[pcs.]	[m]
07030200	BIRD PROTECT 2	300	150
07030300	BIRD PROTECT 3	120	60
07030400	BIRD PROTECT 4	120	60
07030600	BIRD PROTECT 5	80	40



BIRD PROTECT 2
· protected zone from 10 to 25 cm.



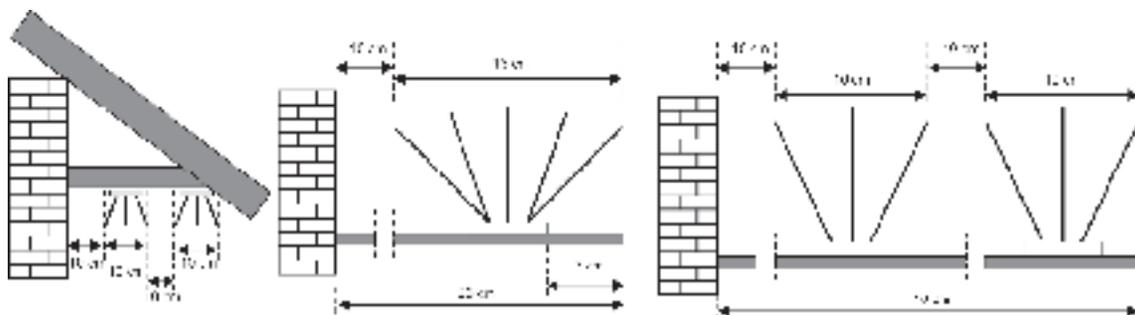
BIRD PROTECT 3
· protected zone from 12 to 27 cm.



BIRD PROTECT 4
· protected zone from 10 to 25 cm.



BIRD PROTECT 6
· protected zone from 16 to 31 cm.



Complementary products



Aluminium sheet

07.04

Application:
Performing small format roofing flashings.

Material:
Aluminium coated with polyester paint.

Surface protector: polyethylene film.

Sheet dimension: 1 × 2 m.

NOTE:
Polyethylene film protecting the external layer should be removed immediately after installation.

Product no.	Colour	Packaging	
		Pallet [pcs.]	Pallet [pcs.]
07040301	black	10	100
07040302	brick red		
07040303	brown		
07040304	chestnut		
07040305	anthracite		



Complementary products

GRANAT, multipurpose tape

07.05

Application:
Tape for fast and lasting repairs, suitable for varied surfaces.

Material:
Butyl glue + aluminium foil.

Temperature range:
Softening +90°C; Breaking: -20°C.

Multifunctional tape GRANAT is built of 4 layers:

- Modified bituminous layer,
- Synthetic foil,
- Aluminium foil
- Layers that make the tape resistant to corrosion.



Product no.	Colour	Dimension		Packaging Box [pcs.]
		Width [mm]	Length [m]	
07051501	black	150	10	2
07053001		300		1
07051505	anthracite	150		2
07053005		300		1



Roofing paint

07.06

Application:

Universal roofing paint. Use for material like :clay, concrete, bituminous tiles, corrugated panels, aluminium, copper, lead, galvanised surfaces, plaster, hard polyvinyl chloride.

Application temperature: from +8°C.

Storage temperature: from +5°C.

- Non-fading paint, resistant to severe weather conditions.
- Short drying time.
- Environmentally friendly.
- The Surface must be clean, dry and free from grease and dust.
- The paint can be used as is or it can be slightly diluted with water.

Product no.	Colour	Packaging	
		Can [l]	Box [pcs.]
07060301	black	0,75	16
07060302	brick red		
07060303	brown		
07060305	anthracite		

On request it is possible to deliver them in larger collective packages and other colours.



Notes



Roof membrane and sealing products

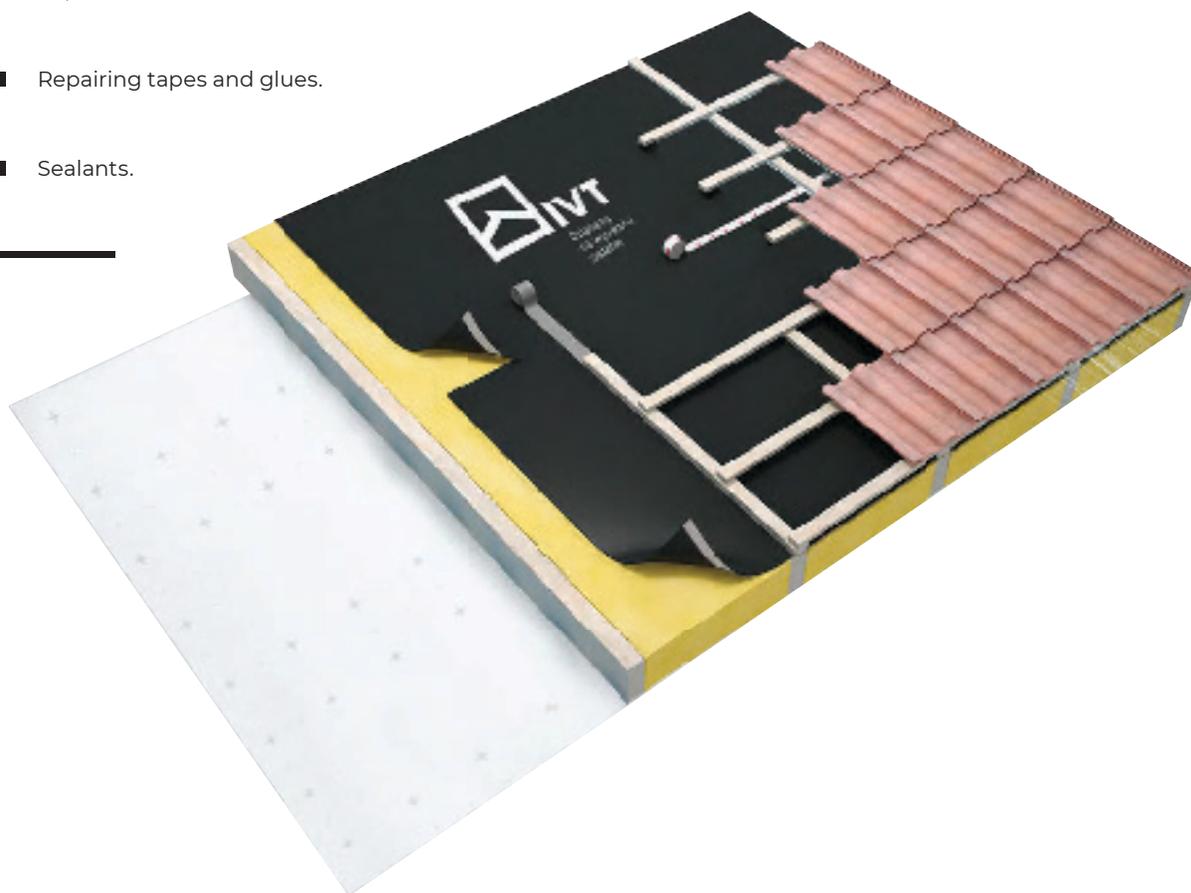


IVT – Roof protection system

The roof should prevent any penetration of moisture, heat and cold into the house, and at the same time it needs to guarantee the removal of moisture generated in the building. IVT offers a complete product system that ensures long-lasting and safe performance of your roof.

- Sealing products for counter – battens.
- Vapour permeable membranes.
- Vapour barriers.
- Repairing tapes and glues.
- Sealants.

Roof membranes and sealing products



Why should counter-battens be sealed

If counter-battens and battens are nailed to the roof, the roof membrane is pierced. Moisture penetrates into the interior through the hole, and with time it causes degradation of the woodwork and reduces insulating properties. Sealants or sealing tapes allow sealing of the holes and level any unevenness.

Using CONNECTO AQUA SEAL or sealing tape CONNECTO AQUA BAND causes the closure of the resulting leaks, and also levels out any unevenness in the wooden structure. Thanks to that water does not penetrate under the counter -batten and stays on the membrane , which effectively protects the roof and warming against moisture, extending their service life.



Installation of counter battens without sealing.



Installation of counter battens with sealing -moisture does not penetrate.



IVT ASTRUM CLASSIC, roof membrane

10.01

Application:

High vapour permeable, waterproof, underlaying membrane to be laid on the decking or thermal insulation.

Material:

Three-layer polypropylene membrane.

Can be used on full decking: yes.

Surface weight: 175 g/m².

Weathertightness: W1 class.

Water vapour permeance:
s_d = 0,02 m.

Temperature resistance:
from -40°C do +80°C.

Roll length: 50 m.

Tear strength:

Lengthwise: 340 N/5 cm.
Crosswise: 240 N/5 cm.

Ignitability: E-d2 class.

UV stability: 3 months.

Roll width: 1,5 m.

Product no.	Type	Packaging	
		Roll [m ²]	Pallet [m ²]
10010100	without adhesive	75	2250
10010200	ESB with adhesive strip	75	2250



Roof membranes and sealing products

IVT ASTRUM PRO, roof membrane

10.03

Application:

High vapour permeable, waterproof, underlaying membrane to be laid on the decking or thermal insulation.

Material:

Three layer polypropylene membrane.

Can be used on full decking: yes.

Surface weight: 195 g/m².

Weathertightness: W1 class.

Water vapour permeance:
s_d = 0,02 m.

Roll length: 50 m.

Roll width: 1,5 m.

Temperature resistance:
from -40°C to +80°C.

Tear strength:

Lengthwise: 410 N/5 cm.
Crosswise: 300 N/5 cm.

Ignitability: E-d2 class.

UV stability: 3 months.

Product no.	Type	Packaging	
		Roll [m ²]	Pallet [m ²]
10030100	with adhesive	75	1875
10020200	without adhesive	75	1875



IVT GALAXY EXTRA, roof membrane

10.04

Application:

High vapour permeable, waterproof, underlaying membrane to be laid on the decking or thermal insulation.

Material:

Three layer polypropylene membrane.

Can be used on full decking: yes.

Surface weight: 160 g/m².

Weathertightness: W1 class.

Water vapour permeance:
s_d = 0,02 m.

Roll length: 50 m.

Roll width: 1,5 m.

Temperature resistance:
from -40°C to +80°C.

Tear strength:
Lengthwise: 440 N/5 cm.
Crosswise: 420 N/5 cm.

Ignitability: E class.

UV stability: 3 months.

Product no.	Type	Packaging	
		Roll [m ²]	Pallet [m ²]
10040100	without adhesive	75	2250
10040200	with adhesive tape	75	2250



Vapour roof membranes

IVT GALAXY SUPER, roof membrane

10.05

Application:

High vapour permeable, waterproof, underlaying membrane to be laid on the decking or thermal insulation.

Material:

Four layer polypropylene membrane.

Can be used on full decking: yes.

Surface weight: 220 g/m².

Weathertightness: W1 class.

Water vapour permeance:
s_d = 0,03 m.

Roll length: 50 m.

Roll width: 1,5 m.

Temperature resistance:
from -40°C to +90°C.

Tear strength:
Lengthwise: 530 N/5 cm.
Crosswise: 490 N/5 cm.

Ignitability: E class.

UV stability: 3 months.

Product no.	Type	Packaging	
		Roll [m ²]	Pallet [m ²]
10050100	without adhesive tape	75	1500
10050200	with adhesive tape	75	1500



IVT SPACE SILVER, roof membrane

10.07

Application:

High vapour permeable, waterproof, underlaying membrane to be laid on the decking or thermal insulation.

Material:

PES polyester fabric with vapour permeable layer of TPU thermoplastic polyurethane.

Can be used on full decking: yes.

Surface weight: 210 g/m².

Weathertightness: W1 class.

Water vapour permeance:
s_d = 0,15 m.

Roll length: 50 m.

Roll width: 1,5 m.

Temperature resistance:
from -40°C to +80°C.

Tear strength:
Lengthwise: 380 N/5 cm
Crosswise: 420 N/5 cm.

Ignitability: E class.

UV stability: 4 months.

Product no.	Type	Packaging	
		Roll [m ²]	Pallet [m ²]
10070200	double adhesive tape	75	1500



Vapour roof membranes

IVT SPACE GOLD, roof membrane

10.08

Application:

High vapour permeable, waterproof, underlaying membrane to be laid on the decking or thermal insulation.

Material:

PES polyester fabric with vapour permeable layer of TPU thermoplastic polyurethane.

Double adhesive tape.

Can be used on full decking: yes.

Surface weight: 270 g/m².

Weathertightness: W1 class.

Water vapour permeance:
s_d = 0,15 m.

Roll length: 50 m.

Roll width: 1,5 m.

Temperature resistance:
from -40°C to +100°C.

Tear strength:
Lengthwise: 500 N/5 cm.
Crosswise: 500 N/5 cm.

Ignitability: E class.

UV stability: 4 months.

Product no.	Type	Packaging	
		Roll [m ²]	Pallet [m ²]
10080200	double adhesive tape	75	1500



AQUA-PROTECT METALL, roof membrane

10.09

Application:

High vapour permeable separation membrane to be applied on roofs and eaves with standing seam metal roofing.

Material:

Membrane: polypropylene; separation mesh, polypropylene.

Can be used on full decking: yes.

Surface weight: 400 g/m² (+/-10%).

Weathertightness: W1, EN 13859-1 + ANEX D EN 1928.

Water vapour permeance: E, EN- 13501-2.

Tear strength:

Lengthwise: 310 N/5 cm.
Crosswise: 215 N/5 cm.

Ignitability: E, EN 13501, EN 11925-2.

UV stability: 3 months.

Roll width:

membrane: 1,5 m,
separation mesh: 1,4 m.

Roll length: 25 m.

- Separation mesh (high 8 mm) provides perfect Ventilation and safe moisture transfer.

Product features:

- High quality woven structure ensuring excellent ventilation
- Waterproof layer protecting roof thermal insulation from rain, snow, condensate and dust penetration.
- Separation mesh providing perfect ventilation and safe moisture transfer.
- Easy and quick installation due to high tearing resistance and tensile strength.

NOTE:

- Despite high seepage resistance tensile strength, Aqua Protec Metall should not be treated as the final roofing and should be covered as soon as possible.



Vapour roof membrane

Product no.	Type	Packaging	
		Roll [m ²]	Pallet [m ²]
10090100	without adhesive	37,5	337,5



IVT-OPLOT, multifunctional mesh

10.10

Application:
3D separation mesh
for roofs and facades.

Material:
Polypropylene.

Can be used on decking: yes.

Surface weight: 250 g/m² (+/10%).

Product features:

- Separation and drainage mesh provides a perfect ventilation and safe moisture transfer.
- Acts as a noise reduction during heavy rains.
- Easy and quick installation due to high tearing resistance and tensile strength .
- Suitable for insulated and non-insulated roofs with or without decking and facades ventilated and not ventilated.



Product no.	Dimension [m]	Packaging	
		Roll [m ²]	Pallet [m ²]
10100100	1 x 25	25	290

Vapour roof membrane



AQUA-CONTROL L, roof membrane

10.13

Application:

High vapour permeable, waterproof, underlay membrane to be laid on thermal insulation.

Material:

Three-layer polypropylene membrane.

Can be used on a decking: yes.

Surface weight: 130 g/m² (+/-15).

Weathertightness: W1 class.

Water vapour permeance:

$s_d = 0,015 (-0,01/+0,02)$ m.

Temperature resistance:

from -40°C to +120°C.

Tear strength:

Lengthwise: 280 N/5 cm.
Crosswise: 190 N/5 cm.

Ignitability: E class.

UV stability: 3 months.

Roll width: 1,5 m.

Roll length: 50 m.

Product no.	Type	Packaging	
		Roll [m ²]	Pallet [m ²]
10130100	without adhesive	75	3600
10130200	ESB with adhesive	75	3600



Vapour roof membrane

AQUA-CONTROL XL, roof membrane

10.14

Application:

Permeable, waterproof, underlay membrane to be laid as a initial covering foil on decking and thermal insulation.

Material:

Three-layer polypropylene membrane .

Can be used on a decking: yes.

Surface weight: 160 g/m² (+/-20).

Weathertightness: W1 class.

Water vapour permeance:

$s_d = 0,015 (-0,01/+0,02)$ m.

Temperature resistance:

from -30°C do +80°C.

Tear strength:

Lengthwise: 350 N/5 cm.
Crosswise: 240 N/5 cm.

Ignitability: E class.

UV stability: 3 months.

Roll width: 1,5 m.

Roll length: 50 m.

Product no.	Type	Packaging	
		Roll [m ²]	Pallet [m ²]
10140100	without adhesive	75	3600
10140200	ESB with adhesive	75	3600
10140300	ESB with double adhesive	75	3600



AQUA-CONTROL XXL, roof membrane

10.15

Application:

Permeable, waterproof, underlay membrane to be laid as a initial covering foil on decking and thermal insulation.

Material:

Three-layer polypropylene membrane.

Can be used on decking: yes.

Surface weight: 180 g/m² (+/-20).

Weathertightness: W1 class.

Water vapour permeance:
s_d = 0,015 (-0,01/+0,03) m.

Temperature resistance:
from -30°C to +80°C.

Tear strength:
Lengthwise: 380 N/5 cm.
Crosswise: 270 N/5 cm.

Ignitability: E class.

UV stability: 3 months.

Roll width: 1,5 m.

Roll length: 50 m.

Product no.	Type	Packaging	
		Roll [m ²]	Pallet [m ²]
10150100	without adhesive	75	3750
10150200	ESB with adhesive	75	3750
10150300	ESB with double adhesive	75	3750



Vapour roof membrane

AQUA-CONTROL 3 XL, roof membrane

10.16

Application:

Permeable, waterproof, underlay membrane to be laid as a initial covering foil on decking and thermal insulation.

Material:

Three-layer polypropylene membrane.

Can be used on a decking: yes.

Surface weight: 210 g/m² (+/-20).

Weathertightness: W1 class.

Water vapour permeance:
s_d = 0,015 (-0,01/+0,02) m.

Temperature resistance:
from -30°C to +80°C.

Tear strength:
Lengthwise: 400 N/5 cm.
Crosswise: 280 N/5 cm.

Ignitability: E class.

UV stability: 3 months.

Roll width: 1,5 m.

Roll length: 50 m.

Product no.	Type	Packaging	
		Roll [m ²]	Pallet [m ²]
10160100	without adhesive	75	2250
10160200	ESB with adhesive	75	2250



AQUA STOPPER ALU, aluminium vapour barrier 11.04

Application:

Protection of thermal insulation of the roofs, walls and ceilings against moisture.

Material:

Polyethylene + layer of sprayed aluminium, integrated reinforcing mesh.

Water vapour permeance: $s_d > 30$ m.

Surface weight: ALU 90: 90 g/m², ALU 140: 140 g/m².

Ignitability: E class.

Roll dimensions: width 1,5 m; length 50 m.

- A layer of spayed aluminium enables energy saving as the reflective surface reflects a part of thermal radiation.
- Tearing resistant due to reinforcement.
- Tear strength:
ALU 90: lengthwise 280 N/5 cm, crosswise 90 N/5 cm;
ALU 140: lengthwise 350 N/5 cm, crosswise 140 N/5 cm.
- It is recommended to use CONNECTO ALUFIX tape (product no. 12.18) for sealing of the foil overlaps.
- To take full advantage of heat reflection properties of aluminium foils, leave a narrow gap between the foil and cladding (e.g. gypsum board) allowing circulation of reflected thermal waves.



Product no.	Type	Weight [g/m ²]	Packaging	
			Roll [m ²]	Pallet [m ²]
11040100	ALU 90	90	75	1800
11040200	ALU 140	140	75	1800

Vapour barrier foil



CONNECTO AQUA SEAL, counter-battens sealant

12.05

Application:

Prevent moisture penetration between vapour permeable layer and counter-batten.

Material:

1-K – adhesive, polymerizing when moist.

Storage time: 12 months.

Use: 1 pcs. – approx 100 m of counter-batten.

- Masa Aqua Seal sealant is used for sealing punctures of roofing foils and membranes by nails and staples in connections of counter-planes and rafters for optimal sealing against moisture penetration.
- Liquid elastic mass.
- Curing time: approx. 12 minutes at +20°C and air humidity 50%, with 0,5 mm thick layer.
- The mass gets foamed – after applying the mass on counter-batten it should be pressed immediately.
- If necessary, the solid CONNECTO AQUA SEAL mass can only be removed mechanically.
- Store only in original containers.
- Storage conditions: temperature from +15°C to +25°C, protect from the sun.



Product no.	Mass [g]	Packaging Bottle [pcs.]
12050100	1000	1

CONNECTO AQUA BAND, counter-battens sealing tape

12.06

Application:

Preventing moisture penetration between vapour permeable layer and counter battens.

Material:

Foamed polyvinyl chloride.

Colour: anthracite.

Roll length: 20 m.



Product no.	Width [mm]	Thickness [mm]	Box [pcs.]
12060140	40	3,0	24
12060150	50		18



CONNECTO BULLTOP, double-sided adhesive tape 12.12

Application:

Bonding and repairing roof and vapour barrier foils.

Material:

Double - sided acrylic tape, reinforcement with fibreglass.

Colour: colourless.

Thickness: approx. 0,25 mm.

Installation temperature: from +5°C.

Temperature resistance: from -40°C to +140°C.



Product no.	Dimension W. x L.	Packaging Box [pcs.]
12120100	20 mm x 50 m	30

CONNECTO REPAIR, single-sided adhesive tape 12.13

Application:

Repairing foils and sealing openings in foils.

Material:

Single-sided acrylic tape, reinforcement with fibreglass.

Colour: white with logo IVT.

Thickness: approx. 0,26 mm.

Installation temperature: from +5°C to +40°C.

Temperature resistance: from -30°C to +100°C.



Product no.	Dimension W. x L.	Packaging Box [pcs.]
12130100	60 mm x 25 m	10

CONNECTO REPAIR PLUS, single-sided adhesive tape

12.14

Application:

Repairing foils and sealing openings in foils to use outside and inside.

Material:

Single-sided adhesive tape reinforced with glass fibre.

Colour: white with logo IVT.

Thickness: approx. 0,30 mm.

Installation temperature: from -10°C to +40°C.

Temperature resistance: from -40°C to +100°C.



Product no.	Dimension W. x L.	Packaging Box [pcs.]
12140100	60 mm x 25 m	10

Sealing products



CONNECTO BUTYL-BAND, butyl adhesive tape

12.16

Application:
Sealing openings in foils, finishing connections of the foil with windows and chimney.

Material:
Plastic mass based on synthetic rubber.

Thickness: approx. 1,0 mm.

Installation temperature:
from +5°C to +30°C.

Temperature resistance:
from -40°C to +100°C.



Product no.	Dimension W. x L.	Packaging Box [pcs.]
12160100	20 mm x 25 m	16

CONNECTO ALUFIX, single-sided adhesive tape 12.18

Application:
Connecting, sealing and repairing aluminium foils, installation of ventilation, air conditioning and heating systems.

Material:
Aluminium with acrylic adhesive layer.

Thickness: 0,05 mm.

Installation temperature:
from +5°C.

Temperature resistance:
briefly up to +80°C.



Sealing products

Product no.	Dimension		Packaging Box [pcs.]
	Width [mm]	Length [m]	
12180500	50	50	96
12180750	75		64

CONNECTO CORD, sealing rope 12.20

12.20

Application:
Sealing openings in foils, finishing connections of the foil with windows and chimney.

Material:
Plastic mass based on synthetic rubber.

Thickness: ø 10 mm.

Installation temperature:
from +5°C.

Temperature resistance:
briefly up to +80°C.



Product no.	Dimension W. x L.	Packaging Box [pcs.]
12200100	10 mm x 4,5 m	20



Notes



Ridge tile brackets, tile clips and installation technique





Ridge tile brackets

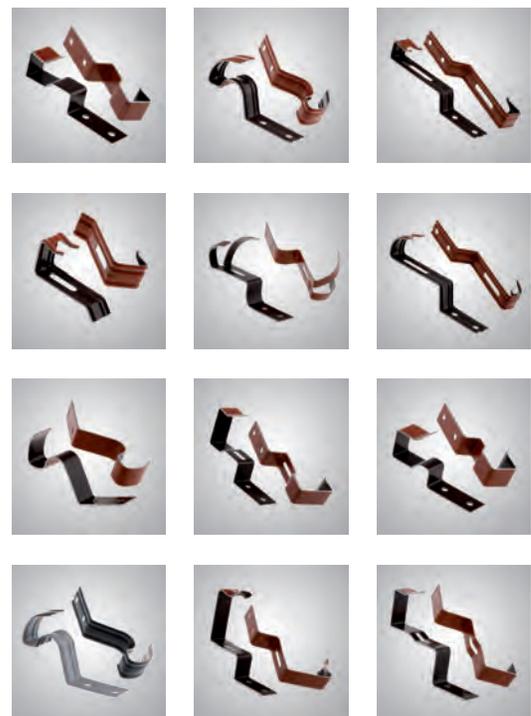
14.1

Application:
Fixing of ridge and hip tiles.

Material:
Aluminium coated polyester paints.

Packaging: 50 pcs.

Product no.*	Bracket no.	Manufacturer	Ridge tile type	
141062..	062	Bogen	Ridge tile nr 2	
141082..	082		Ridge tile nr 20	
141177..	177		Plano	
141053..	053	Benders, Braas, Bramac, Euronit, IBF, Nelskamp, Prodach	Plain ridge tile	
141045..	045	Braas	Konisch, Opal, Sattel, Smaragd	
141240..	240	Creaton	Titania	
141176..	176		BK	
141018..	018		BG	
141044..	044		BL	
141119..	119		BM	
141048..	048		BMK (Meindl nr 1)	
141048..	048		BMZ (Meindl nr 4)	
141072..	072		BZ	
141144..	144		GI0	
141154..	154		PD	
141102..	102		PF	
141218..	218		PH	
141140..	140		PMZ (Meindl nr 5)	
141029..	029		PP	
141067..	067		PR	
141024..	024		PRK	
141214..	214		PRU	
141219..	219		PZ	
141013..	013		SF9	
141041..	041		Erlus	Ridge tile nr 15, nr 17
141142..	142	Ridge tile nr 18		
141177..	177	Koramic	Ridge tile Actua	
141088..	088		Ridge tile Allegra	
141157..	157		Ridge tile nr 1, nr 2 (plain tile)	
141069..	069		Ridge tile L15	
141064..	064		Ridge tile nr 1	
141051..	051		Ridge tile nr 11	
141024..	024		Ridge tile nr 12	
141139..	139		Ridge tile nr 2, nr 22	
141082..	082		Ridge tile nr 20	
141081..	081		Ridge tile nr 3	
141200..	200		Meyer Holsen	Ridge tile
141132..	132			Ridge tile Piano
141041..	041		Nelskamp	Basic ridge tile
141083..	083	Röben	Basic ridge tile	
141104..	104	Tondach	Ridge tile s.21	
141071..	071		Ridge tile s.26	



Ridge tile brackets

* when ordering, please complete the products code as follow:

- 01 – black,
- 02 – brick red,
- 03 – brown,
- 04 – chest nut,
- 05 – anthracite.

e.g. Bogen, Ridge tile no. 2, black – product no. **14106201**.

NOTE:
other types and colours of the ridge brackets available on request.



Ridge tile brackets

14.1

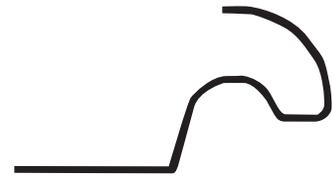
Ridge tile brackets



013



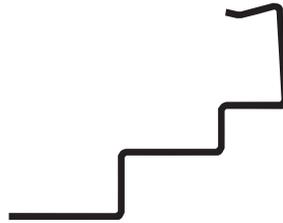
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024



041



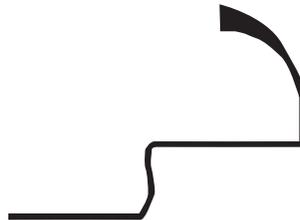
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045



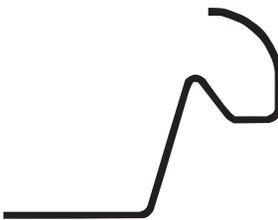
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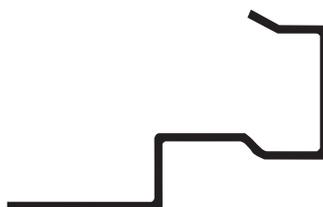
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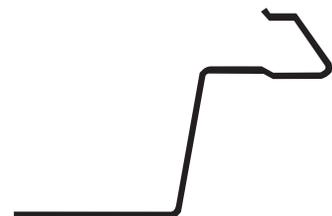
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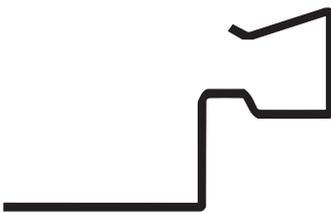
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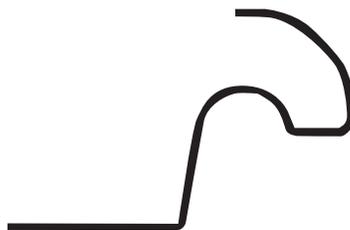
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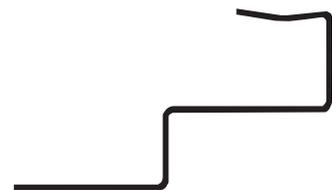
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069



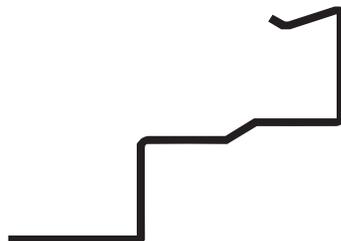
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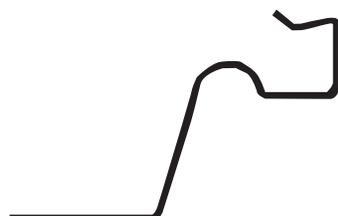
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081



082

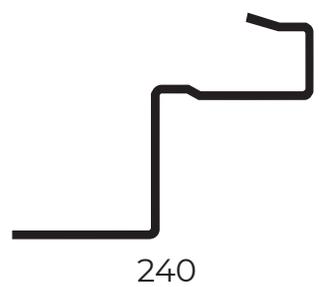
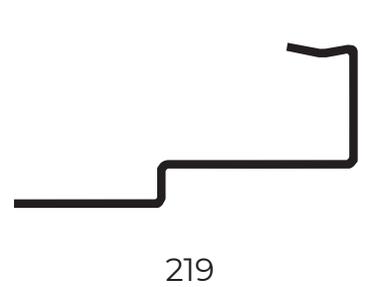
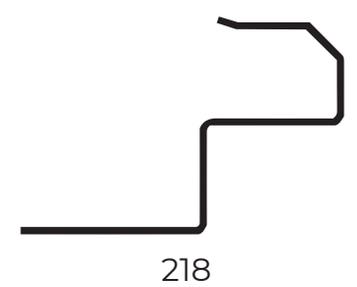
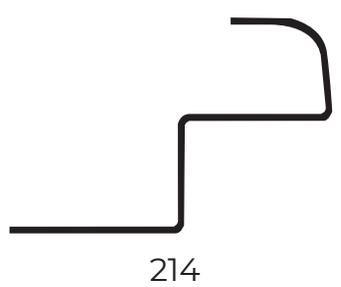
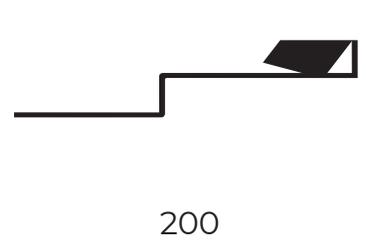
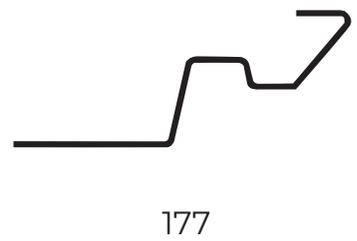
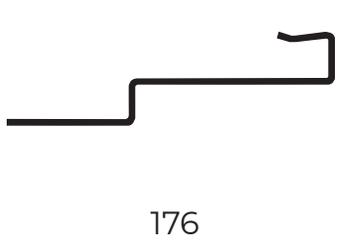
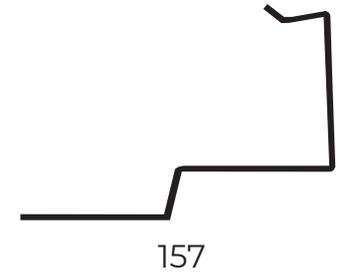
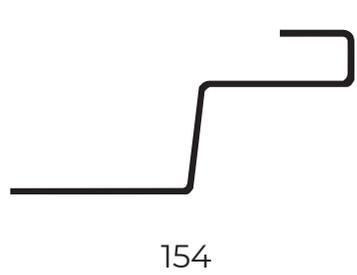
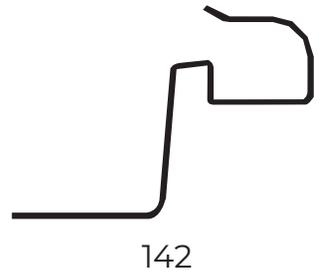
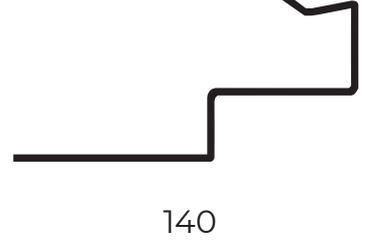
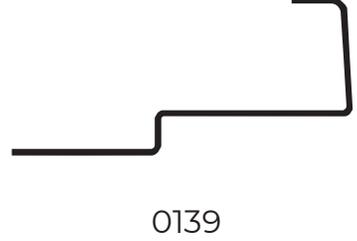
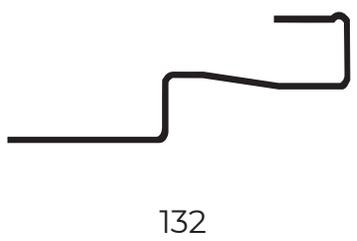
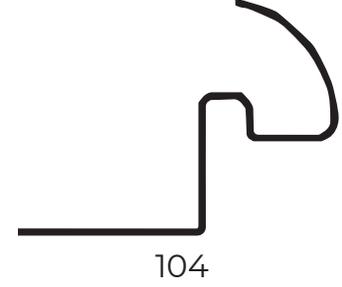
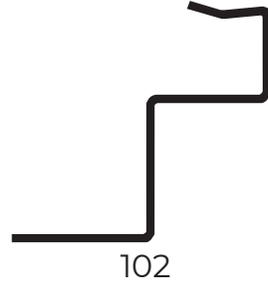
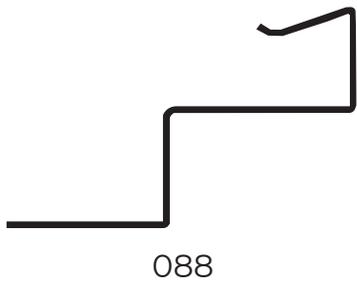


083



Ridge tile brackets

14.1



Ridge tile brackets



Use the IVT application to choose correct brackets to the tiles



Clip U

15.400

Application:

Securing the tiles against sliding it out.

Material:

Steel wire with anti-corrosion coating.



Product no.	Name	Packaging [pcs.]
15400001	small	250
15400002	big	

NORD-MARC clip with hook

15.405

Application:

Securing the tiles against sliding it out.

Material:

Steel wire with anti-corrosion coating.



Product no.	Name	Coating	Packaging [pcs.]
15405002	2B - rectangular	galvanised	250
15405003	3E - semicircular		

Clip 407

15.407

Application:

Securing the tiles against sliding it out.

Material:

Steel wire with anti-corrosion coating.



Product no.	Dimension [mm]	Coating	Packaging [pcs.]
15407075	50 × 50 × 75	galvanised	250
15407100	50 × 50 × 100		



Clip 409 round

15.409

Application:

Securing the tiles against sliding it out.

Material:

Steel wire with anti-corrosion coating.



Product no.	Dimension [mm]	Coating	Packaging [pcs.]
15409448	48 × 48	galvanised	250
15409465	65 × 48		
15409475	75 × 48		
15409665	65 × 65		
15409675	75 × 65		
15409685	85 × 65		



Clip 409P rectangular

15.409P

Application:

Securing the tiles against sliding it out.

Material:

Steel wire with anti-corrosion coating.



Product no.	Dimension [mm]	Coating	Packaging [pcs.]
15409P448	48 × 48	galvanised	250
15409P465	65 × 48		



Clip 416

15.416

Application:

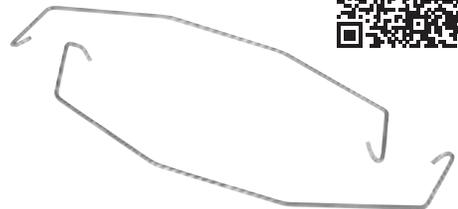
Securing the tiles against sliding it out.

Material:

Steel wire with anti-corrosion coating.



Product no.	Batten thickness [mm]	Coating	Packaging [pcs.]
15416001	40	galvanised	250



Clip 417

15.417

Application:

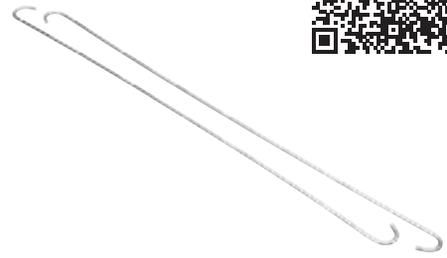
Securing the tiles against sliding it out.

Material:

Steel wire with anti-corrosion coating.



- Universal application, regardless of the batten thickness.



Product no.	Batten thickness [mm]	Coating	Packaging [pcs.]
15417320	320	galvanised	100
15417340	340		

Clip 435, R-side

15.435

Application:

Securing the tiles against sliding it out.

Material:

Steel wire with anti-corrosion coating.



Product no.	Dimension [mm]	Coating	Packaging [pcs.]
15435040	40 × 200	galvanised	250
15435044	40 × 230		
15435050	50 × 200		
15435054	50 × 230		



Clip 437 round

Application:

Securing the tiles against sliding it out.

Material:

Steel wire with anti-corrosion coating.

15.437



Product no.	Dimension [mm]	Coating	Packaging [pcs.]
15437417	40x170	galvanised	250
15437417N	40x170	stainless steel	100



Clip 437P rectangular

Application:

Securing the flat tiles against sliding it out.

Material:

Steel wire with anti-corrosion coating.

15.437P



Product no.	Dimension [mm]	Coating	Packaging [pcs.]
15437P416	40x160	galvanised	250
15437P420	40x200		
15437P416N	40x160	stainless steel	100
15437P420N	40x200		



Clip 499

Application:

Securing the tiles against sliding it out.

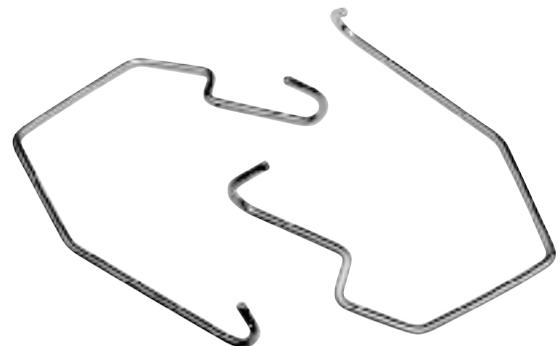
Material:

Steel wire with anti-corrosion coating.

15.499



Product no.	Batten thickness [mm]	Coating	Packaging [pcs.]
15499406	40	galvanised	250



Tile clips



Clip 513, for cut tile

15.513

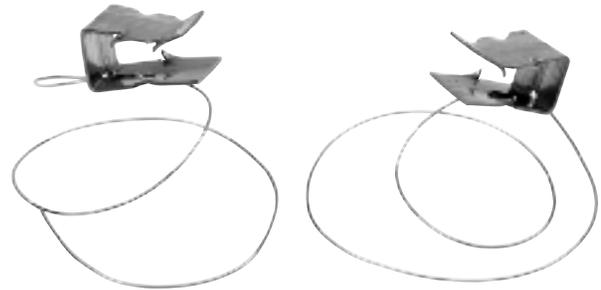
Application:
Safe and quick fastening of cut tiles.

Material:
Stainless steel V2A.

Wire length: 400 mm.



- Fastening of the tiles using clips 513 is the optimal solution due to wind suction forces on the roof.



Product no.	Material	Packaging [pcs.]
15513001	stainless steel	50

Tile clips

Clip for mission tiles

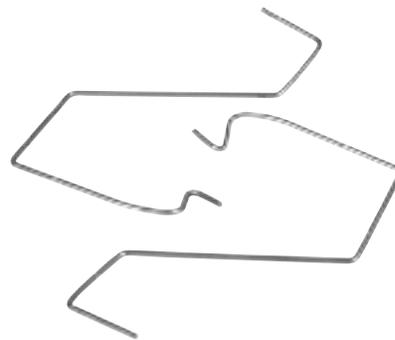
15.620

Application:
Securing the tiles against sliding it out.

Material:
Steel wire with anti-corrosion coating.



Product no.	Material	Packaging [pcs.]
15620001	galvanised	500
15620002	stainless steel	



Installation wire

15.611

Application:

Fastening of roof tiles.

Material:
Stainless steel,
galvanised or copper.
Wire thickness: 0,7 mm.


Product no.	Material	Bar weight [g]	Length [m]	Packaging Box [pcs.]
15611001	galvanised	100	33	50
15611002	stainless steel			
15611003	copper			

Sheet roofing connector

55.2

Application:
Fixing roof sheets with
standing seam.
Material:

Stainless steel

Dimension:

Seam high 25 mm.

Tile clips

Product no.	Width [mm]	Type	Packaging Box [pcs.]
55213001	30	fixed connector	500
55225001	50	sliding connector	

Fixed connector.



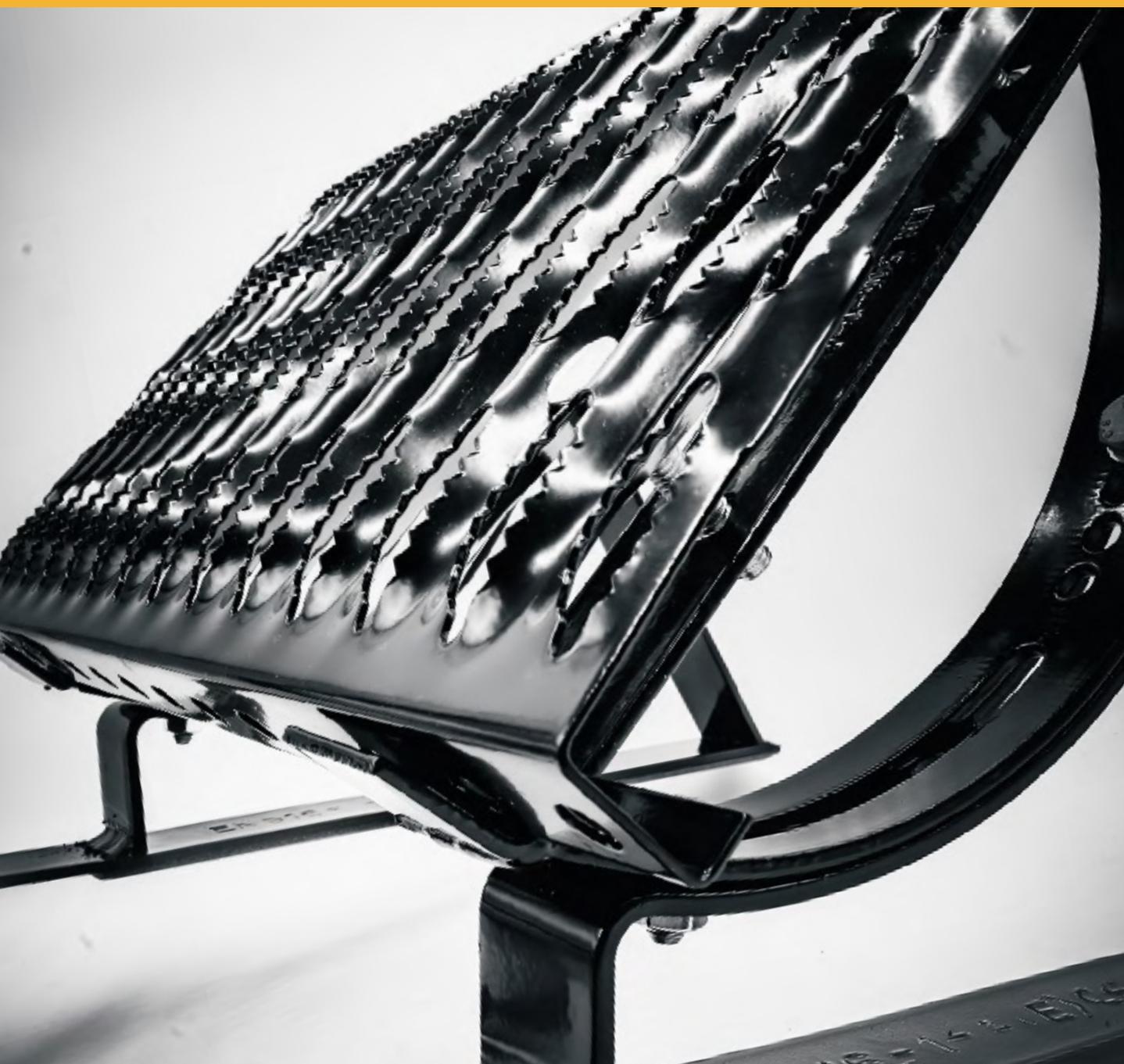
Sliding connector.



Notes



Roof traffic



IVT offers a wide range of system solutions that ensure safe movement and access to all devices installed in the roof area.

The versatility of our roof communication systems allows them to be used with all concrete and ceramic tiles available on the market, all sheet metal coverings and shingles. The colour range makes it possible to match the products to the most popular roofing colours on the market, and on special request, it is possible to provide communication in any colour from the RAL palette.

Roof traffic offer:

- UNIVERSAL-TRITT – steel, complete set for installation packed in handy cartoons;
- STAL-TRITT – steel, complete system consisting of individual elements of roof traffic;
- ALU-TRITT – aluminium, complete set ready for installation.



Use app IVT and match the right brackets to the roof tile



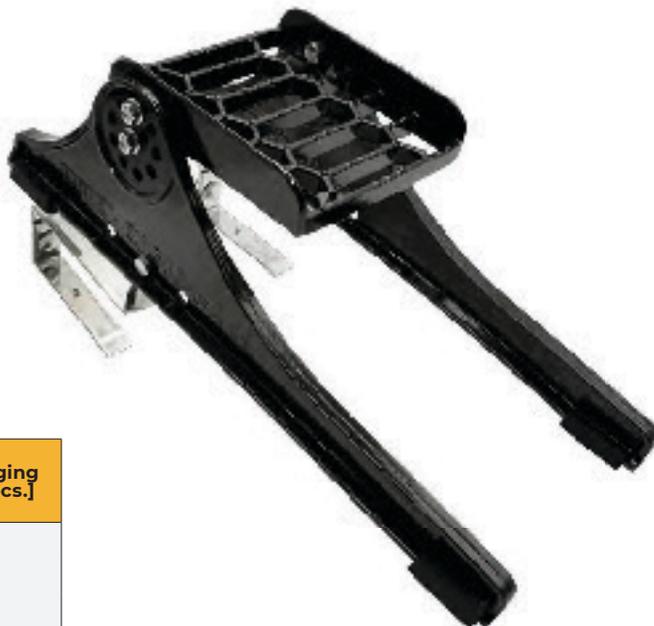
ALU-TRITT universal roof step

23.03

Application:
Universal roof traffic.

Material:
Aluminium cast; connectors and screws; stainless steel.

- Universal product for all Types of roofing materials-clay and concrete tiles and shingles.
- Made of aluminium- corrosion resistant.
- Simple installation, regardless of the roof inclination angle, in range from 10° to 60°.
- All connectors and screws included.



Product no.	Colour	Step dimensions [cm]	Packaging Box [pcs.]
23030100	natural aluminium	18 x 16	10
23030101	black		
23030102	brick red		
23030103	brown		
23030104	chest nut		
23030105	anthracite		

ALU-TRITT roof step for plain tiles

23.07

Application:
Roof traffic for plain tiles 18 x 38 cm.

Material:
Cast aluminium; connectors and screws; stainless steel.

- Perfect for plain tiles.
- Made of aluminium – Corrosion resistant.
- Simple installation, regardless of the roof inclination angle, in range from 10° to 60°.
- All connectors and screws included.



Product no.	Colour	Step dimensions [cm]	Packaging Box [pcs.]
23070100	natural aluminium	18 x 16	10
23070101	black		
23070102	brick red		
23070103	brown		
23070104	chest nut		
23070105	anthracite		

Aluminium ALU-TRITT



ALU-TRITT universal roof tread

23.04

Application:

Universal roof traffic.

Material:

Aluminium cast;
connectors and screws:
stainless steel.

Tread width: 25 cm.

- Universal product for all Types of roofing materials- clay and concrete tiles and shingles.
- Made of aluminium – corrosion resistant.
- Simple installation, regardless of the roof inclination angle in range from 10° to 60°.
- All connectors and screws included.



Product no.	Colour	Tread width [cm]	Packaging Box [pcs.]
23040400	natural aluminium	46	4
23040401	black		
23040402	brick red		
23040403	brown		
23040404	chest nut		
23040405	anthracite		
23040800	natural aluminium	80	4
23040801	black		
23040802	brick red		
23040803	brown		
23040804	chest nut		
23040805	anthracite		



ALU-TRITT roof tread for the plain tile

23.08

Application:

Roof traffic for plain tiles 18 × 38 cm.

Material:

Cast aluminium;
connectors and screws:
stainless steel.

Tread width: 25 cm.

- Perfect for plain tiles.
- Product made of aluminium – corrosion resistant.
- Simple installation, regardless of the roof inclination angle in range from 10° to 60°.
- All connectors and screws included.



Product no.	Colour	Tread width [cm]	Packaging Box [pcs.]
23080400	natural aluminium	46	4
23080401	black		
23080402	brick red		
23080403	brown		
23080404	chest nut		
23080405	anthracite		
23080800	natural aluminium	80	4
23080801	black		
23080802	brick red		
23080803	brown		
23080804	chest nut		
23080805	anthracite		

Aluminium ALU-TRITT



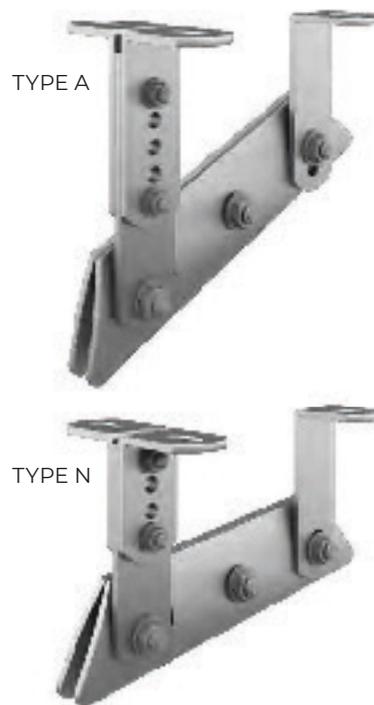
ALU-TRITT roof tread bracket for standing seam 23.21

23.21

Application:
Universal roof traffic.

Material:
Aluminium; screws: steel.

- For standing seam metal roofing.
- Product made of aluminium – corrosion resistant.
- Application range - roof inclination angle from 5° to 50°.
- All connectors and screws included.



Product no.	Colour	Type	Packaging [pcs.]
23210100	natural aluminium	TYPE A from 20° to 50°	1
23210105	anthracite		
23210200	natural aluminium	TYPE N from 5° to 30°	
23210205	anthracite		

ALU-TRITT roof tread bracket for standing seam 23.22

23.22

Application:
Universal roof traffic.

Material:
Aluminium.

Tread width:
25 cm.

- For standing seam metal roofing.
- Product made of aluminium – corrosion resistant.
- Application range - roof inclination angle from 5° to 50°.
- All connectors and screws included.



Product no.	Colour	Tread width [cm]	Packaging [pcs.]
23220600	natural aluminium	67	1
23220605	anthracite		
23221200	natural aluminium	134	1
23221205	anthracite		



UNIVERSAL TRITT® roof step for tiles

Application:

Roof traffic for the tiles.

Material:

Galvanised steel, powder coating padding: polyurethane.

Package includes:

step 2 pcs., bracket 2 pcs., installation screws.

- TYPE **D1** – for interlocking tiles and plain tiles, maximum tile length 42 cm. Total thickness of the tile and batten – maximum 56 mm.
- TYPE **D2** – for interlocking tiles, maximum tile length 47 cm. Total thickness of the tile and batten 61 mm.
- TYPE **D3** – for interlocking tiles, maximum tile length 52 cm. Total thickness of the tile and batten maximum 61 mm.
- Easy installation, does not require additional bearing batten.



Packaging for Universal Tritt



Product no.	Colour	Type	Packaging [pcs.]
24030101	black	TYPE D1 length 40 cm	2
24030102	brick red		
24030103	brown		
24030104	chest nut		
24030105	anthracite		
24070101	black	TYPE D2 length 45 cm	2
24070102	brick red		
24070103	brown		
24070104	chest nut		
24070105	anthracite		
24090101	black	TYPE D3 length 50 cm	2
24090102	brick red		
24090103	brown		
24090104	chest nut		
24090105	anthracite		



UNIVERSAL TRITT® roof tread for tiles

Application:

Roof traffic for the tiles.

Material:

Galvanised steel, powder coating, podding: polyurethane.

Tread width: 25 cm.

Package includes: tread 1 pcs., bracket 2 pcs., cradle 2 pcs., installation screws 8 sets.

- TYPE **D1** – for interlocking and plain tiles, maximum tile length 42 cm. Total thickness of the tile and batten - maximum 56 mm.
- TYPE **D2** – for interlocking tiles, maximum length – 47 cm. Total thickness of the tile and batten 61 mm.
- TYPE **D3** – for interlocking tiles, maximum tile length 52 cm. Total thickness of the tile and batten maximum 61 mm.
- Simple installation, does not require additional bearing batten.



Packaging for Universal Tritt



Steel UNIVERSAL-TRITT

Product no.	Colour	Type	Tread length	Packaging [pcs.]
24040401	black	TYPE D1 length 40 cm	40 cm	1
24040402	brick red			
24040403	brown			
24040404	chest nut			
24040405	anthracite			
24040801	black	TYPE D1 length 40 cm	80 cm	1
24040802	brick red			
24040803	brown			
24040804	chest nut			
24040805	anthracite			
24080401	black	TYPE D2 length 45 cm	40 cm	1
24080402	brick red			
24080403	brown			
24080404	chest nut			
24080405	anthracite			
24080801	black	TYPE D2 length 45 cm	80 cm	1
24080802	brick			
24080803	brown			
24080804	chest nut			
24080805	anthracite			
24100401	black	TYPE D3 length 50 cm	40 cm	1
24100402	brick red			
24100403	brown			
24100404	chest nut			
24100405	anthracite			
24100801	black	TYPE D3 length 50 cm	80 cm	1
24100802	brick red			
24100803	brown			
24100804	chest nut			
24100805	anthracite			



UNIVERSAL TRITT® roof step for metal tiles

Application:
Roof traffic for the metal tiles.

Material:
Galvanised steel, powder coating.

Package includes: step 2 pcs., bracket 2 pcs., installation screws 4 sets.

- TYPE **BL** – for metal tiles module 350 mm.
- TYPE **BV** – for metal tiles module 350 mm and high 35 mm, e.g. Budmat Venecja.
- TYPE **RF** – for metal tiles module 330 mm and high 30 mm, e.g. Ruukki Finnera.
- For sealing use CONNECTO TOP Z (product nr 04.12).
- Fix with screws $\varnothing 8$ mm.



Packaging for Universal Tritt



Product no.	Colour	Type	Packaging [pcs.]
24110101	black	TYPE BL 350/20 mm	2
24110102	brick red		
24110103	brown		
24110105	anthracite		
24180101	black	TYPE BV 350/35 mm	2
24180102	brick red		
24180103	brown		
24180105	anthracite		
24260101	black	TYPE RF 330/30 mm	2
24260102	brick red		
24260103	brown		
24260105	anthracite		



UNIVERSAL TRITT® roof tread for metal

Application:
Roof traffic for metal tiles.

Material:
Galvanised steel, powder coating.

Tread width: 25 cm.

Package includes: tread 1 pcs., bracket 2 pcs., cradle 2 pcs., installation screws 8 set.

- TYPE **BL** – for metal tiles module 350 mm.
- TYPE **BV** – for metal tiles module 350 mm and high 35 mm, e.g. Budmat Venecja.
- TYPE **RF** – for metal tiles module 330 mm and high 30 mm, e.g. Ruukki Finnera.
- For sealing use CONNECTO TOP Z sealant (Product no. 04.12).
- Fix with screws ø8 mm.



Packaging for Universal Tritt



Product no.	Colour	Type	Tread width	Packaging [pcs.]
24120401	black	TYPE BL 350/20 mm	40 cm	1
24120402	brick red			
24120403	brown			
24120405	anthracite			
24120801	black	TYPE BL 350/20 mm	80 cm	1
24120802	brick red			
24120803	brown			
24120805	anthracite			
24190401	black	TYPE BV 350/35 mm	40 cm	1
24190402	brick red			
24190403	brown			
24190405	anthracite			
24190801	black	TYPE BV 350/35 mm	80 cm	1
24190802	brick red			
24190803	brown			
24190805	anthracite			
24270401	black	TYPE RF 330/30 mm	40 cm	1
24270402	brick red			
24270403	brown			
24270405	anthracite			
24270801	black	TYPE RF 330/30 mm	80 cm	1
24270802	brick red			
24270803	brown			
24270805	anthracite			

Steel UNIVERSAL-TRITT



UNIVERSAL TRITT® roof tread for “click” Type roofing sheets

24.33

Application:
Roof traffic for „click”
Type roofing sheets.

Material:
Galvanised steel,
powder coating.

Tread width: 25 cm.

Package includes:

- **Set 60 cm:** tread 1 pcs., bracket "click Type" 2 pcs., bracket 2 pcs., cradle 2 pcs., installation screws.
- **Set 150 cm:** tread 1 pcs., bracket "click Type" 3 pcs..



Packaging for Universal Tritt



Product no.	Colour	Tread length	Packaging [pcs.]
24330601	black	60 cm	1
24330602	brick red		
24330603	brown		
24330605	anthracite		
24331501	black	150 cm	1
24331502	brick red		
24331503	brown		
24331505	anthracite		

Steel UNIVERSAL-TRITT



STAL-TRITT roof step

25.03

Application:

Universal roof traffic.

Material:

Profiled steel sheet.

Finishing:

Galvanised steel with anti-slip perforation, powder coating.

- Can be installed directly to tiles dedicated for installation of roof steps or treads, offered by tile manufacturers.



Product no.	Colour	Step dimensions [cm]	Packaging [pcs.]
25030100	galvanised steel	24 x 16	10
25030101	black		
25030102	brick red		
25030103	brown		
25030104	chest nut/ red 3009		
25030105	anthracite		

Steel STAL-TRITT

STAL-TRITT bracket for the roof tread (cradle)

25.05

Application:

Fixing the roof tread to bracket or tile.

Material:

Steel flat bar.

Finishing:

Galvanised steel, powder coated; Installation screws: galvanised steel.

- Can be installed directly to tiles dedicated for installation of the roof steps or treads, offered by the tile manufacturers.
- 2 pcs of galvanised screws with washers and nuts included.



Product no.	Colour	Bracket dimension [cm]	Packaging [pcs.]
25050100	galvanised steel	25	10
25050101	black		
25050102	brick red		
25050103	brown		
25050104	chest nut/red 3009		
25050105	anthracite		



STAL-TRITT roof tread

25.04

Application:
Universal roof traffic.

Material:
Profiled steel sheet.

Finishing:
Galvanised steel with anti-slip perforation, powder coated.

Tread width: 25 cm.

Tip:

- Connector is required to connect the treads (product no. 25.12)
- Required quantity of the tread brackets:
 - to 100 cm – 2 pcs.,
 - 150 cm and 200 cm – 3 pcs.,
 - 250 cm and 300 cm – 4 pcs.



Product no.	Colour	Tread width [cm]	Packaging [pcs.]
25040400	galvanised steel	40	4
25040401	black		
25040402	brick red		
25040403	brown		
25040404	chest nut/red 3009		
25040405	anthracite		
25040600	galvanised steel	60	4
25040601	black		
25040602	brick red		
25040603	brown		
25040604	chest nut/red 3009		
25040605	anthracite		
25040800	galvanised steel	80	4
25040801	black		
25040802	brick red		
25040803	brown		
25040804	chest nut/red 3009		
25040805	anthracite		
25041000	galvanised steel	100	4
25041001	black		
25041002	brick red		
25041003	brown		
25041004	chest nut/red 3009		
25041005	anthracite		

Product no.	Colour	Tread width [cm]	Packaging [pcs.]
25041500	galvanised steel	150	4
25041501	black		
25041502	brick red		
25041503	brown		
25041504	chest nut/red 3009		
25041505	anthracite		
25042000	galvanised steel	200	4
25042001	black		
25042002	brick red		
25042003	brown		
25042004	chest nut/red 3009		
25042005	anthracite		
25042500	galvanised steel	250	4
25042501	black		
25042502	brick red		
25042503	brown		
25042504	chest nut/red 3009		
25042505	anthracite		
25043000	galvanised steel	300	4
25043001	black		
25043002	brick red		
25043003	brown		
25043004	chest nut/red 3009		
25043005	anthracite		

Steel STAL-TRITT



STAL-TRITT roof step/tread brackets for interlocking tiles



Application:
Fixing the roof step or tread to clay or concrete tiles.

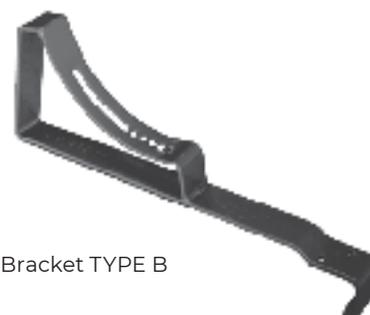
Material:
Steel flat bar.

Finishing:
Galvanised steel, powder coating, installation screws: galvanised steel.

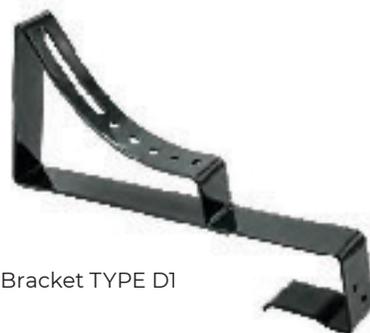
Tread width: 25 cm.

NOTE:

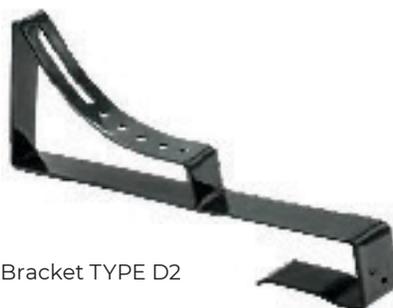
- When using a bracket for installation of the roof treads, maximum distance between the brackets should not exceed 80 cm.
- The brackets are padded with polyurethane foam.
- Bracket TYPE **B** - length 48 cm.
- Bracket TYPE **D1** - length 40 cm, max. thickness of the tile and batten 56 mm.
- Bracket TYPE **D2** - length 45 cm, max. thickness of the tile and batten 61 mm.
- Bracket TYPE **D3** - length 50 cm, max. thickness of the tile and batten 61 mm.



Bracket TYPE B



Bracket TYPE D1



Bracket TYPE D2



Bracket TYPE D3

Product no.	Colour	Bracket type	Packaging [pcs.]
25060200	galvanised steel	TYPE B	10
25060201	black		
25060202	brick red		
25060203	brown		
25060204	chest nut		
25060205	anthracite	TYPE D1	10
25060300	galvanised steel		
25060301	black		
25060302	brick red		
25060303	brown		
25060304	chest nut	TYPE D2	10
25060305	anthracite		
25060400	galvanised steel		
25060401	black		
25060402	brick red		
25060403	brown	TYPE D3	10
25060404	chest nut		
25060405	anthracite		
25060500	galvanised steel		
25060501	black		
25060502	brick red		
25060503	brown		
25060504	chest nut		
25060505	anthracite		

Steel STAL-TRITT



STAL-TRITT roof step/tread bracket for plain tiles

25.07

Application:

Fixing the roof step or tread to plain tiles.

Material:

Steel flat bar.

Finishing:

Galvanised steel, powder coating, installation screws: galvanised steel.

NOTE:

- When using a bracket for installation of the roof treads, maximum distance between the brackets should not exceed 80 cm.
- Length of the bracket 48 cm.



Product no.	Colour	Packaging [pcs.]
25070100	galvanised steel	10
25070101	black	
25070102	brick red	
25070103	brown	
25070104	chest nut	
25070105	anthracite	

STAL-TRITT roof step/tread bracket for metal tiles TYPE B1



Application:
Fixing the roof step or tread to metal tiles.

Material:
Steel flat bar.

Finishing:
Galvanised steel, powder coating, installation screws: galvanised steel.

NOTE:

- When using a bracket for installation of the roof treads, maximum distance between the brackets should not exceed 80 cm.
- 2 pcs. of galvanised screws with washers and nuts included .



Product no.	Colour	TYPE/Module the metal tile	Packaging [pcs.]
25083500	galvanised steel	TYPE B1 350/20 mm	10
25083501	black		
25083502	brick red		
25083503	brown		
25083504	chest nut/red 3009		
25083505	anthracite		
25084000	galvanised steel	TYPE B1 400/20 mm	10
25084001	black		
25084002	brick red		
25084003	brown		
25084004	chest nut/red 3009		
25084005	anthracite		
25084600	galvanised steel	TYPE B1 460/20 mm	10
25084601	black		
25084602	brick red		
25084603	brown		
25084604	chest nut/red 3009		
25084605	anthracite		
25086301	black	TYPE B1 350/35 mm	10
25086302	brick red		
25086303	brown		
25086304	chest nut/red 3009		
25086305	anthracite		
25086501	black	TYPE B1 350/30 mm	10
25086502	brick red		
25086503	brown		
25086504	chest nut/red 3009		
25086505	anthracite		
25086701	black	TYPE B1 330/30 mm	10
25086702	brick red		
25086703	brown		
25086704	chest nut/red 3009		
25086705	anthracite		

Steel STAL-TRITT



STAL-TRITT roof step/tread bracket for metal tiles TYPE B2

25.13

Application:
Fixing the roof step or tread to flat tiles.

Material:
Steel flat bar.

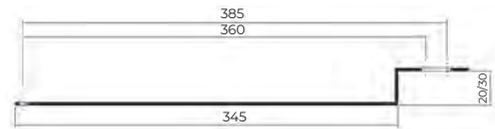
Finishing:
Galvanised steel, powder coating, installation screws: galvanised steel.

NOTE:

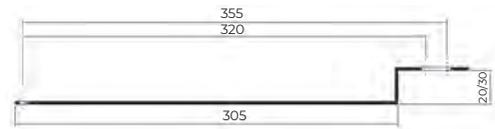
- When using a bracket for installation of the roof treads, maximum distance between the brackets should not exceed 80 cm.
- 2 pcs. of galvanised screws with washers and nuts included .



Product no.	Colour	Metal roof tile type	Packaging [pcs.]
25130101	black	TYPE B2A emobossing 20 module 360-385	10
25130102	brick red		
25130103	brown		
25130104	chest nut		
25130105	anthracite		
25130201	black	TYPE B2B emobossing 30 module 360-385	10
25130202	brick red		
25130203	brown		
25130204	chest nut		
25130205	anthracite		
25130301	black	TYPE B2C emobossing 20 module 320-355	10
25130302	brick red		
25130303	brown		
25130304	chest nut		
25130305	anthracite		
25130401	black	TYPE B2D emobossing 30 module 320-355	10
25130402	brick red		
25130403	brown		
25130404	chest nut		
25130405	anthracite		



Bracket TYPE B2A, TYPE B2B



Bracket TYPE B2C, TYPE B2D

Steel STAL-TRITT



STAL-TRITT roof step/tread bracket universal flat

25.09

Application:

Fixing of roof steps or treads to shingles, flat and corrugated roofing sheets.

Material:

Steel flat bar.

Finishing:

Galvanised steel, powder coating, installation screws: galvanised steel.

NOTE:

- When using a bracket for installation of the roof treads, maximum distance between the brackets should not exceed 80 cm.
- 2 pcs of galvanised screws with washers and nuts included.
- Distance between installation holes 200 mm.



Product no.	Colour	Packaging [pcs.]
25090100	galvanised steel	10
25090101	black	
25090102	brick red	
25090103	brown	
25090104	chest nut	
25090105	anthracite	



Bracket for standing seam

25.100

Application:
Fixing for standing seam metal roofing.

Material:
Steel flat bar, galvanised.

Finishing: Powder coating.

NOTE:

- For complete installation of the roof step or tread, it is required to install the universal flat bracket (**product no. 25.09**).
- When using a bracket for installation of the roof treads, maximum distance between the brackets should not exceed 80 cm.



Product no.	Colour	Packaging [pcs.]
25100100	galvanised steel	10
25100101	black	
25100102	brick red	
25100103	brown	
25100105	anthracite	

Bracket for „click” type roofing sheet

25.101

Application:
Fixing for „click” type roofing sheet.

Material:
Galvanised steel, powder coating.

NOTE:

- For complete installation of the roof step of tread, it is required to install the universal flat bracket (**product no. 25.09**).
- When using a bracket for installation of the roof treads, maximum distance between the brackets should not exceed 80 cm
- Distance between mounting holes: 115 mm.
- Adjustable.
- TYPE-NR – max high of the lock 28 mm.**
- TYPE-WR – max high of the lock 46 mm.**



Product no.	Colour	Mounting type	Packaging [pcs.]
25101100	galvanised steel	NR 28 mm	10
25101101	black		
25101102	brick red		
25101103	brown		
25101105	anthracite		
25101200	galvanised steel	WR 46 mm	10
25101201	black		
25101202	brick red		
25101203	brown		
25101205	anthracite		



STAL-TRITT wall bracket for roof tread

25.11

Application:
Fixing the roof tread to chimney.

Material:
Steel flat bar.

Finishing:
Galvanised steel, powder coating, installation screws: galvanised steel.

Product no.	Colour	Packaging [pcs.]
25110100	galvanised steel	2
25110101	black	
25110102	brick red	
25110103	brown	
25110104	chest nut	
25110105	anthracite	



Steel STAL-TRITT

STAL-TRITT roof tread connector

25.12

Application:
Connection of the roof treads.

Material:
Steel flat bar.

Finishing:
Galvanised steel, powder coating, installation screws: galvanised steel.

- 2 pcs of galvanised screws with washers and nuts included.
- To connect two treads together, 2 pcs of the connector are required.



Product no.	Colour	Connector dimension [mm]	Packaging [pcs.]
25120100	galvanised steel	18 x 10	10
25120101	black		
25120102	brick red		
25120103	brown		
25120104	chest nut		
25120105	anthracite		



STAL-TRITT roof step/tread bracket with mounting for panel sheets "click" version

25.14

Application:

Fastening the bench to panel type metal sheets "Click".

Material:

Galvanised steel powder coating.

Finishing:

Galvanised steel, powder coating, installation screws: galvanised steel.

NOTE:

- **TYPE-N** max high of the lock 32 mm.
- **TYPE-W** max high of the lock 46 mm.

Product no.	Colour	TYPE	Packaging [pcs.]
25140301	black	N 32 mm	2
25140302	brick red		
25140303	brown		
25140305	anthracite		
25140501	black	W 46 mm	2
25140502	brick red		
25140503	brown		
25140505	anthracite		



Notes



Snow retention systems



Snow load zones – guide to your local regulations

Different countries have local legislation providing instructions and guidance with regards to snow retention systems, based on historical snow load records.

Please refer to these documents to establish how to install snow retention systems on your roof in accordance with the local law.



ALU-SNOW snow fence

33.02

Application:

Protection of passageways from snow.

Material:

Closed steel profile with aluzinc coating, powder coated.

- Individual fence sections can be connected without additional connectors



Product no.	Colour	Fence length [cm]	Packaging Box [pcs.]
33023000	natural aluminium	300	10
33023001	black		
33023002	brick red		
33023003	brown		
33023004	chest nut		
33023005	anthracite		

ALU-SNOW universal fence bracket

33.03

Application:

Fixing the fence to all kinds of tiles and shingles.

Material:

Aluminium cast; connector: stainless steel.

NOTE:

- Maximum distance between brackets depends on roof slope inclination and snow load zone.

Product no.	Bracket dimension [cm]	Colour	Packaging Box [pcs.]
33030100	24	natural aluminium	10
33030101	24	black	10
33030102	24	brick red	10
33030103	24	brown	10
33030104	24	chest nut	10
33030105	24	anthracite	10



ALU-SNOW fence bracket for flat tile**33.04****Application:**

Fixing the fence to 18 x 38 cm flat tiles.

Material:Aluminium cast;
connector: stainless steel.**NOTE:**

- Maximum distance between brackets depends on roof slope inclination and snow load zone.

Product no.	Colour	Bracket dimension [cm]	Packaging Box [pcs.]
33040100	natural aluminium	24	10
33040101	black		
33040102	brick red		
33040103	brown		
33040104	chest nut		
33040105	anthracite		



ALU-SNOW BL snow pipe

33.11

Application:

Protection of passageways from snow.

Material:

Aluminium.

Wall thickness:

2,0 mm.

Product no.	Colour	Pipe diameter [mm]	Pipe length [m]	Packaging Box [pcs.]
33112000	natural aluminium	30	2	10
33112005	anthracite			



ALU-SNOW BL snow pipe bracket for metal roofing

33.12

Application:

Fixing snow rails.

Material:

Aluminium; installation screws.

Hole diameter: 32 mm.

Aluminium thickness: 5,0 mm.

Product no.	Colour	Type	Packaging Box [pcs.]
33120100	natural aluminium	single	10
33120105	anthracite		10
33120200	natural aluminium	double	10
33120205	anthracite		10
33120300	natural aluminium	triple	6
33120305	anthracite		6



Aluminium ALU-SNOW



ALU-SNOW BL pipe stopper

33.14

Application:
Fixing snow rails.

Material:
Aluminium; installation
screws : galvanised steel.

Wall thickness:
2,0 mm.

Product no.	Colour	Dimension [mm]	Packaging Box [pcs.]
33140100	natural aluminium	30 x 35	50
33140105	anthracite		



ALU-SNOW BL pipe connector

33.16

Application:
Connecting the snow rails.

Material:
PCW.

Product no.	Colour	Dimension [mm]		Packaging Box [pcs.]
		Diameter	Length	
33160100	black	ø26 (ring ø30)	82	50



ALU-SNOW BL pipe plug

33.17

Application:
Closing snow rails.

Material:
PCW.

Product no.	Colour	Dimension [mm]		Packaging Box [pcs.]
		Diameter	Length	
33170100	black	ø26 (ring ø30)	41	50



UNIVERSAL SNOW® Snow fence for tiles

34.0

Application:

Protection of passageways from snow.

Material:

Galvanised steel, powder coating.

Fence height: 15 cm.



INFO:

- TYPE **D1** – installation for interlocking and flat tiles, maximum length of the tile is 42 cm. Total thickness of the tile and batten 56 mm.
- TYPE **D2** – installation for interlocking tiles, maximum tile length 47 cm. Total thickness of the tile and batten 61 mm.
- TYPE **D3** – installation for interlocking tiles, maximum tile length 52 cm. Total thickness of the tile and batten 61 mm.

Set includes:

- 240 cm – fence 2 pcs., brackets 4 pcs., fence connector 2 pcs.
- 360 cm – fence 3 pcs., brackets 6 pcs., fence connector 4 pcs.
- 480 cm – fence 4 pcs., brackets 8 pcs, fence connector 6 pcs.

Packaging for Universal Snow



Product no.	Colour	Type	Set length [cm]	Packaging [pcs.]
34032411	black	TYPE D1 bracket length 40 cm	240	1
34032412	brick red			
34032413	brown			
34032414	chest nut			
34032415	anthracite			
34033611	black	TYPE D1 bracket length 40 cm	360	1
34033612	brick red			
34033613	brown			
34033614	chest nut			
34033615	anthracite	TYPE D1 bracket length 40 cm	480	1
34034811	black			
34034812	brick red			
34034813	brown			
34034814	chest nut			
34034815	anthracite	TYPE D2 bracket length 45 cm	240	1
34072411	black			
34072412	brick red			
34072413	brown			
34072414	chest nut	TYPE D2 bracket length 45 cm	360	1
34072415	anthracite			
34073611	black			
34073612	brick red			
34073613	brown			
34073614	chest nut	TYPE D2 bracket length 45 cm	480	1
34073615	anthracite			
34074811	black			
34074812	brick red			
34074813	brown			
34074814	chest nut	TYPE D3 bracket length 50 cm	240	1
34074815	anthracite			
34082411	black			
34082412	brick red			
34082413	brown			
34082414	chest nut	TYPE D3 bracket length 50 cm	360	1
34082415	anthracite			
34083611	black			
34083612	brick red			
34083613	brown			
34083614	chest nut	TYPE D3 bracket length 50 cm	480	1
34083615	anthracite			
34084811	black			
34084812	brick red			
34084813	brown			
34084814	chest nut			
34084815	anthracite			

Steel UNIVERSAL-SNOW



UNIVERSAL SNOW® for metal tiles

34.1

Application:

Protection of passageways from snow.

Material:

Galvanised steel, powder coating.

Fence high: 15 cm.



INFO:

- For metal tiles module 350 mm and system tiles.
- Fix with installation screws ø8 mm.

Set includes:

- 240 cm – fence 2 pcs., brackets 4 pcs., fence connector 2 pcs.
- 360 cm – fence 3 pcs., brackets 6 pcs., fence connector 4 pcs.
- 480 cm – fence 4 pcs., brackets 8 pcs. fence connector 6 pcs.

Packaging for Universal Snow



Product no.	Colour	Type	Set length [cm]	Packaging Box [pcs.]
34112411	black	TYPE BL 350/20 mm	240	1
34112412	brick red			
34112413	brown			
34112415	anthracite			
34113611	black	TYPE BL 350/20 mm	360	1
34113612	brick red			
34113613	brown			
34113615	anthracite			
34114811	black	TYPE BL 350/20 mm	480	1
34114812	brick red			
34114813	brown			
34114815	anthracite			
34142411	black	TYPE BV 350/35 mm	240	1
34142412	brick red			
34142413	brown			
34142415	anthracite			
34143611	black	TYPE BV 350/35 mm	360	1
34143612	brick red			
34143613	brown			
34143615	anthracite			
34144811	black	TYPE BV 350/35 mm	480	1
34144812	brick red			
34144813	brown			
34144815	anthracite			
34182411	black	TYPE RF 330/30 mm	240	1
34182412	brick red			
34182413	brown			
34182415	anthracite			
34183611	black	TYPE RF 330/30 mm	360	1
34183612	brick red			
34183613	brown			
34183615	anthracite			
34184811	black	TYPE RF 330/30 mm	480	1
34184812	brick red			
34184813	brown			
34184815	anthracite			

Steel UNIVERSAL-SNOW



UNIVERSAL TUBE SNOW® snow rail for tiles

34.2

Application:

Protection of passageways from snow.

Material:

Galvanised steel, powder coating.



INFO:

- TYPE **R1** – for interlocking and flat tiles maximum tile length 42 cm. Total thickness of the tile and batten 56 mm.
- TYPE **R2** – for interlocking tiles, maximum tile length 47 cm. Total thickness of the tile and batten 61 mm.
- TYPE **R3** – for interlocking tiles, maximum tile length 52 cm. Total thickness of the tile and batten 61 mm.

Set includes:

- 240 cm – pipes 4 pcs., brackets 4 pcs., connector 2 pcs., plugs 4 pcs., stopper 4 pcs.
- 360 cm – pipes 6 pcs., brackets 6 pcs., connector 4 pcs., plugs 4 pcs., stopper 4 pcs.
- 480 cm – pipes 8 pcs., brackets 8 pcs., connector 6 pcs., plugs 4 pcs., stopper 4 pcs.

Packaging for Universal Tube Snow



Product no.	Colour	Type	Set length [cm]	Packaging Box [pcs.]
34232401	black	TYPE R1 bracket length 40 cm	240	1
34232402	brick red			
34232403	brown			
34232404	chest nut			
34232405	anthracite			
34233601	black		360	1
34233602	brick red			
34233603	brown			
34233604	chest nut			
34233605	anthracite			
34234801	black		480	1
34234802	brick red			
34234803	brown			
34234804	chest nut			
34234805	anthracite			
34272401	black	TYPE R2 bracket length 45 cm	240	1
34272402	brick red			
34272403	brown			
34272404	chest nut			
34272405	anthracite			
34273601	black		360	1
34273602	brick red			
34273603	brown			
34273604	chest nut			
34273605	anthracite			
34274801	black		480	1
34274802	brick red			
34274803	brown			
34274804	chest nut			
34274805	anthracite			
34282401	black	TYPE R3 bracket length 50 cm	240	1
34282402	brick red			
34282403	brown			
34282404	chest nut			
34282405	anthracite			
34283601	black		360	1
34283602	brick red			
34283603	Brown			
34283604	chest nut			
34283605	anthracite			
34284801	black		480	1
34284802	brick red			
34284803	brown			
34284804	chest nut			
34284805	anthracite			

Steel UNIVERSAL-SNOW



UNIVERSAL TUBE SNOW® snow rail for tiles

34.3

Application:

Protection of passageways from snow.

Material:

Galvanised steel, powder coating.



INFO:

- For metal tiles module 350 mm width and system tiles.
- Fix with screws \varnothing 8 mm.

Set includes:

- 240 cm – pipe 4 pcs., bracket 4 pcs., connector 2 pcs., plug 4 pcs., stopper 4 pcs.
- 360 cm – pipe 6 pcs., bracket 6 pcs., connector 4 pcs., plug 4 pcs., stopper 4 pcs.
- 480 cm – pipe 8 pcs., bracket 8 pcs., connector 6 pcs., plug 4 pcs., stopper 4 pcs.

Packaging for Universal Tube Snow



Product no.	Colour	Type	Set length [cm]	Packaging Box [pcs.]
34312401	black	TYPE BL 350/20 mm	240	1
34312402	brick red			
34312403	brown			
34312405	anthracite			
34313601	black	TYPE BL 350/20 mm	360	1
34313602	brick red			
34313603	brown			
34313605	anthracite			
34314801	black	TYPE BL 350/20 mm	480	1
34314802	brick red			
34314803	brown			
34314805	anthracite			
34342401	black	TYPE BV 350/35 mm	240	1
34342402	brick red			
34342403	brown			
34342405	anthracite			
34343601	black	TYPE BV 350/35 mm	360	1
34343602	brick red			
34343603	brown			
34343605	anthracite			
34344801	black	TYPE BV 350/35 mm	480	1
34344802	brick red			
34344803	brown			
34344805	anthracite			
34382401	black	TYPE RF 330/30 mm	240	1
34382402	brick red			
34382403	brown			
34382405	anthracite			
34383601	black	TYPE RF 330/30 mm	360	1
34383602	brick red			
34383603	brown			
34383605	anthracite			
34384801	black	TYPE RF 330/30 mm	480	1
34384802	brick red			
34384803	brown			
34384805	anthracite			

Steel UNIVERSAL-SNOW



STAL-SNOW snow fence

35.04

Application:

Protection of passageways from snow.

Material:

Galvanised steel.

Fence high: 15 cm.

NOTE:

- To connect sections of the fence, a connector (product no. 35.05) is required.

Product no.	Colour	Fence length [cm]	Packaging [pcs.]
35041210	hot dip galvanizing	120	4
35041211	black		
35041212	brick red		
35041213	brown		
35041214	chest nut/red 3009		
35041215	anthracite		
35042010	hot dip galvanizing	200	4
35042011	black		
35042012	brick red		
35042013	brown		
35042014	chest nut/ red 3009		
35042015	anthracite		
35043010	hot dip galvanizing	300	4
35043011	black		
35043012	brick red		
35043013	brown		
35043014	chest nut/ red 3009		
35043015	anthracite		



Steel STAL-SNOW

STAL-SNOW snow fence connector

35.05

Application:

Connecting STAL-SNOW snow fences.

Material:

Galvanised steel.

Finishing:

Powder coating.

NOTE:

- To connect two sections of the fence, 2 pcs of connectors are required.

Product no.	Colour	Connector dimensions [cm]	Packaging [pcs.]
35050100	hot dip galvanizing	2,5 × 6	20
35050101	black		
35050102	brick red		
35050103	brown		
35050104	chest nut/red 3009		
35050105	anthracite		



STAL-SNOW snow fence bracket for interlocking tiles

35.06

Application:

Fixing snow fences to concrete or clay tiles.

Material:

Flat steel bar, galvanised.

Finishing:

Powder coating.

NOTE:

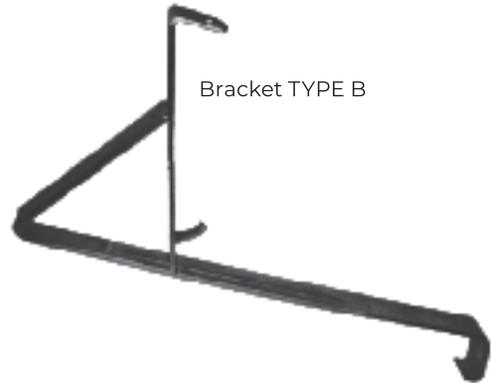
- Maximum distance between brackets depends on roof slope inclination and snow load zone.
- Due to snow load's weight on roof slopes, brackets should be installed at the wall plate height.
- Bracket construction ensures quick and easy installation of snow fences onto brackets.

INFO:

- Bracket TYPE **D1** – length 40 cm, max. thickness of the tile and batten 56 mm.
- Bracket TYPE **D2** – length 45 cm, max. thickness of the tile and batten 61 mm.
- Bracket TYPE **D3** – length 50 cm, max. thickness of the tile and batten 61 mm.

Steel STAL-SNOW

Product no.	Colour	Type	Packaging [pcs.]
35060210	hot dip galvanizing	TYPE B	10
35060211	black		
35060212	brick red		
35060213	brown		
35060214	chest nut/red 3009		
35060215	anthracite		
35060310	hot dip galvanizing	TYPE D1	10
35060311	black		
35060312	brick red		
35060313	brown		
35060314	chest nut/ red 3009		
35060315	anthracite		
35060410	hot dip galvanizing	TYPE D2	10
35060411	black		
35060412	brick red		
35060413	brown		
35060414	chest nut/ red 3009		
35060415	anthracite		
35060510	hot dip galvanizing	TYPE D3	10
35060511	black		
35060512	brick red		
35060513	brown		
35060514	chest nut/ red 3009		
35060515	anthracite		



Bracket TYPE B



Bracket TYPE D1



Bracket TYPE D2



Bracket TYPE D3



STAL-SNOW snow fence bracket for plain tiles

35.07

Application:

Fixing snow fences to metal tiles.

Material:

Steel flat bar, galvanised.

Finishing:

Powder coating.

NOTE:

- Maximum distance between brackets depends on the roof slope inclination and snow load zone.
- Due to snow load's weight on roof slopes, brackets should be installed at the wall plate height.
- Bracket construction ensures quick and easy installation of snow fences onto brackets.

Product no.	Colour	Packaging [pcs.]
35070110	hot dip galvanizing	10
35070111	black	
35070112	brick red	
35070113	brown	
35070114	chest nut	
35070115	anthracite	



Steel STAL-SNOW



STAL-SNOW snow fence bracket for metal tiles TYPE B1

35.08

Application:
Fixing snow fences to metal tiles.

Material:
Steel flat bar, galvanised.

Packaging: 10 pcs.

Finishing:
Powder coating.

NOTE:

- Maximum distance between brackets depends on roof slope inclination and snow load zone.
- Due to snow load's weight on roofs slopes, brackets should be installed at the wall plate night.
- Bracket construction ensures quick and easy installation of snow fences onto brackets.



Steel STAL-SNOW

Product no.	Colour	Module length/ Profile height
35083510	hot dip galvanizing	TYPE B1 350/20 mm
35083511	black	
35083512	brick red	
35083513	brown	
35083514	chest nut/ red 3009	
35083515	anthracite	
35084010	hot dip galvanizing	TYPE B1 400/20 mm
35084011	black	
35084012	brick red	
35084013	brown	
35084014	chest nut/red 3009	
35084015	anthracite	
35084610	hot dip galvanizing	TYPE B1 460/20 mm
35084611	black	
35084612	brick red	
35084613	brown	
35084614	chest nut/red 3009	
35084615	anthracite	
35086311	black	TYPE B1 350/35 mm
35086312	brick red	
35086313	brown	
35086314	chest nut/ red 3009	
35086315	anthracite	
35086511	black	
35086512	brick red	
35086513	brown	
35086514	chest nut/ red 3009	
35086515	anthracite	
35086711	black	TYPE B1 330/30 mm
35086712	brick red	
35086713	brown	
35086714	chest nut /red 3009	
35086715	anthracite	



STAL-SNOW snow fence bracket for metal tiles TYPE B2

35.13

Application:
Fixing snow fences to metal tiles.

Material:
Steel flat bar, galvanised.

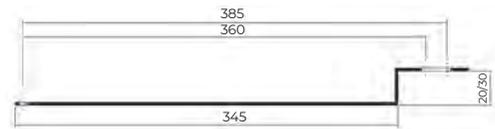
Finishing:
Powder coating.

NOTE:

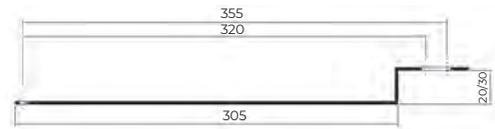
- Maximum distance between brackets depends on roof slope inclination and snow load zone.
- Due to snow load's weight on roofs slopes, brackets should be installed at the wall plate night.
- Bracket construction ensures quick and easy installation of snow fences onto brackets.



Product no.	Colour	Type of metal tile	Packaging [pcs.]
35130111	black	TYPE B2A embossing 20 module 360-385	10
35130112	brick red		
35130113	brown		
35130114	chest nut/red 3009		
35130115	anthracite		
35130211	black	TYPE B2B embossing 30 module 360-385	
35130212	brick red		
35130213	brown		
35130214	chest nut/red 3009		
35130215	anthracite		
35130311	black	TYPE B2C embossing 20 module 320-355	
35130312	brick red		
35130313	brown		
35130314	chest nut/ red 3009		
35130315	anthracite		
35130411	black	TYPE B2D embossing 30 module 320-355	
35130412	brick red		
35130413	brown		
35130414	chest nut/red 3009		
35130415	anthracite		



Bracket TYPE B2A, TYPE B2B



Bracket TYPE B2C, TYPE B2D

Steel STAL-SNOW



STAL-SNOW snow fence bracket universal flat

35.09

Application:

Fixing snow fences to shingles, flat and corrugated roofing sheets.

Material:

Steel flat bar, galvanised.

Finishing:

Powder coating.

NOTE:

- Maximum distance between brackets depends on roof slope inclination and snow load zone.
- Due to snow load's weight on roof slopes, brackets should be installed at the wall plate height.
- Bracket construction ensures quick and easy installation of snow fences into brackets.
- Using the bracket for corrugated sheet:
 - TYPE A – max. corrugation depth 25 mm.
- Distance between installation holes: 85 mm.



Product no.	Colour	Type	Packaging [pcs.]
35090110	hot dip galvanizing	TYPE A	10
35090111	black		
35090112	brick red		
35090113	brown		
35090114	chest nut		
35090115	anthracite		

For complete installation of set STAL-SNOW it is required to use:

- universal flat bracket no. 35.09 and bracket no. 25.101 in case of standing seal metal roofing "click" type,
- universal flat bracket 35.09 and bracket 25.100 in case of standing seam metal roofing.

Bracket „click” type for standing seam

25.101

Application:

Fixing the roof step or tread to „click” type roofing sheet.

Material:

Steel flat bar, powder coating.

NOTE:

- When using a bracket for installation of the roof treads, maximum distance between the brackets should not exceed 80 cm
- For complete installation of the roof step or tread, it is required to install the universal flat bracket (product code 35.09)
- **TYPE-NR – max height of the lock 28 mm.**
- **TYPE-WR – max height of the lock 46 mm.**

Product no.	Colour	Type	Packaging [pcs.]
25101100	galvanised steel	NR 28mm	10
25101101	black		
25101102	brick red		
25101103	brown		
25101105	anthracite		
25101200	galvanised steel	WR 46mm	10
25101201	black		
25101202	brick red		
25101203	brown		
25101205	anthracite		



Steel STAL-SNOW



STAL-SNOW snow breaker

35.11

Application:

Breaking up layers of sliding snow.

Material:

Steel flat bar, galvanised.

Finishing:

Powder coating.

Application of snow breakers:

- TYPE A – clay or concrete interlocking tile,
- TYPE B – bituminous shingles, felt, flat sheet corrugated sheet, metal tile,
- TYPE C – flat tile.

NOTE:

- Breakers should only be used as supplementary elements to snow fences or snow rails.

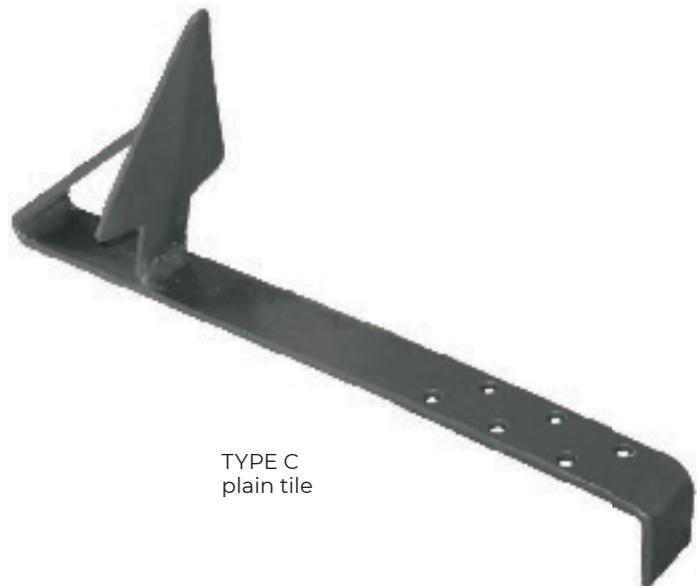
Product no.	Colour	Type	Packaging [pcs.]
35110100	hot dip galvanizing	TYPE A interlocking tile	20
35110102	brick red		
35110103	brown		
35110105	anthracite		
35110200	hot dip galvanizing	TYPE B flat	20
35110202	brick red		
35110203	brown		
35110205	anthracite		
35110300	hot dip galvanizing	TYPE C plain tile	10
35110302	brick red		
35110303	brown		
35110305	anthracite		



TYPE A interlocking tile



TYPE B flat



TYPE C plain tile

Steel STAL-SNOW



TUBE-SNOW snow pipe

36.04

Application:

Protection of passageways from snow.

Material:

Galvanised steel.

Finishing:

Powder coating.

Tube diameter: ø32 mm.

NOTE:

- To connect the pipes, a connector is required (product no. 36.05).

Product no.	Colour	Pipe length [cm]	Packaging [pcs.]
36041200	hot dip galvanizing	120	10
36041201	black		
36041202	brick red		
36041203	brown		
36041204	chest nut/red 3009		
36041205	anthracite		
36042000	hot dip galvanizing	200	10
36042001	black		
36042002	brick red		
36042003	brown		
36042004	chest nut/red 3009		
36042005	anthracite		
36043000	hot dip galvanizing	300	10
36043001	black		
36043002	brick red		
36043003	brown		
36043004	chest nut/red 3009		
36043005	anthracite		



Steel STAL-SNOW



TUBE-SNOW pipe connector

36.05

Application:
Connecting snow pipes TUBE-SNOW.

Material:
PVC.

Product no.	Colour	Connector dimension [cm]	Packaging [pcs.]
36050100	black	2,5 × 6	10



TUBE-SNOW pipe stopper

36.14

Application:
Fixing snow pipes.

Material:
Galvanised steel.

Product no.	Colour	Packaging [pcs.]
36140101	black	50
36140102	brick red	
36140103	brown	
36140105	anthracite	



Steel STAL-SNOW

TUBE-SNOW pipe plug

36.15

Application:
Closing snow pipes.

Material:
PVC.

Product no.	Colour	Packaging [pcs.]
36150100	black	20



TUBE-SNOW snow pipe bracket for interlocking tiles

36.06

Application:

Fixing snow pipes to concrete or clay tiles.

Material:

Steel flat bar, galvanised.

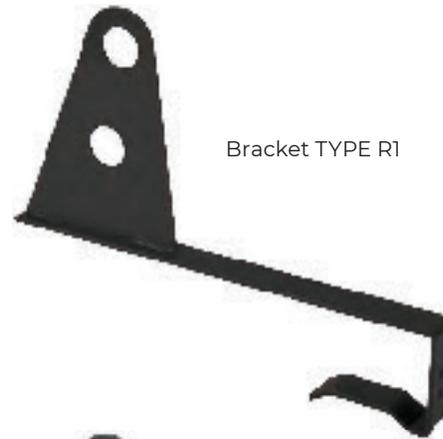
Finishing:

Powder coating.

NOTE:

- Maximum distance between brackets depends on roof slope inclination and snow load zone.
- Due to snow load's weight on roof slopes, brackets should be installed at the wall plate height.
- Bracket construction ensures quick and easy installation of snow pipes into brackets.

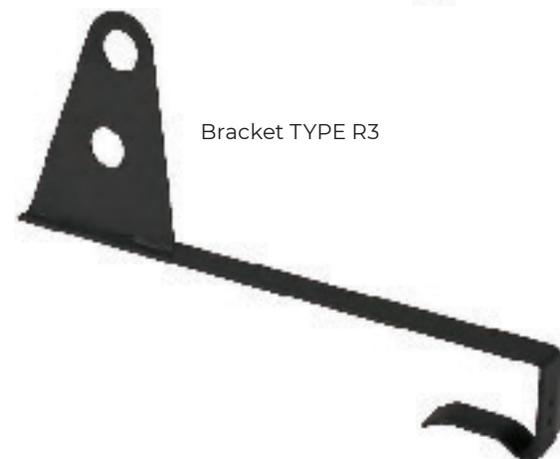
Product no.	Colour	Type	Packaging [pcs.]
36060300	hot dip galvanizing	TYPE R1 bracket length 40 cm	10
36060301	black		
36060302	brick red		
36060303	brown		
36060304	chest nut		
36060305	anthracite		
36060400	hot dip galvanizing	TYPE R2 bracket length 45 cm	10
36060401	black		
36060402	brick red		
36060403	brown		
36060404	chest nut		
36060405	anthracite		
36060500	hot dip galvanizing	TYPE R3 bracket length 50 cm	10
36060501	Black		
36060502	brick red		
36060503	brown		
36060504	chest nut		
36060505	anthracite		



Bracket TYPE R1



Bracket TYPE R2



Bracket TYPE R3



TUBE-SNOW snow pipe bracket for plain tile

36.07

Application:

Fixing snow pipes to plain tiles.

Material:

Steel flat bar, galvanized.

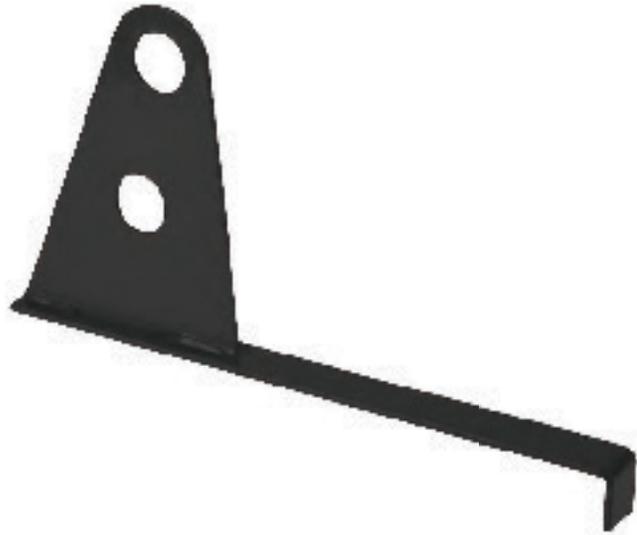
Finishing:

Powder coating.

NOTE:

- Maximum distance between brackets depends on roof slope inclination and snow load zone.
- Due to snow load's weight on roof slopes, brackets should be installed at the wall plate height.
- Bracket construction ensures quick and easy installation of snow pipes into brackets.

Product no.	Colour	Packaging [pcs.]
36070100	hot dip galvanizing	10
36070101	black	
36070102	brick red	
36070103	brown	
36070104	chest nut	
36070105	anthracite	



Steel STAL-SNOW

TUBE-SNOW snow pipe bracket panel metal sheets type „click”

36.08

Application:

Fixing snow pipes.

Material:

Galvanized steel.

Finishing:

Powder coating.

NOTE:

- Product for panel sheets „click” type.
- **TYPE-N max height of the lock 32 mm.**
- **TYPE-W max height of the lock 46 mm.**

Product no.	Colour	Type
36080301	black	N 32 mm
36080302	brick red	
36080303	brown	
36080305	anthracite	
36080501	black	W 46 mm
36080502	brick red	
36080503	brown	
36080305	anthracite	



TUBE-SNOW snow pipe bracket for metal tiles TYPE BR1

36.09

Application:
Fixing snow pipes to metal tiles.

Material:
Steel flat bar, galvanized.

Packaging: 10 pcs.

Finishing:
Powder coating.

NOTE:

- Maximum distance between brackets depends on roof slope inclination and snow load zone.
- Due to snow load's weight on roof slopes, brackets should be installed at the wall plate height.
- Bracket construction ensures quick and easy installation of snow pipes into brackets.



Steel STAL-SNOW

Product no.	Colour	Type of metal tile	Packaging [pcs.]
36093501	black	TYPE BR 1 350/20 mm	10
36093502	brick red		
36093503	brown		
36093504	chest nut/red 3009		
36093505	anthracite		
36096301	black	TYPE BR 1 350/35 mm	10
36096302	brick red		
36096303	brown		
36096304	chest nut/ red 3009		
36096305	anthracite		
36096501	black	TYPE BR 1 350/30 mm	10
36096502	brick red		
36096503	brown		
36096504	chest nut/ red 3009		
36096505	anthracite		
36096701	black	TYPE BR 1 330/30 mm	10
36096702	brick red		
36096703	brown		
36096704	chest nut/red 3009		
36096705	anthracite		



TUBE-SNOW snow pipe bracket for metal tiles TYPE BR2

36.13

Application:
Fixing snow pipes to metal tiles.

Material:
Steel flat bar, galvanized.

Packaging: 10 pcs.

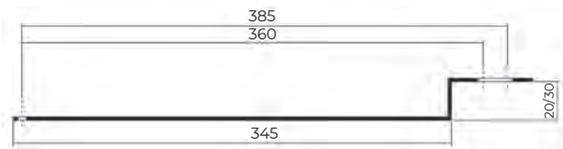
Finishing:
Powder coating.

NOTE:

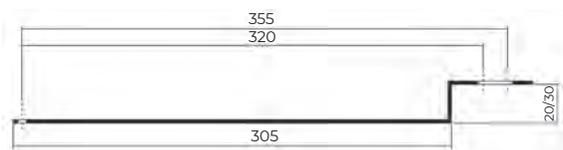
- Maximum distance between brackets depends on roof slope inclination and snow load zone.
- Due to snow load's weight on roof slopes, brackets should be installed at the wall plate height.
- Bracket construction ensures quick and easy installation of snow pipes into brackets.



Product no.	Colour	Type of metal tile	Packaging [pcs.]
36130101	black	TYPE BR2A embossing 20 module 360-385	10
36130102	brick red		
36130103	brown		
36130104	chest nut		
36130105	anthracite		
36130201	black	TYPE BR2B embossing 30 module 360-385	
36130202	brick red		
36130203	brown		
36130204	chest nut		
36130205	anthracite		
36130301	black	TYPE BR2C embossing 20 module 320-355	
36130302	brick red		
36130303	brown		
36130304	chest nut		
36130305	anthracite		
36130401	black	TYPE BR2D embossing 30 module 320-355	
36130402	brick red		
36130403	brown		
36130404	chest nut		
36130405	anthracite		



Bracket TYPE BR2A, TYPE BR2B



Bracket TYPE BR2C, TYPE BR2D

Steel STAL-SNOW



Bracket for standing seam

25.100

Application:

Fixing the brackets to standing seam metal roofing.

Material:

Steel flat bar, galvanized.

Finishing:

Powder coating.

NOTE:

- Universal flat bracket (product code 35.09) is required for complete installation of the STAL-SNOW snow fence.

Product no.	Colour	Packaging [pcs.]
25100100	hot dip galvanizing	10
25100101	black	
25100102	brick red	
25100103	brown	
25100105	anthracite	



Steel STAL-SNOW

Bracket for standing seam „click” type

25.101

Application:

Fixing the brackets to standing seam sheets „click” type.

Material:

Galvanized steel, powder coating.

NOTE:

- Maximum distance between brackets depends on roof slope inclination and snow load zone.
- Due to snow load's weight on roof slopes, brackets should be installed at the wall plate height.
- Bracket construction ensures quick and easy installation of snow pipes into brackets.
- Can be used with trapezoidal metal sheet:
- Distance between mounting holes: 115 mm.
- Adjustment is possible.
- **TYPE-NR – max height of the lock 28 mm.**
- **TYPE-WR – max height of the lock 46 mm.**

Product no.	Colour	Type of the lock	Packaging [pcs.]
25101100	hot dip galvanising	NR 28mm	10
25101101	black		
25101102	brick red		
25101103	brown		
25101105	anthracite		
25101200	hot dip galvanising	WR 46mm	10
25101201	black		
25101202	brick red		
25101203	brown		
25101205	anthracite		



TUBE-SNOW snow pipe bracket universal flat 36.10

Application:

Fixing snow pipes to shingles, flat and trapezoidal sheets.

Material:

Steel flat bar, galvanized.

Packaging: 10 pcs.

Finishing:

Powder coating.

NOTE:

- Maximum distance between brackets depends on roof slope inclination and snow load zone.
- Due to snow load's weight on roof slopes, brackets should be installed at the wall plate height.
- Bracket construction ensures quick and easy installation of snow pipes into brackets.
- For trapezoidal sheet max. high of the trapeze 55 mm.
- **TYPE L** - distance between mounting holes 115 mm.
- **TYPE A** - can be used with bracket:
 - standing seam - 25.100,
 - standing seam „click” type - 25.101
- Adjustment is possible.

Product no.	Colour	Type
36103500	hot dip galvanising	TYPE L
36103501	black	
36103502	brick red	
36103503	brown	
36103504	chest nut/ red 3009	
36103505	anthracite	TYPE A
36104500	hot dip galvanizing	
36104501	black	
36104502	brick red	
36104503	brown	
36104504	chest nut/red 3009	
36104505	anthracite	





Roof vents And through tiles for aerial attachments





TRIVENTA® – a system of through tiles and vents for all types of roofs, made of ABS. Due to the materials used in the production process, excellent mechanical and UV resistance has been achieved. The diameter of the vent with a 125mm and 150mm cross section ensures optimal ventilation of the rooms in your loft or venting of the soil stack. The construction of the 125 mm fireplace enables the vertical positioning of the ventilation chimney in the range of 15° to 45° of the roof slope. The 150 mm fireplace has been constructed in a way that ensures that it is always perpendicular to the roof surface, which results in brilliant design and aesthetics as well as extremely easy installation. The upper parts of the ventilation chimneys have condensate drainage channels.

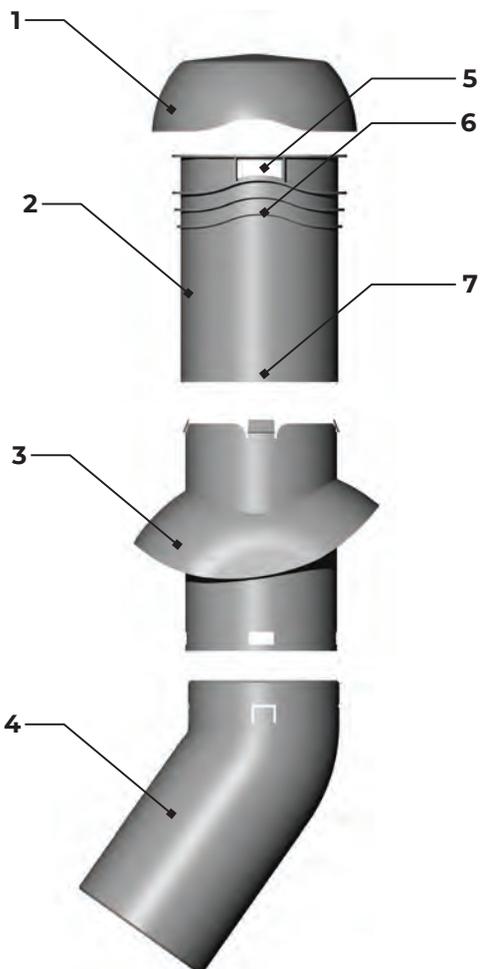
The TRIVENTA® system is painted with the highest quality paints resistant to UV radiation, in a wide range of colours as matching the colours of roof tiles, roofing sheets and shingles.

Roof vents



TRIVENTA roof vents with a $\varnothing 125$ mm diameter

- 1** A shaped cover reducing air flow resistance with a spirit level facilitating the vertical positioning of the fireplace pipe.
- 2** The upper part of the vent is 136 mm and 145 cm² in ventilation cross section.
- 3** The shape of the cover enables the fireplace to be placed vertically at the slope of the roof from 15° to 45°.
- 4** The vertical passage through the roof slope facilitates sealing and the reduction of heat loss.
- 5** Side openings for increased ventilation efficiency.
- 6** Aerodynamic spoilers to optimize airflow around the fireplace.
- 7** Condensate drainage channels, total area of 17 cm².



Basis for concrete tiles.



Basis for flat roofing.



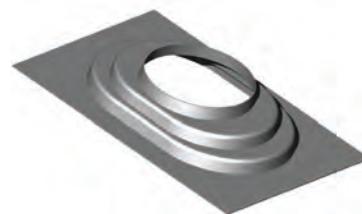
Basis for ceramic tiles.



Basis for flat tiles.



Basis for metal tiles and roofing sheets.



Flashing – optional but advised.



Flexible connection pipe length 0,5 m and 5,0 m.



Use IVT app and choose correct roof vent for your tile



TRIVENTA – roof vent Ø125 mm for tiles

Application:
Ventilation of rooms and deaeration of sanitary installations.

Material:
Acrylonitrile-butadiene-styrene (ABS).

External coating: High quality UV resistant paint.

Diameter of the connection: Ø125 mm.

Colour: According to the colour palette of tile manufacturers.

NOTE:

- All vents are offered according to colours of tile manufacturers.
- When ordering, please **specify the name of the colour as defined by the tile manufacturer.**



Roof vents

Product no	Manufacturer	Model / Type	
41140300	Bogen	Innovo 10	
41140500		Innovo 12	
41140600		Plano 11	
41140700		Reform 11	
41040200	Creaton / Euronit concrete tiles	Heidelberg / Extra	
41040300		Göteborg / Profil S	
41040500		Kapstadt	
41071800	Creaton ceramic tiles	Balance	
41070400		Domino	
41071900		Futura	
41072100		Harmonica	
41071100		Harmonie	
41071700		Premion	
41072000		Titania	
41072200		Simpla	
41030300		IBF	Vojens
41030400			Ikast / Skagen
41030800	Monier / Braas concrete tiles	Aarhus	
41030400		Bałycka	
41030500		Celtycka	
41030600		Grecka	
41030300		Romańska / Classic	
41030700		Tegalit	
41030800		Teviva	
41081500		Reviva	
41081000		Monier / Braas ceramic tiles	Amber 12V
41081400			Rubin 9V
41081200	Rubin 13V		
41081100	Rubin 13 / Sirius 13		
41081600	Turmalin		

Product no	Manufacturer	Model / Type	
41030300	Nelskamp	Finkenberger	
41030400		S-Pfanne	
41030500		Sigma	
41030800		Planum	
41110800		G10	
41060300	Röben	Fleming	
41060400		MonzaPlus	
41060500		Bornholm	
41060600		Piemont	
41060700		Bergamo	
41090200	Tondach	Figaro 11	
41090300		Holenderka 11 / Samba	
41120300		Marsylka 12	
41100500	Wienerberger / Koramic	Alegra 9	
41140500		Alegra 12	
41100300		Renesansowa L15	
41100600		Cosmo 15	
41100800		Orea 9	
41100900		Actua 10	
41140300		Universo 10	
41300100		Half round 18 x 38 cm	Crown tiling KD
41300200			Double lap tiling DD
41520100		Flat / Shingle	-



TRIVENTA – roof vent ø125 mm for metal tiles

Application:
Ventilation of rooms and deaeration of sanitary installations.

Material:
Acrylonitrile-butadiene-styrene (ABS)

External coating: High quality UV resistant paint.

Diameter of the connection: ø125 mm.

Colour: According to RAL and manufacturers colour palettes.

NOTE:

- All vents are offered according to colours of tile manufacturers.
- Each product is available on request in any colour according to the RAL palette (delivery time up to 10 working days).



Roof vents

Product no	Model	Type	Colour	
41500101	Metal tiles	N-profile (low profile) corrugation depth 23 mm	Black 9005	
41500102			brick red 8004	
41500103			brown 8017	
41500104			brown 8019	
41500105			anthracite 7024	
41500115			anthracite 7016	
41500106			red 3011	
41500107			green 6020	
41500100			RAL colour	
41500201			W-profile (high profile) corrugation depth 34 mm	black 9005
41500202		brick 8004		
41500203		brown 8017		
41500204		brown 8019		
41500205		anthracite 7024		
41500215		anthracite 7016		
41500206		red 3011		
41500207		green 6020		
41500200		RAL colour		
41500501		Universal flat		UP-profile
41500502			brick red 8004	
41500503	brown 8017			
41500504	brown 8019			
41500505	anthracite 7024			
41500515	anthracite 7016			
41500506	red 3011			
41500507	green 6020			
41500500	RAL colour			

Product no	Model	Type	Colour
41500500	Budmat Murano	UP-profile	acc. to the manufacturer
41500900	Budmat Rialto	BR-profile	acc. to the manufacturer
41501100	Budmat Venecja	BV-profile	acc. to the manufacturer
41501300	Plannja Flex	PF-profile	acc. to the manufacturer
41501500	Ruukki Finnera	RF-profile	acc. to the manufacturer
41501700	Ruukki Adamante	PA-profile	acc. to the manufacturer
41501700	Pruszyński Arad	PA-profile	acc. to the manufacturer
41501900	Blachotrapez Germania	BG-profile	acc. to the manufacturer
41502100	Blachpol Mustang	BM-profile	acc. to the manufacturer
41501500	Balex Panorama	RF-profile	acc. to the manufacturer
41511800	Bratex Allano	T18-profile	acc. to the manufacturer
41511800	Trapez T-18	T18-profile	acc. to the manufacturer
41513500	Trapez T-35	T35-profile	acc. to the manufacturer



TRIVENTA – roof vent ø125 mm for roof tiles – with a connection pipe

Application:
 Ventilation of rooms
 and deaeration of
 sanitary installations.

Material:
 Acrylonitrile-butadiene-
 styrene (ABS).

External coating: High quality UV resistant paint.

Diameter of the connection: ø125 mm.

Colour: According to RAL and manufacturers colour palettes.

NOTE:

- All vents are offered according to colours of tile manufacturers.
- When ordering, please **specify the name of the colour as defined by the tile manufacturer.**



Roof vents

Product no.	Manufacturer	Model / Type	
42140300	Bogen	Innovo 10	
42140500		Innovo 12	
42140600		Plano 11	
42140700		Reform 11	
42040200	Creaton / Euronit concrete tiles	Heidelberg / Extra	
42040300		Göteborg / Profil S	
42040500		Kapstadt	
42071800	Creaton ceramic tiles	Balance	
42070400		Domino	
42071900		Futura	
42072100		Harmonica	
42071100		Harmonie	
42071700		Premion	
42072000		Titania	
42072200		Simpla	
42030300		IBF	Vojens
42030400			Ikast / Skagen
42030800	Monier / Braas concrete tiles	Aarhus	
42030400		Bałycka	
42030500		Celtycka	
42030600		Grecka	
42030300		Romańska / Classisc	
42030700		Tegalit	
42030800		Teviva	
42081500		Reviva	
42081000		Monier / Braas ceramic tiles	Amber 12V
42081400			Rubin 9V
42081200	Rubin 13V		
42081100	Rubin 13 / Sirius 13		
42081600	Turmalin		

Product no.	Manufacturer	Model / Type	
42030300	Nelskamp	Finkenberger	
42030400		S-Pfanne	
42030500		Sigma	
42030800		Planum	
42110800		G10	
42060300	Röben	Fleming	
42060400		MonzaPlus	
42060500		Bornholm	
42060600		Piemont	
42060700		Bergamo	
42090200	Tondach	Figaro 11	
42090300		Holenderka 11 / Samba	
42120300		Marsylka 12	
42100500	Wienerberger / Koramic	Alegra 9	
42140500		Alegra 12	
42100400		E32	
42100300		Renesansowa L15	
42100600		Cosmo 15	
42100800		Orea 9	
42100900		Actua 10	
42140300		Universo 10	
42300100		Half round 18 x 38 cm	Crown tiling KD
42300200			Double lap tiling DD
42520100	Flat / Shingle	-	



TRIVENTA – roof vent ø125 mm for metal tiles – with a connection pipe

Application:
 Ventilation of rooms and deaeration of sanitary installations.

Material:
 Acrylonitrile-butadiene-styrene (ABS).

External coating: High quality UV resistant paint.

Diameter of the connection: ø125 mm.

Colour: According to RAL and manufacturers colour palettes.

NOTE:

- All vents are offered according to colours of tile manufacturers.
- When ordering, please **specify the name of the colour as defined by the tile manufacturer.**



Product no.	Model	Type	Colour	
42500101	Metal tiles	N-profile (low profile) corrugation depth 23 mm	black 9005	
42500102			brick red 8004	
42500103			brown 8017	
42500104			brown 8019	
42500105			anthracite 7024	
42500115			anthracite 7016	
42500106			red 3011	
42500107			green 6020	
42500100			acc. pal. RAL	
42500201			W-profile (high profile) corrugation depth 34 mm	black 9005
42500202		brick red 8004		
42500203		brown 8017		
42500204		brown 8019		
42500205		anthracite 7024		
42500215		anthracite 7016		
42500206		Red 3011		
42500207		green 6020		
42500200		acc. pal. RAL		
42500501		Universal flat		UP-profile
42500502			brick red 8004	
42500503	brown 8017			
42500504	brown 8019			
42500505	anthracite 7024			
42500515	anthracite 7016			
42500506	red 3011			
42500507	green 6020			
42500500	acc. pal. RAL			

Product no.	Model	Type	Colour
42500500	Budmat Murano	UP-profile	acc. manufacturer
42500900	Budmat Rialto	BR-profile	acc. manufacturer
42501100	Budmat Venecja	BV-profile	acc. manufacturer
42501300	Plannja Flex	PF-profile	acc. manufacturer
42501500	Ruukki Finnera	RF-profile	acc. manufacturer
42501700	Ruukki Adamante	PA-profile	acc. manufacturer
42501700	Pruszyński Arad	PA-profile	acc. manufacturer
42501900	Blachotrapez Germania	BG-profile	acc. manufacturer
42502100	Blachpol Mustang	BM-profile	acc. manufacturer
42501500	Balex Panorama	RF-profile	acc. manufacturer
42511800	Bratex Allano	T18-profile	acc. manufacturer
42511800	Trapez T-18	T18-profile	acc. manufacturer
42513500	Trapez T-35	T35-profile	acc. manufacturer



TRIVENTA PLUS system with a $\varnothing 150$ mm diameter

- 1** A cover that optimizes air flows.
- 2** The upper part of the roof vent with a ventilation cross-section of 248 cm^2 .
- 3** Condensate drainage channels with a total area of over 21 cm^2 .
- 4** Vertical passage through the roof slope to facilitate sealing and the reduction of heat loss.
- 5** Connection with a diameter of 150 mm and a cross-section 168 cm^2 meeting the regulations of the Ministry of Infrastructure.
- 6** The design of the fireplace ensures that it is always perpendicular to the roof, which results in brilliant design and aesthetics, as well as extremely easy installation.

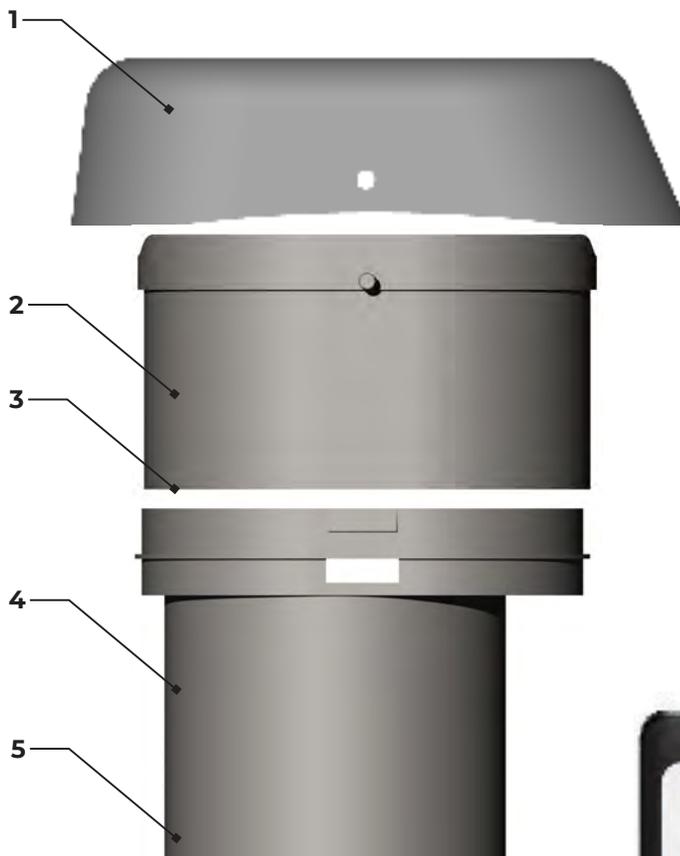


Basic passage for concrete, ceramic tiles and shingles.

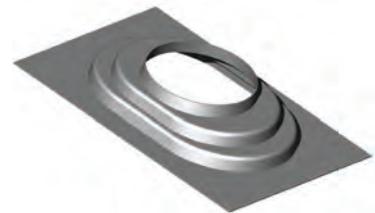


Basic passage for metal tiles, modular sheets and flat tiles.

Roof vents



Flexible connection pipe $0,5 \text{ m}$ long.



Sealing collar – Optional but advised.



Use IVT app and choose correct roof vent for your tile



TRIVENTA PLUS – roof vent ø150 mm for tiles and shingles

Application:
Ventilation of rooms and deaeration of sanitary installations.

Material:
Acrylic-butadiene-styrene (ABS).

External coating: High quality UV resistant paint.

Diameter of the connection: ø150 mm.

Colours: According to RAL and the manufacturers colour palettes.

NOTE:

- All roof vents are offered according to the colours of tile manufacturers.
- When ordering, please provide the colour name consistent with the name of the tile manufacturers.

Product no.	Manufacturer	Model / Type	Availability from
43140300	Bogen	Innovo 10	12.2022
43140500		Innovo 12	04.2023
43140600		Plano 11	03.2023
43140700		Reform 11	12.2022
43040200	Creaton / Euronit concrete tiles	Heidelberg / Extra	12.2022
43040300		Göteborg / Profil S	10.2022
43040500		Kapstadt	10.2022
43071400	Creaton / Euronit ceramic tiles	Koda	03.2023
43071700		Premion	04.2023
43072000		Titania	01.2023
43072200		Simpla	01.2023
43030300	IBF	Vojens	01.2023
43030400		Ikast / Skagen	10.2022
43030800		Aarhus	09.2022
43030300	Monier / Braas concrete tiles	Romańska / Classic	01.2023
43030400		Bałycka	10.2022
43030500		Celtycka	10.2022
43030700		Tegalit	09.2022
43030800		Teviva	09.2022
43081200	Monier / Braas ceramic tiles	Rubin 13V	03.2023
43081400		Rubin 9V	02.2023
43081600		Turmalin	03.2023
43030300	Nelskamp	Finkenberger	01.2023
43030400		S-Pfanne	10.2022
43030500		Sigma	10.2022
43030800		Planum	09.2022
43110800		G10	01.2023
43060400	Röben	MonzaPlus	11.2022
43060500		Bornholm	03.2023
43060600		Piemont	11.2022
43060700		Bergamo	09.2022
43090200	Tondach	Figaro11	04.2023
43090300		Holenderka 11/ Samba	02.2023
43090400		Bolero	09.2022
43120300		Marsylka 12	03.2023



Roof vents

Product no.	Manufacturer	Model / Type	Availability from
43100300	Wienerberger / Koramic	Rebensowa L15	04.2023
43100500		Alegria 9	12.2022
43100600		Cosmo15	09.2022
43100800		Orea 9	09.2022
43140300		Universo 10	12.2022
43140500		Alegria 12	04.2023
43300100	Half round 18 x 38 cm	covering in lace and scale	03.2023
43520100	Flat / Shingle	-	01.2023

TRIVENTA PLUS ø150 mm for other models available on request.



TRIVENTA PLUS – roof vent Ø150 mm for metal tiles

Application:
Ventilation of rooms and deaeration of sanitary installations.

Material:
Acrylic-butadiene-styrene (ABS).

External coating: High quality resistant paint.

Diameter of connection: Ø150 mm.

Colours: According to RAL and the manufacturers colour palettes.

NOTE:

- All roof vents are offered according to the colours of sheet metal manufacturers.
- Each product is available acc. to the RAL colour palette (production time 10 working days).



Roof vents

Product no.	Model	Type	Colour	Availability from
43500101	Metal tiles	N-profile (low profile) high 23 mm	black 9005	09.2022
43500102			brick red 8004	
43500103			brown 8017	
43500104			brown 8019	
43500105			anthracite 7024	
43500115			anthracite 7016	
43500106			red 3011	
43500107			green 6020	
43500100			acc. to RAL	
43500501			Universal flat	
43500502	brick red 8004			
43500503	brown 8017			
43500504	brown 8019			
43500505	anthracite 7024			
43500515	anthracite 7016			
43500506	red 3011			
43500507	green 6020			
43500500	acc. to RAL			
43501100	Budmat Venecja	BV-profile	acc. to the manufacturer	09.2022
43501500	Ruukki Finnera	RF-profile	acc. to the manufacturer	02.2023
43501500	Balex Panorama	RF-profile	acc. to the manufacturer	02.2023
43501700	Ruukki Adamante	PA-profile	acc. to the manufacturer	04.2023
43501700	Pruszyński Arad	PA-profile	acc. to the manufacturer	04.2023
43501900	Blachotrapez Germania	BG-profile	acc. to the manufacturer	02.2023
43511800	Trapez T-18	T18-profile	acc. to the manufacturer	12.2022
43511800	Bratex Allano	T18-profile	acc. to the manufacturer	12.2022

TRIVENTA PLUS Ø150 mm for other profiles is available on request.



TRIVENTA PLUS – roof vent ø150 mm for tiles with a flexible connection pipe

Application:
 Ventilation of rooms
 and deaeration of
 sanitary installations.

Material:
 Acrylic-butadiene-
 styrene (ABS).

External coating: High quality UV resistant paint.

Diameter of connection: ø150 mm.

Colour: According to RAL and the manufacturers colour palettes.

NOTE:

- All roof vents are offered according to the colours of the sheet metal of manufacturers.
- When order please write down the name of the colour consistent with the name of the tile of the manufacturer.

Product no.	Manufacturer	Model / Type	Availability from
44140300	Bogen	Innovo 10	12.2022
44140500		Innovo 12	04.2023
44140600		Plano 11	03.2023
44140700		Reform 11	12.2022
44040200	Creaton / Euronit concrete tiles	Heidelberg / Extra	12.2022
44040300		Göteborg / Profil S	10.2022
44040500		Kapstadt	10.2022
44071400	Creaton / Euronit ceramic tiles	Koda	03.2023
44071700		Premion	04.2023
44072000		Titania	01.2023
44072200		Simpla	01.2023
44030300	IBF	Vojens	01.2023
44030400		Ikast / Skagen	10.2022
44030800		Aarhus	09.2022
44030300	Monier / Braas concrete tiles	Romańska / Classic	01.2023
44030400		Bałtycka	10.2022
44030500		Celtycka	10.2022
44030700		Tegalit	09.2022
44030800		Teviva	09.2022
44081200	Monier / Braas ceramic tiles	Rubin 13V	03.2023
44081400		Rubin 9V	02.2023
44081600		Turmalin	03.2023
44030300	Nelskamp	Finkenberger	01.2023
44030400		S-Pfanne	10.2022
44030500		Sigma	10.2022
44030800		Planum	09.2022
44110800	Röben	G10	01.2023
44060400		MonzaPlus	11.2022
44060500		Bornholm	03.2023
44060600		Piemont	11.2022
44060700		Bergamo	09.2022
44090200	Tondach	Figaro11	04.2023
44090300		Holenderka 11/ Samba	02.2023
44090400		Bolero	09.2022
44120300		Marsylka 12	03.2023



Product no.	Manufacturer	Model / Type	Availability from
44100300	Wienerberger / Koramic	Rebensowa L15	04.2023
44100500		Alegria 9	12.2022
44100600		Cosmo15	09.2022
44100800		Orea 9	09.2022
44140300		Universo 10	12.2022
44140500		Alegria 12	04.2023
44300100	Plain tile half round 18 x 38 cm	Crown tiling and double lap tiling	03.2023
44520100	Flat / Shingle	-	01.2023

TRIVENTA PLUS ø150 mm for other types available on request.



TRIVENTA PLUS – roof vent ø150 mm for tiles with a flexible connection pipe

Application:
 Ventilation of rooms
 and deaeration of
 sanitary installations.

Material:
 Acrylic-butadiene-
 styrene (ABS).

External coating: High quality UV resistant paint.

Diameter of connection: ø150 mm.

Colour: According to RAL and the manufacturers colour palettes.

NOTE:

- All roof vents are offered according to the colours of the sheet metal of manufacturers.
- Each product is available acc. to the RAL colour palette (production time 10 working days).

Roof vents

Product no.	Model	Type	Colour	Availability from
44500101	Metal tiles	N-profile (low profile) corrugation high 23 mm	black 9005	09.2022
44500102			brick red 8004	
44500103			brown 8017	
44500104			brown 8019	
44500105			anthracite 7024	
44500115			anthracite 7016	
44500106			red 3011	
44500107			green 6020	
44500100			acc. to RAL	
44500501			Universal flat	
44500502	brick red 8004			
44500503	brown 8017			
44500504	brown 8019			
44500505	anthracite 7024			
44500515	anthracite 7016			
44500506	red 3011			
44500507	green 6020			
44500500	acc. to RAL			
44501100	Budmat Venecja	BV-profile	acc. to the manufacturer	09.2022
44501500	Ruukki Finnera	RF-profile	acc. to the manufacturer	02.2023
44501500	Balex Panorama	RF-profile	acc. to the manufacturer	02.2023
44501700	Ruukki Adamante	PA-profile	acc. to the manufacturer	04.2023
44501700	Pruszyński Arad	PA-profile	acc. to the manufacturer	04.2023
44501900	Blachotrapez Germania	BG-profile	acc. to the manufacturer	02.2023
44511800	Trapez T-18	T18-profile	acc. to the manufacturer	12.2022
44511800	Bratex Allano	T18-profile	acc. to the manufacturer	12.2022



TRIVENTA PLUS ø150 mm for other types available on request.



Flexible connection pipe

41.80

Application:

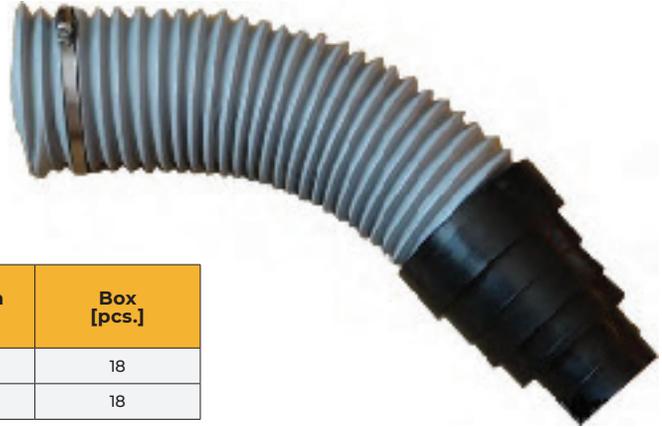
Combination ventilation chimneys with an internal ventilation system.

Material:

Band: stainless steel,
pipe: polyvinyl chloride,
reduction: polypropylene.

Product properties:

- By reducing the pipe, it is possible to connect with standard internal sanitary installations.
- Big flexibility for PVC pipes.
- Material resistant to oil contamination and an acidic environment.



Product no.	Dimension ø[mm]	Length [cm]	Reduction [mm]	Box [pcs.]
41801202	125	50	125/100	18
41801502	150	50	150/125/100	18

Other dimensions available on request.

Sealing collar

41.83

Application:

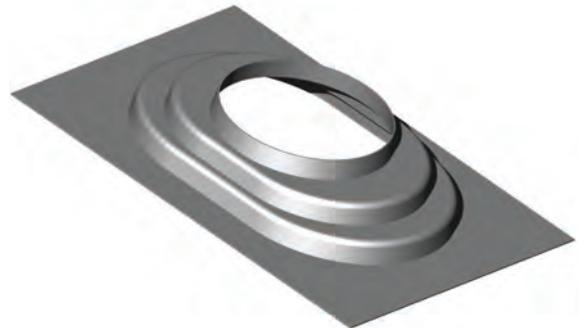
Sealing the passage of the ventilation chimney through the roof slope.

Material:

EPDM rubber.

Product properties:

- High quality EPDM rubber resistant to temperature and aging UV radiation.
- Flexible top part designed to work with a wide range of roof inclinations.
- Adhesive strips ensuring an easy and permanent joint with membranes.



Product no.	Nominal dimension of the transition ø[mm]	Base dimension [mm]	Packaging [pcs.]
41830100	125	320x225	1
41830150	150	320x250	1



Through tiles for aerial attachments

Application: Antenna through tile for pitched roofs.

Material: Acrylic-butadiene-styrene (ABS).

External coating: High quality UV resistant paint.

Hole diameter: from $\varnothing 24$ to $\varnothing 120$ mm.

Colour: According to RAL pallet of tiles/metal tile manufacturers and RAL colours.



Through tiles for aerial attachments

Product no.	Model of tile	Type	Colour	
45500101	Metal tiles	N-profile (low profile)	black 9005	
45500102			brick red 8004	
45500103			brown 8017	
45500104			brown 8019	
45500105			anthracite 7024	
45500115			anthracite 7016	
45500106			red 3011	
45500107			green 6020	
45500100			acc. to RAL	
45500201			W-profile (high profile)	black 9005
45500202		brick red 8004		
45500203		brown 8017		
45500204		brown 8019		
45500205		anthracite 7024		
45500215		anthracite 7016		
45500206		red 3011		
45500207		green 6020		
45500200		acc. to RAL		
45500501		Universal flat		UP-profile
45500502			brick red 8004	
45500503	brown 8017			
45500504	brown 8019			
45500505	anthracite 7024			
45500515	anthracite 7016			
45500506	red 3011			
45500507	green 6020			
45500500	acc. to RAL			
45500500	Budmat Murano		UP-profile	
45501100	Budmat Venecja	BV-profile	acc. to manufacturer	
45501300	Plannja Flex	PF-profile	acc. to manufacturer	
45501500	Ruukki Finnera	RF-profile	acc. to manufacturer	
45501700	Ruukki Adamante	PA-profile	acc. to manufacturer	
45501700	Pruszyński Arad	PA-profile	acc. to manufacturer	
45071900	Blachotrapez Germania	BG-profile	acc. to manufacturer	
45501500	Balex Panorama	RF-profile	acc. to manufacturer	



Through tiles for aerial attachments continued

Product no.	Manufacturer	Model / Type
45140300	Bogen	Inново 10
45140500		Inново 12
45140600		Plano 11
45040200	Creaton / Euronit concrete tiles	Extra
45040300		Profil S
45040500		Kapstadt
45071800	Creaton ceramic tiles	Balance
45070400		Domino
45071900		Futura
45072100		Harmonica
45071100		Harmonie
45071700		Premion
45072000		Titania
45030300		IBF
45030400	Ikast/ Skagen	
45030400	Monier / Braas concrete tiles	Bałycka
45030500		Celtycka
45030600		Grecka
45030300		Romańska / Classisc
45030700		Tegalit
45030800		Teviva
45081500		Reviva
45081000		Monier / Braas ceramic tiles
45081400	Rubin 9V	
45081200	Rubin 13V	
45081100	Rubin 13 / Sirius 13	
45081600	Turmalin	

Product no.	Manufacturer	Model / Type
45030300	Nelskamp	ClimaLife Finkenberger
45030400		S-Pfanne
45030500		EasyLife Sigma
45110700		Nibra DS5
45060300	Röben	Fleming
45060400		MonzaPlus
45060500		Bornholm
45060600		Piemont
45060700		Bergamo
45090200	Tondach	Figaro 11
45090300		Holenderka 11 / Samba
45120300		Marsylka 12
45100500	Wienerberger / Koramic	Alegra 9
45140500		Alegra 12
45100300		Rebensowa L15
45100600		Cosmo 15
45100800		Orea 9
45100900		Actua 10
45140300		Universo 10
45300100		Plain tile half round 18 × 38 cm
45300200	Double lap tiling DD	



Notes



Vents and drainage for flat roofs



Roof vent for flat roofs

60.28

Application:

Ventilation of the roof surface on flat roofs.

Material:

Polypropylene with rubber.

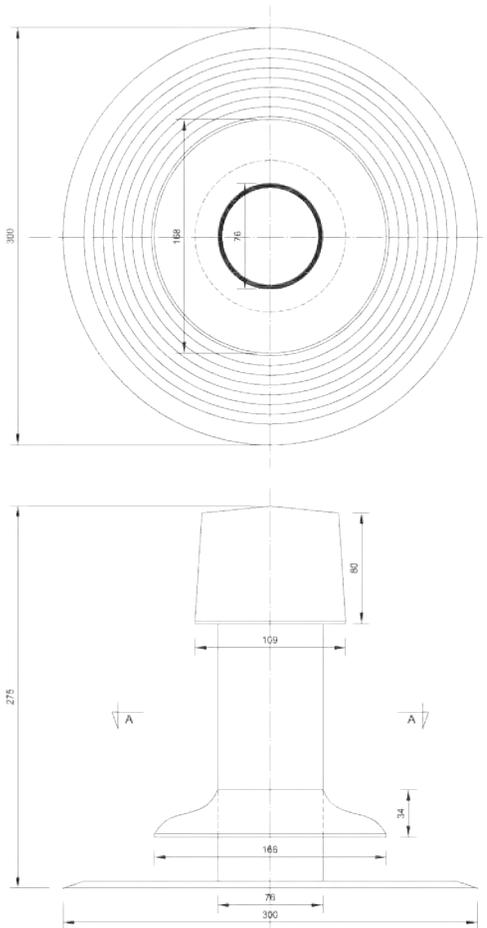
Product advantages:

- A universal vent base.
- An additional collar improves the aesthetics of the connection and increases its tightness.
- High resistance for UV radiation.
- Easy and quick installation.

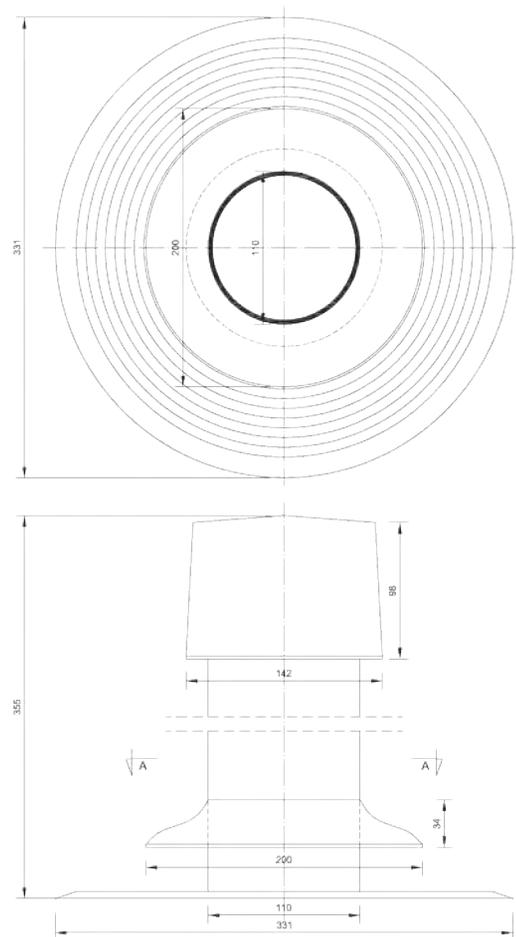


Product no.	Dimension [mm]	Vent high [mm]	Packaging	
			Box [pcs.]	Pallet [pcs.]
60280075	75	275	50	250
60280110	110	355	30	150

Ventilation



Roof vent IVT DN 75



Roof vent IVT DN 110



System vent

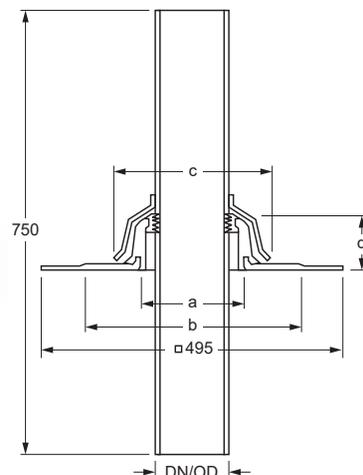
60.17

Application:
Flat roof ventilation.

Material:
Polyurethane.

- Excellent technical parameters, such as: high UV resistance, high thermal insulation and thermal resistance.

Product no.	Diameter [mm]	Packaging [pcs.]
60174400	ø110	1
60174800	ø160	



Rain cap and pipe culvert for system vents

60.17

Application:
Vent protection against rain.

Material:
PVC.

- Excellent technical parameters, such as: high UV resistance, high thermal insulation and thermal resistance.

Product no.	Diameter [mm]	Packaging [pcs.]
60179062	ø110	1
60179066	ø160	



Application:
Pipe culvert for routing cables and pipes.

Material:
PVC.

Product no.	Diameter [mm]	Packaging [pcs.]
60179080	ø110	1
60179081	ø160	



Ventilation



STANDARD roof outlet

60.10

Application:
Flat roof drainage.

Material:
Polyurethane, built-in flange suitable for various roofing materials.

- Excellent technical parameters, such as: high UV resistance, high thermal insulation and thermal resistance.

Product no.	Product type	Outlet diameter [mm]	Packaging [pcs.]
60100800	vertical outlet	160	1
60101000	vertical outlet	200	



- A self – regulating heating element mounted inside the body, together with a 2m long connecting cable.
- Heated outlets are powered by 230 V voltage, heating power 10 W.
- Do not require a transformer.

Water outlets

Product no.	Product type	Insulation thickness [mm]	Packaging [pcs.]
60100900	vertical outlet, heated - self regulating	160	1
60101100	vertical outlet, heated - self regulating	200	



- Multi-lip fixing the element onto the outlet and slip agent include.

Product no.	Product type	Insulation thickness [mm]	Packaging [pcs.]
60102500	extension ring	60 – 160	1
60102600	extension ring	60 – 220	
60102000	extension ring	60 – 520	



INFO:

- The outlets are made of polyurethane, thermal insulation according to PN EN 1253-2, increased quality standard according to RAL GZ-694, with a connection flange and gravel guard.

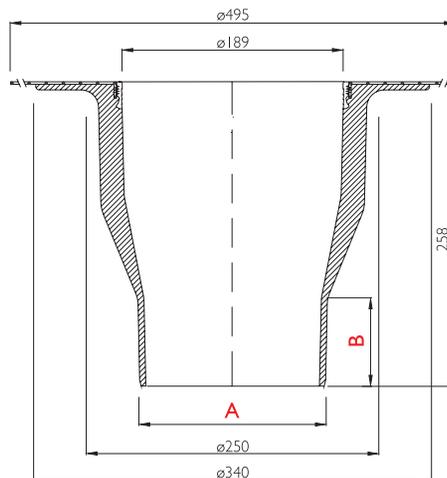


STANDARD – roof outlet – data sheets

60.10

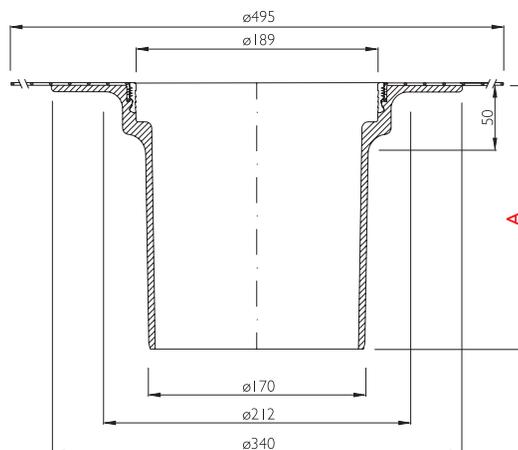
Vertical roof outlets.

Product type	Dimension A [mm]	Dimension B [mm]
STANDARD ø160	160	77
STANDARD ø200	200	101



Roof outlet extension ring.

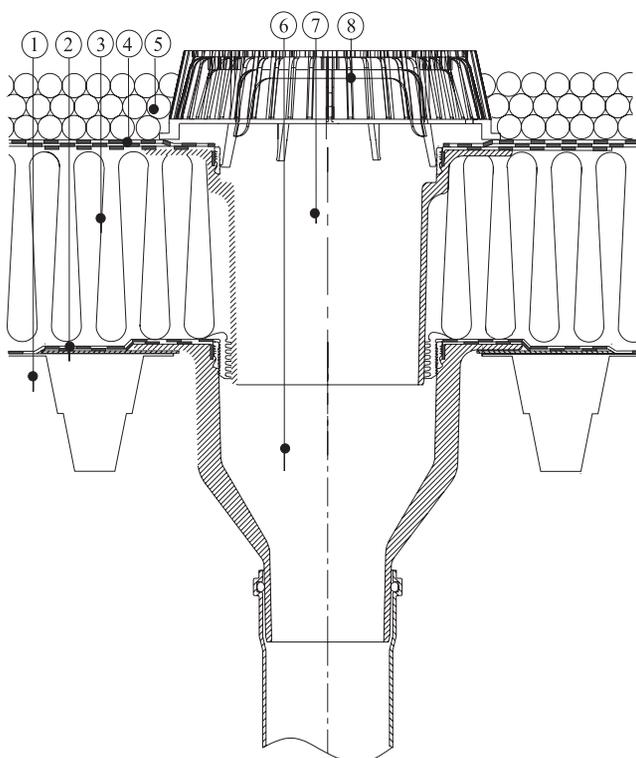
Outlet extension rings, product no.	Dimension A [mm]
60102500	206
60102600	254
60102000	555



Installation example, a vertical roof outlet with an extension ring.

Product type	Dimension A [mm]	Dimension B [mm]
STANDARD ø160	160	77
STANDARD ø200	200	101

- 1) Roof structure.
- 2) Vapour barrier.
- 3) Thermal insulation.
- 4) Roofing.
- 5) Gravel.
- 6) Roof outlet.
- 7) Roof outlet extension ring.
- 8) Gravel guard.



Water outlets



TRENDY roof outlet

60.15

Application:
Flat roof drainage.

Material:
Polyurethane, built-in flange suitable for various roofing materials.

Product no.	Product type	Drain diameter [mm]	Packaging [pcs.]
60150200	vertical outlet	75	1
60150400	vertical outlet	110	
60150600	vertical outlet	125	

Product no.	Product type	Drain diameter [mm]	Packaging [pcs.]
60150300	vertical outlet, heated – self regulating	75	1
60150500	vertical outlet, heated – self regulating	110	
60150700	vertical outlet, heated – self regulating	125	

- Self-regulating heating element mounted inside the body, together with a 2m long connecting cable.
- Heated outlets are powered by 230 V voltage, heating power 10 W.
- Does not require a transformer.

Water outlets

Product no.	Product type	Outlet diameter [mm]	Packaging [pcs.]
60151400	angular outlet	75	1
60151600	angular outlet	110	
60151800	angular outlet (reduction ø100 for ø125)	125	

Product no.	Product type	Outlet diameter [mm]	Packaging [pcs.]
60151500	angular outlet, heated – self-regulating	75	1
60151700	angular outlet, heated – self-regulating	110	
60151900	angular outlet, heated – self-regulating	125	

- Self-regulating heating element mounted inside the body, together with a 2m long connecting cable.
- Heating outlets are powered by 230 V voltage, heating power 10 W.
- Does not require a transformer.

Product no.	Product type	Insulation thickness [mm]	Packaging [pcs.]
60152500	extension ring	60 – 150	1
60152600	extension ring	60 – 220	
60152700	extension ring	60 – 320	

- Multi-lip seal fixing the element onto the outlet and slip agent included.

INFO:

- The outlets are made of polyurethane, thermally insulated according to PN EN 1253-2 increased quality standard according to RAL GZ 694 with a connection flange and gravel guard.

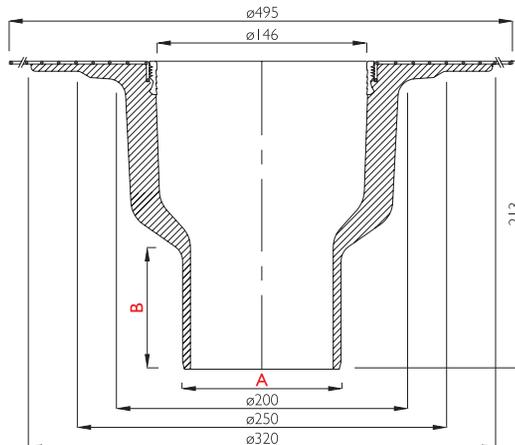


TRENDY roof outlet – data sheets

60.15

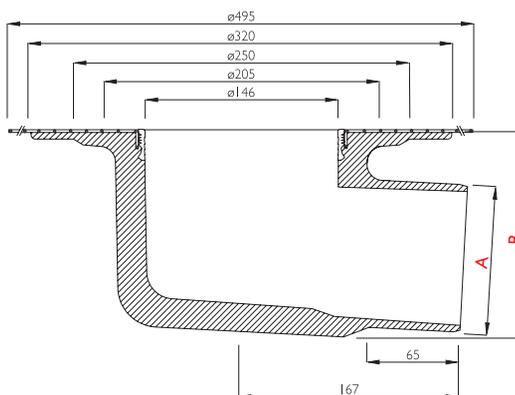
Vertical roof outlets.

Product type	Dimension A [mm]	Dimension B [mm]
TRENDY ø75	75	63
TRENDY ø110	110	75
TRENDY ø125	125	79



Angular roof outlets.

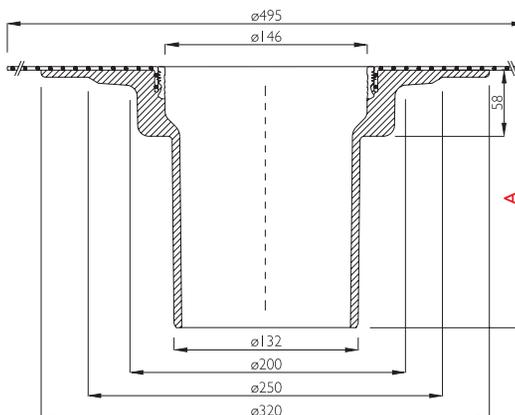
Product type	Dimension A [mm]	Dimension B [mm]
TRENDY ø75	75	117
TRENDY ø110	110	153
TRENDY ø125	125	161



- Outlet ø125 consists of an outlet ø110 and extension ø110 for ø125.

Roof outlet extension rings.

Product no.	Dimension A [mm]
60152500	183
60152600	251
60152700	355



- Outlet ø125 consists of an outlet ø110 and extension ø110 for ø125.

Water outlets



TRENDY roof outlet with clamp flange

60.15

Application:
Flat roof drainage.

Material:
Polyurethane, built-in flange suitable for various roofing materials.

Product no.	Product type	Drain diameter [mm]	Packaging [pcs.]
60150299	vertical outlet with clamp flange	75	1
60150499	vertical outlet with clamp flange	110	
60150699	vertical outlet with clamp flange	125	

Product no.	Product type	Drain diameter [mm]	Packaging [pcs.]
60150399	vertical outlet, heated – self-regulating with clamp flange	75	1
60150599	vertical outlet, heated – self-regulating with clamp flange	110	
60150799	vertical outlet, heated – self-regulating with clamp flange	125	

- Self-regulating heating element mounted inside the body, together with a 2m long connecting cable .
- Heated outlets are powered by 230 V voltage, heating power 10 W.
- Does not require a transformer.

Product no.	Product type	Drain diameter [mm]	Packaging [pcs.]
60151499	angular outlet with clamp flange	75	1
60151699	angular outlet with clamp flange	110	
60151899	angular outlet with clamp flange	125	

Product no.	Product type	Drain diameter [mm]	Packaging [pcs.]
60151599	angular outlet, heated – self-regulating with clamp flange	75	1
60151799	angular outlet, heated – self-regulating with clamp flange	110	
60151999	angular outlet, heated – self-regulating with clamp flange	125	

- It has a self-regulating heating element mounted inside the gully body with a 2 m long connection cable.
- Heated outlets are powered by 230 V voltage, heating power 10 W.
- Does not require a transformer.

Product no.	Product type	Drain diameter [mm]	Packaging [pcs.]
60152599	extension ring with clamp flange	60 – 150	1
60152699	extension ring with clamp flange	60 – 220	
60152799	extension ring with clamp flange	60 – 320	

- Multi lip seal fixing the element onto the outlet and slip agent included.

INFO:

- The outlets are made of polyurethane, thermally insulated according to PN EN 1253-2 increased quality standard according to RAL GZ 694 with a connection flange and gravel guard.



Water outlets

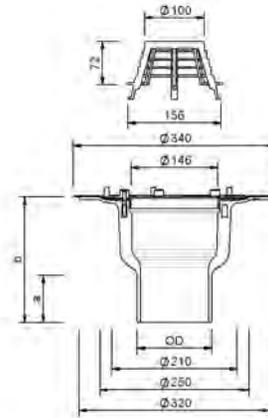


TRENDY roof outlet with clamp flange – data sheet

60.15

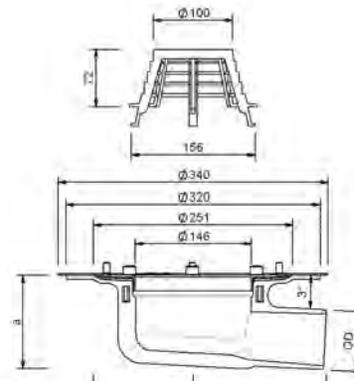
Flat roof drainage with clamp flange.

Product no.	Dimension A [mm]	Dimension B [mm]
TRENDY ø75	63	210
TRENDY ø110	75	210
TRENDY ø125	79	210



Flat roof drainage with clamp flange.

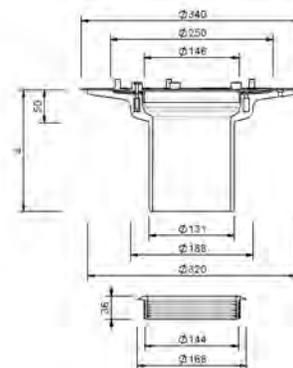
Product no.	Dimension A [mm]	Dimension B [mm]
TRENDY ø75	117	165
TRENDY ø110	153	162
TRENDY ø125	161	241



- Roof outlet ø125 consists of an outlet ø110 and extension ø110 for ø125.

Roof outlet extension ring.

Product no.	Dimension A [mm]
60152500	183
60152600	251
60152700	355



- Roof outlet ø125 consists of an outlet ø110 and extension ring ø110 for ø125.



COMPACT roof outlet

60.19

Application:

Drainage of small flat roofs, terrace and balconies.

Material:

Polyurethane, built-in flange suitable for various roofing materials.

- Excellent technical parameters, such as: high UV resistance, high thermal insulation and thermal resistance.

Product no.	Product type	Drain diameter [mm]	Packaging [pcs.]
60190000	vertical outlet	50	1
60190200	vertical outlet	75	



Product no.	Product type	Drain diameter [mm]	Packaging [pcs.]
60191200	angular outlet	50	1
60191400	angular outlet	75	



Product no.	Product type	Insulation thickness [mm]	Packaging [pcs.]
60192600	extension ring	50 - 220	1



Product advantages:

- High quality supported by many years of manufacturer experience.
- Excellent technical parameters, such as high UV resistance, high thermal insulation and thermal resistance.

Water outlets

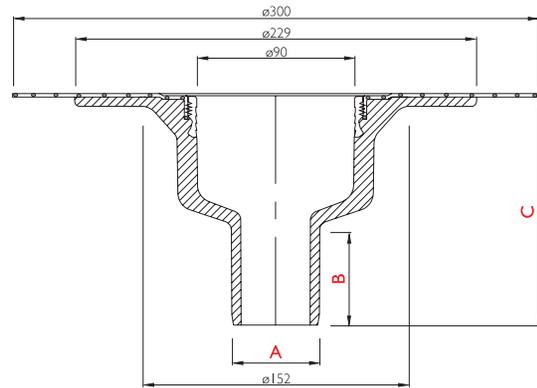


COMPACT roof outlet – data sheet

60.19

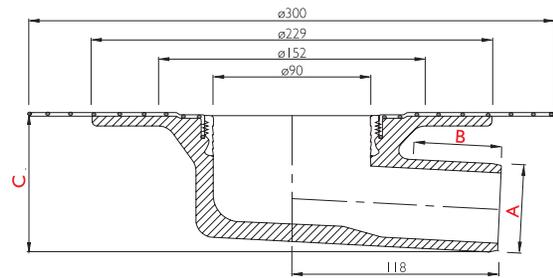
Vertical roof outlet.

Product type	Dimension A [mm]	Dimension B [mm]	Dimension C [mm]
COMPACT ø50	50	51	129
COMPACT ø70	75	111	155

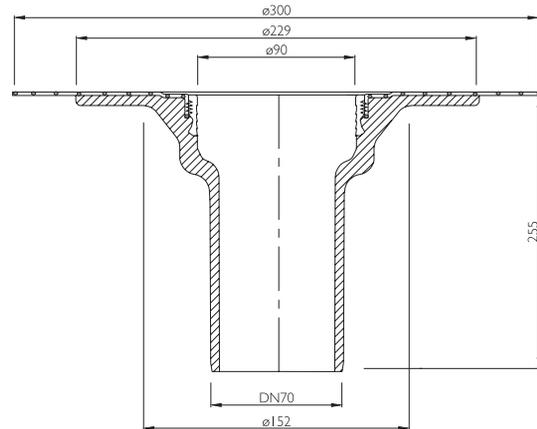


Angular roof outlets.

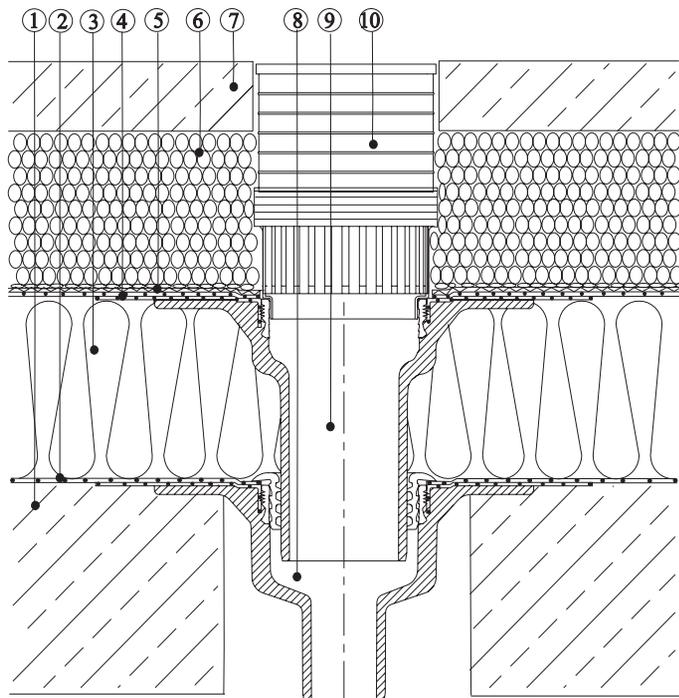
Product type	Dimension A [mm]	Dimension B [mm]	Dimension C [mm]
COMPACT ø50	50	50	77
COMPACT ø70	75	54	100



Roof outlet extension rings.



Installation example, vertical roof outlet with an extension ring and terrace grate.



- 1) Roof structure.
- 2) Vapour barrier.
- 3) Thermal insulation.
- 4) External roofing.
- 5) Protecting layer.
- 6) Gravel sub-base.
- 7) Paving.
- 8) Roof outlet.
- 9) Roof outlet extension ring.
- 10) Terrace grate.



SANI restoration roof outlet

60.10

Application:
Flat roof drainage.

Material:
Polyurethane, built-in flange suitable for various roofing materials.

Product advantages:

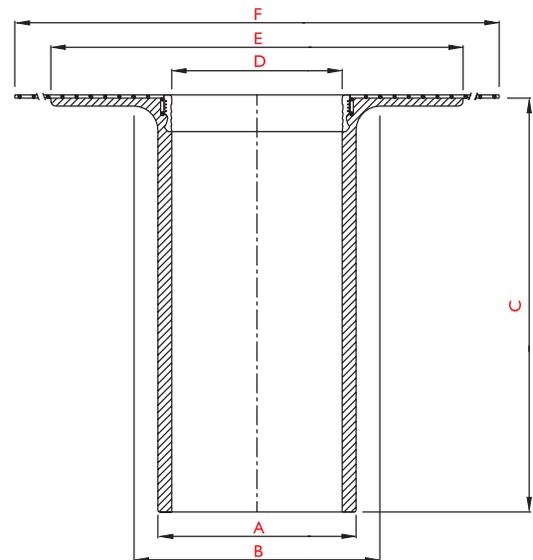
- High quality supported by many years of manufacturer experience.
- Excellent technical parameters, such as high UV resistance, high thermal insulation and thermal resistance.

Product no.	Product type	Diameter of existing outlet [mm]	Packaging [pcs.]
60102800	SANI 95	100 – 140	1
60102700	SANI 125	133 – 168	
60102900	SANI 165	165 – 205	



Vertical roof outlets.

Product no.	Dimension [mm]					
	A	B	C	D	E	F
60102800	93	128	250	90	229	495
60102700	125	149	250	108	260	
60102900	160	195	200	146	293	



Water outlets

Heating band

60.10

Application:
Heating downpipes and roof outlets.

Product no.	Voltage [V]	Power [W]	Packaging [pcs.]
60109035	230	ok. 10	1

Rated power in temperature:
10W in temp. +5°C;
11W in temp. 0°C;
13W in temp. -20°C.

INFO:

- Automatic disconnection of the heating element from the voltage can be achieved by using a thermostat with an external sensor or an external thermostat.



Balcony grate

60.19/16

Application:
Balcony drainage.

Material:
Polystyrene; grate:
stainless steel V2A.

- Suitable for outlets COMPACT.

Product no.	Product type	High regulation range [mm]	Packaging [pcs.]
60199030	Balcony grate with strainer	60 – 105	1

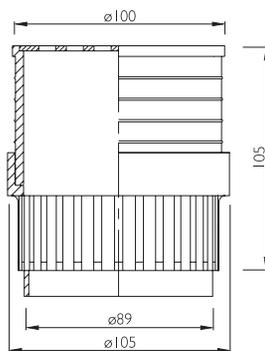


- Suitable for outlets COMPACT.

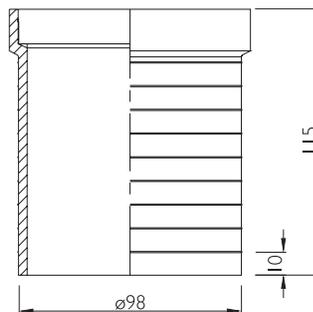
Product no.	Product type	High regulation range [mm]	Packaging [pcs.]
60169014	extension ring for balcony grate	25 – 115	1



Balcony grate with strainer



Extension ring for balcony grate.



Water outlets

Terrace grate

60.10/15

Application:
Terrace drainage.

Material:
Aluminium.

Product advantages:

- High quality supported by many years of manufacturer experience.
- Excellent technical parameters, such as high UV resistance, high thermal insulation and thermal resistance.

Product no.	High regulation range [mm]	For outlets	Packaging [pcs.]
60159060	34 – 100	TRENDY, MINI	1



EASY windowsill outlet

60.18

Application:

Main and emergency drainage of flat roofs.

Material:

Polyurethane, built-in flange suitable for various roofing materials.

INFO:

- Outlet made of polyurethane, thermally insulated, with a flange at an angle of 90° and internal seal enabling the installation of a gravel guard.
- Gravel guard available separately.

Product no.	Product type	Outlet diameter [mm]	Packaging [pcs.]
60183000	parapet outlet 50	50	1
60183200	parapet outlet 75	75	
60183400	parapet outlet 110	110	



- Made of polyamide, suitable for the Easy outlet.

Product no.	Product type	Outlet diameter [mm]	Packaging [pcs.]
60189070	gravel guard	50, 75, 110	1

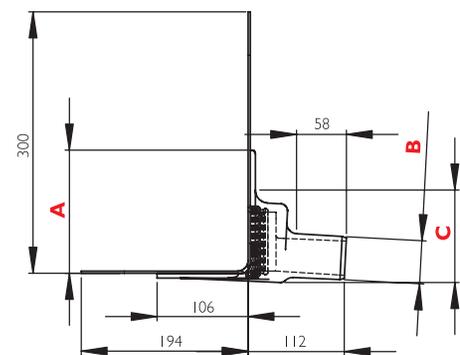


Water outlets

Data sheet

Parapet outlet.

Product type	Dimension A [mm]	Dimension B [mm]	Dimension C [mm]	Dimension D [mm]
EASY 60183000	142	50	107	68
EASY 60183200		75		68
EASY 60183400	180	110	142	108



EASY PLUS windowsill outlet

Application:

Main and emergency drainage of flat roofs.

Material:

Polyurethane, built-in flange suitable for various roofing materials.

INFO:

- Outlet made of polyurethane, thermal insulated, with flange and internal seal enabling installation of gravel guard.

Product no.	Product type	Diameter of the existing outlet [mm]	Packaging [pcs.]
60180200	parapet outlet 75	75	1
60180400	parapet outlet 110	110	
60180600	parapet outlet 125	125	



EASY GO windowsill outlet

Application:

Main and emergency drainage of flat roofs.

Material:

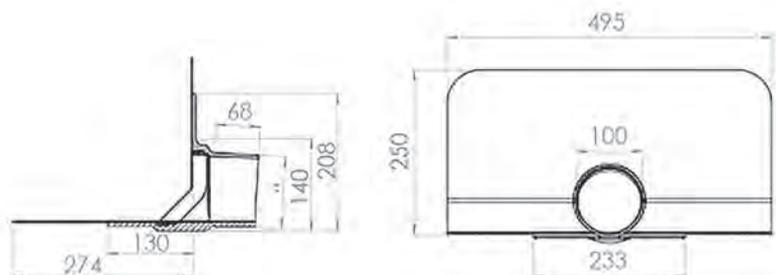
Polyurethane, built-in flange suitable for various roofing materials.

INFO:

- Outlet made of polyurethane, thermally insulated, for a direct connection with the piping. The outlet has a 45° wedge and a factory-installed bituminous skirt (500 × 500 mm) for direct welding with membrane/roofing felt.
- Gravel guard available separately.

Product no.	Product type	Diameter of existing outlet [mm]	Packaging [pcs.]
60183600	parapet outlet 75	75	1
60183800	parapet outlet 110	110	

Product no.	Product type	Diameter of existing outlet [mm]	Packaging [pcs.]
60189071	gravel guard	75, 110	1



Inspection chamber

60.23

Application:

Basic and emergency drainage for flat roofs.

Material:

Polyurethane, a built-in collar adapted to the type of roofing material.

- High regulation in the range of 100 – 130 mm.

Product no.	Product type	Grate dimension [mm]	Packaging [pcs.]
60230040	inspection chamber with steel grill	400 × 400	1



- High regulation in the range of 50 – 80 mm.

Product no.	Product type	Packaging [pcs.]	Packaging [pcs.]
60231040	extension for the inspection chamber	1	1



Product no.	Product type	Grate dimension [mm]	Packaging [pcs.]
60232040	inspection chamber with steel grill and perforated steel basket	400 × 400	1



Water outlets

Retaining element

60.23

Application:

Allows to retain the required water level on the roof.

Material:

Polyurethane.

Product advantages:

- High quality supported by many years of manufacturer experience.
- Excellent technical parameters, such as high UV resistance, high thermal insulation and thermal resistance.

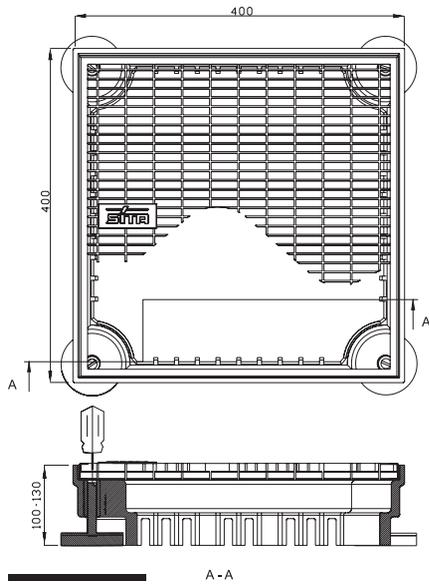
Product no.	Retention high [mm]	Matching outlets	Packaging [pcs.]
60231090	up to 220	STANDARD	1
60231590		TRENDY, COMPACT	



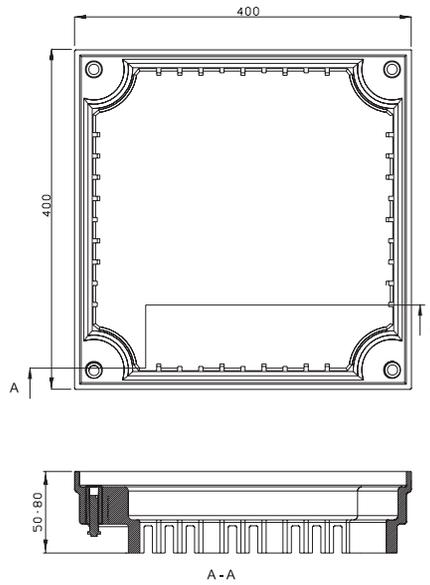
Inspection chamber – data sheets

60.23

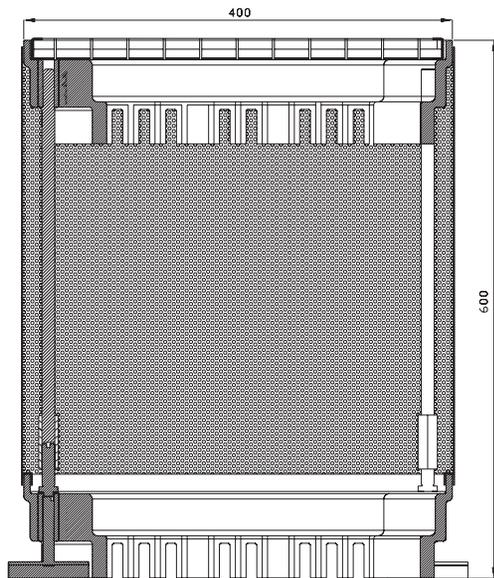
The inspection chamber with a steel grill.



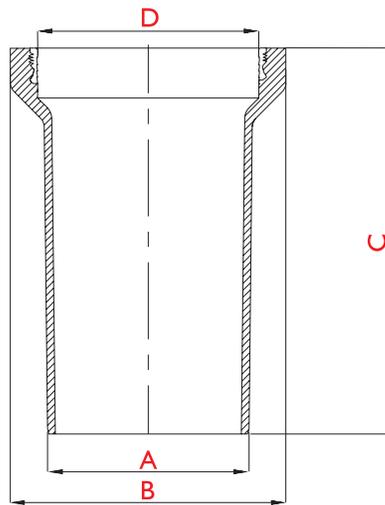
The extension for the inspection chamber.



The inspection chamber with a steel grill and perforated steel basket.



The retaining element.



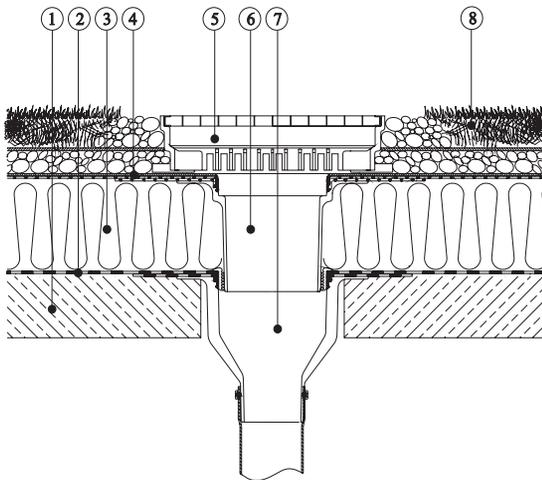
Product type	Dimension A [mm]	Dimension B [mm]	Dimension C [mm]	Dimension D [mm]
60231090	170	240	254	189
60231590	132	200	251	144



Inspection chamber – application diagrams

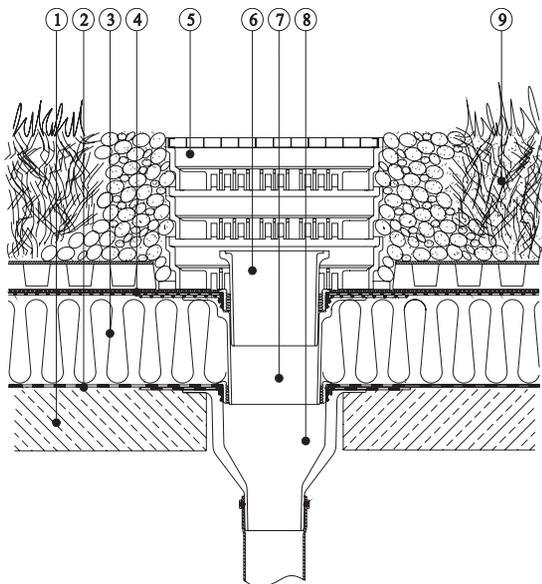
60.23

The inspection chamber with a steel grill on a roof with intensive greenery.



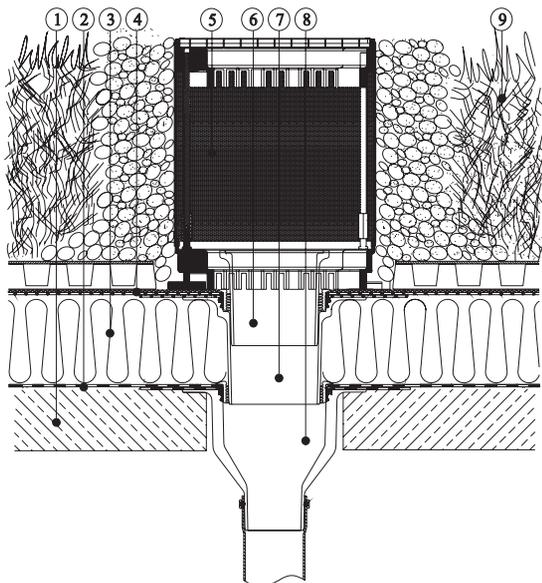
- 1) Roof structure.
- 2) Vapor barrier.
- 3) Thermal insulation.
- 4) External roofing.
- 5) Inspection chamber with a steel grill.
- 6) Extension for the inspection chamber.
- 7) Roof outlet.
- 8) Layer of topsoil and greenery.

The inspection chamber with a perforated steel basket on a roof with intensive greenery.



- 1) Roof structure.
- 2) Vapor barrier.
- 3) Thermal insulation.
- 4) External roofing.
- 5) Inspection chamber with a steel grill.
- 6) Retaining element.
- 7) Extension for the inspection chamber.
- 8) Roof outlet.
- 9) Layer of topsoil and greenery.

The inspection chamber with a perforated steel basket on a roof with intensive greenery.



- 1) Roof structure.
- 2) Vapor barrier.
- 3) Thermal insulation.
- 4) External roofing.
- 5) Inspection chamber with a steel grill and perforated steel basket.
- 6) Retaining element.
- 7) Extension for the inspection chamber.
- 8) Roof outlet.
- 9) Layer of topsoil and greenery.

Water outlets



SIMPLEX roof outlet

70.1

Application:

Flat roofs drainage, suitable for felt and modified bituminous membranes.

Material:

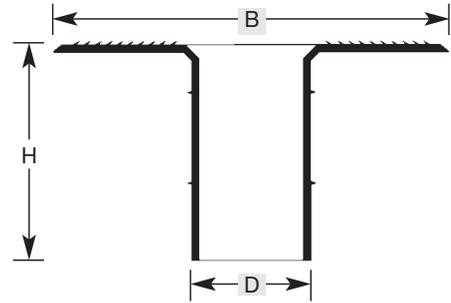
A flexible compound of synthetic rubbers, highly resistant to UV radiation.

- An integrated flange designed to withstand temporary heat necessary for the joining process.
- A ribbed flange ensures the adhesion of membranes.
- Two rings preventing the backing-up of water, providing an efficient seal.
- A flexible outlet, easily fitting any type of matching down pipe size.



INFO:

- The following products fit SIMPLEX outlets:
 - UNIFIX product no. 72275125,
 - MULTI 160 product no. 72360160.



Product no.	Nominal diameter ø [mm]	Outside diameter D [mm]	Total height H [mm]	Flange size B [mm]	Packaging [pcs.]	Bulk packaging Box [pcs.]
70107525	75	66	250	300 × 300	1	25
70110025	100	92	250	325 × 325		25
70111025	110	100	250	325 × 325		25
70112525	125	116	250	350 × 350		20
70110048	100	100	485	350 × 350		30
70112548	125	125	485	370 × 370		25

Water outlets



BONUM roof outlet

70.4

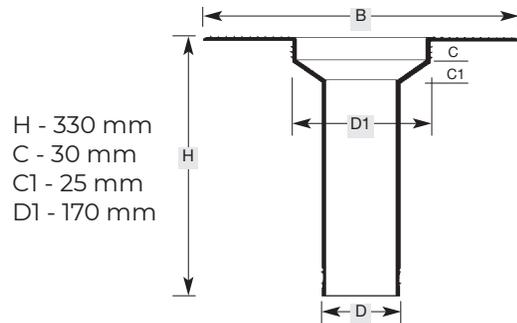
Application:

Flat roof drainage, suitable for felt and modified bituminous membranes.

Material:

A flexible compound of synthetic rubbers, highly resistant to UV radiation.

- The integrated flange is designed to withstand temporary heat necessary for the joining process.
- The ribbed flange ensures the adhesion of membranes.
- Two rings preventing the backing-up of water, providing an efficient seal.
- 50% increased water flow thanks to its funneled shape.



INFO:

- The following products fit the BONUM roof outlet:
 - BONUM product no. 72806001.

Water outlets

Product no.	Nominal diameter Ø [mm]	Outside diameter D [mm]	Total height H [mm]	Flange size B [mm]	Packaging [pcs.]	Bulk packaging Box [pcs.]
70407533	75	75	330	400 × 400	1	25
70410033	100	100				25
70411033	110	110				20
70412533	125	125				20
70416033	160	151				15
70420033	200	191				12



OPTIMUM roof outlet

70.7

Application:

Flat roof drainage for all types of felt and roofing membranes.

Material:

Polypropylene UV resistant.

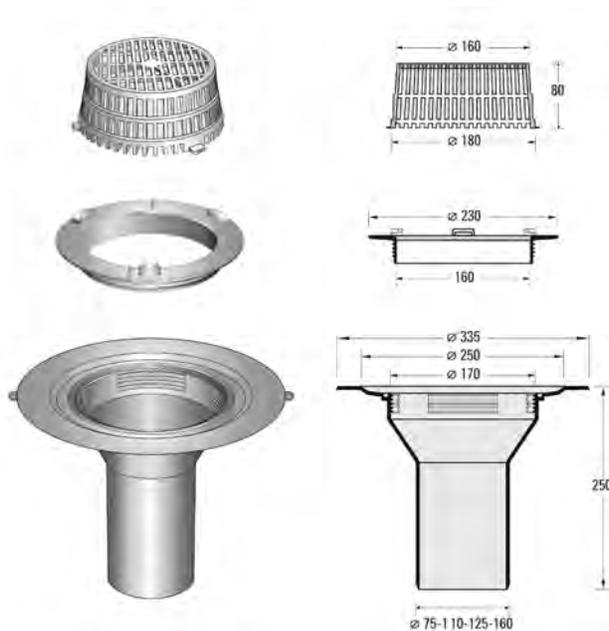
- An integrated mechanical fastening ring for impeccable sealing.
- Brackets for stable fixing to various types of surfaces.
- 50% increased water flow thanks to its funneled shape.
- A leaf and gravel grate included in the set.



INFO:

- The roof drain is made of Moplen Copolymer, tested for the requirements of the European Technical Approval Guidelines ETAG under the Construction Products Directive.
- The highest mechanical properties in a wide range of temperatures.
- Very high impact at low temperatures combined with good stiffness in high temperatures.

Product no.	Nominal diameter ø [mm]	Outside diameter D [mm]	Total height H [mm]	Flange size B [mm]	Packaging [pcs.]	Bulk packaging Box [pcs.]
70707525	75	75	250	ø333	1	6
70711025	110	110				
70712525	125	125				
70716025	160	160				



OPTIMUM roof outlet with insulation

70.8

Application:

Flat roof drainage, suitable for all types of felt and roofing membranes.

Material:

Polypropylene UV resistant, styrofoam.

- An integrated mechanical fastening ring for impeccable sealing.
- Brackets for stable fixing to various types of surfaces.
- 50% increased water flow thanks to its funneled shape.
- A leaf and gravel grate included in the set.
- 20mm of thermal insulation.

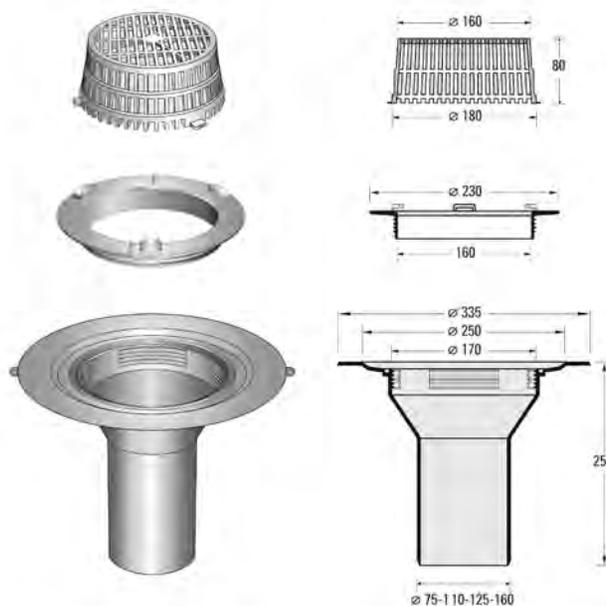


INFO:

- The roof drain is made of Moplen Copolymer, tested for the requirements of the European Technical Approval Guidelines ETAG under the Construction Products Directive.
- The highest mechanical properties in a wide range of temperatures.
- A very high impact at low temperatures combined with a good stiffness in high temperatures.

Water outlets

Product no.	Nominal diameter ø [mm]	Outside diameter D [mm]	Total height H [mm]	Flange size B [mm]	Packaging [pcs.]	Bulk packaging Box [pcs.]
70807525	75	75	250	ø333	1	6
70811025	110	110				
70812525	125	125				
70816025	160	160				



OPTIMUM roof outlet with insulation, heated

70.9

Application:

Flat roof drainage suitable for all types of felt and roofing membranes.

Material:

Polypropylene UV resistant.

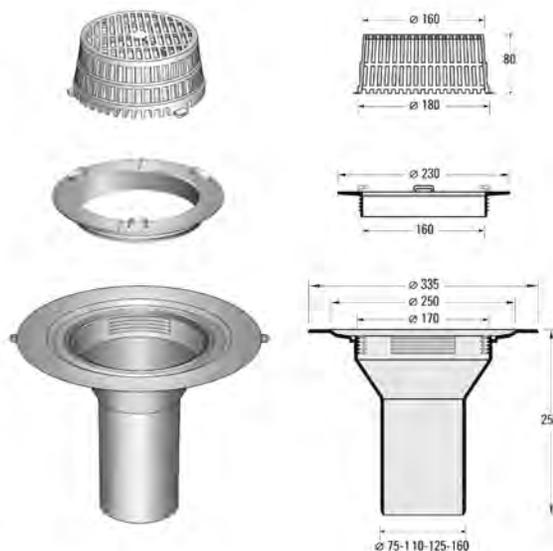
- An integrated mechanical fastening ring for impeccable sealing.
- Brackets for stable fixing to various types of surfaces.
- 50% increased water flow thanks to its funneled shape.
- A leaf and gravel grate included in the set.
- 20mm of thermal insulation.
- A 14 W (230 V) self-regulating heating element.



INFO:

- The roof drain is made of Moplen Copolymer, tested for the requirements of the European Technical Approval Guidelines ETAG under the Construction Products Directive.
- The highest mechanical properties in a wide range of temperatures.
- Very high impact at low temperatures combined with a good stiffness in high temperatures.

Product no.	Nominal diameter ø [mm]	Outside diameter D [mm]	Total height H [mm]	Flange size B [mm]	Packaging [pcs.]	Bulk packaging Box [pcs.]
70907525	75	75	250	ø333	1	6
70911025	110	110				
70912525	125	125				
70916025	160	160				



Attic outlet with a round spigot

71.1

Application:

Flat roof drainage suitable for all types of felt and modified bituminous roofing membranes.

Material:

A flexible compound of synthetic rubbers, highly resistant to UV radiation.

- The integrated flange guarantees temporary resistance to the operation of the burner.
- An integrated mechanical fastening ring for impeccable sealing.



INFO:

- It fits with the following product:
 - UNIFIX product no. 72275125.

Product no.	Nominal diameter ø [mm]	Outside diameter D [mm]	Total length L [mm]	Flange dimension A × C [mm]	Packaging [pcs.]	Bulk packaging Box [pcs.]
71107550	75	75	500	120 × 100	1	10
71110050	100	100		120 × 75		10
71111050	110	110		120 × 65		10
71112550	125	125		120 × 50		8

Water outlets

Attic outlet with a rectangular spigot

71.2

Application:

Flat roof drainage suitable for all types of felt and modified bituminous roofing membranes.

Material:

A flexible compound of synthetic rubbers, highly resistant to UV radiation.

- The integrated flange guarantees temporary resistance to the operation of the burner.
- An integrated mechanical fastening ring for impeccable sealing.



INFO:

- It fits with the following products:
 - 65 × 100 product no. 72906510,
 - 100 × 100 product no. 72910010.

Product no.	Outlet dimension [mm]	Total height H [mm]	Total length L [mm]	Flange size A × C [mm]	Packaging [pcs.]	Bulk packaging Box [pcs.]
71265150	65 × 100	140	500	120 × 110	1	20
71210150	100 × 100	180		100 × 75		



Attic outlet with a rectangular „gargoyle” spigot

71.3

Application:

Flat roof drainage suitable for all types of felt and modified bituminous roofing membranes.

Material:

A flexible compound of synthetic rubbers, highly resistant to UV radiation.

- The integrated flange guarantees temporary resistance to the operation of the burner.
- A flexible drain for easy insertion into the drain pipe.



Product no.	Outlet dimension [mm]	Total height H [mm]	Total length L [mm]	Flange size A × B [mm]	Packaging [pcs.]	Bulk packaging Box [pcs.]
71350431	50 × 40	98	310	120	1	10

Drain and siphon units

71.4

Application:

Flat roof drainage suitable for all types of felt and modified bituminous roofing membranes.

Material:

A flexible compound of synthetic rubbers, highly resistant to UV radiation.

- The integrated flange guarantees temporary resistance to the operation of the burner.
- Corrugation ensures better adhesion of the membrane.
- A flexible drain for easy insertion into the drain pipe.



Product no.	Nominal diameter ø [mm]	Outside diameter D [mm]	Total length L [mm]	Total height H [mm]	Flange size B [mm]	Packaging [pcs.]	Bulk packaging Box [pcs.]
71450100	50	50	174	62	ø304	1	12
71475100	75	75		85			



UNIFIX leaf and gravel grate

72.2

Application:

Outlet protection against leaves and gravel.

Material:

Flexible, highly UV resistant plastic.

Product no.	For outlets [mm]	Total height [mm]	Packaging [pcs.]	Bulk packaging Box [pcs.]
72275125	75-125	155	1	50



MULTI leaf and gravel grate

72.3

Application:

Outlet protection against leaves and gravel.

Material:

Flexible, highly UV resistant plastic.

Product no.	For outlets [mm]	Total height [mm]	Packaging [pcs.]	Bulk packaging Box [pcs.]
72360160	60-160	80	1	50
72360200	60-200	93	1	50



Water outlets

Fixing for MULTI grates

72.4

Product no.	Packaging [pcs.]	Bulk packaging Box [pcs.]
72401001	1	50



BONUM leaves and gravel grate

72.8

Application:

Outlet protection against leaves and gravel.

Material:

Flexible, highly UV resistant plastic.

Product no.	Total height [mm]	Packaging [pcs.]	Bulk packaging Box [pcs.]
72806001	80	1	40



ATTIKA leaf and gravel grate

72.9

Application:

Outlet protection against leaves and gravel.

Material:

Flexible plastic, highly resistant to UV rays.

Product no.	For outlets [mm]	Packaging [pcs.]	Bulk packaging Box [pcs.]
72906510	65 × 100	1	50
72910010	100 × 100		



Product no. 729106510 fits product no. 71265150



Product no. 72910010 fits to product no. 71210150



Sealing collar – for roof penetrations

73.2

Application:

Sealing roof penetrations for felt and bituminous membranes.

Material:

Flexible plastic highly resistant to UV radiation.

Product no.	Diameter [mm]	Total height [mm]	Packaging [pcs.]	Bulk packaging Box [pcs.]
73280125	80-125	120	1	50



Sealing collar – for roof penetrations

73.3

Application:

Sealing roof penetrations for felt and bituminous membranes.

Material:

Flexible plastic, highly resistant to UV radiation.

Product no.	Diameter [mm]	Total height [mm]	Packaging [pcs.]	Bulk packaging Box [pcs.]
73335090	35-90	180	1	25
73375125	75-125			



Water outlets

Sealing collar – for roof penetrations

73.4

Application:

Sealing roof penetrations for felt and bituminous membranes.

Material:

Flexible plastic, highly resistant to UV radiation.

Product no.	Diameter [mm]	Total height [mm]	Packaging [pcs.]	Bulk packaging Box [pcs.]
73420050	20-50	120	1	100



Internal and external corners

74.3

Application:

Reinforcement of joints for internal and external corners for felt and bituminous membranes.

Material:

Flexible plastic, highly resistant to UV radiation UV.

Product no.	Dimension [mm]	Type	Packaging [pcs.]	Bulk packaging Box [pcs.]
74301001	100 × 100 × 100	internal	1	100
74302001	97 × 97 × 100	external		



Flat roof vent PVC

80.28

Application:

Flat roof ventilation.

Material:

Flexible PVC-P highly resistant to UV radiation.

Product advantages:

- Universal vent base.
- High UV resistance.
- Quick and easy installation.

Product no.	Diameter [mm]	Total height [mm]	Bulk packaging Box [pcs.]
80280075	75	275	10
80280110	110	355	10



Roof outlet SIMPLEX PVC

80.1

Application:

Flat roof drainage, suitable for PVC membranes.

Material:

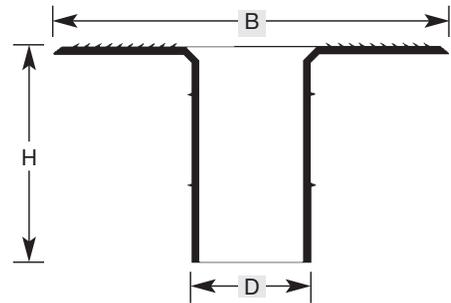
Soft and flexible PVC-P, highly resistant to UV radiation.

- A ribbed flange ensures the adhesion of membranes.
- Two rings preventing the backing-up of water providing an efficient seal.
- A flexible outlet, easily fitting any type of matching down pipe size.



INFO:

- The following products fit the SIMPLEX roof outlet:
 - UNIFIX product no. 72275125,
 - MULTI 160 product no. 72360160.



Product no.	Nominal diameter \varnothing [mm]	Outside diameter D [mm]	Total length H [mm]	Flange size B [mm]	Packaging [pcs.]	Bulk packaging Box [pcs.]
80107525	75	66	250	300 x 300	1	25
80110025	100	92		325 x 325		25
80111025	110	100		325 x 325		25
80112525	125	116		350 x 350		20
80116025	160	148		385 x 385		16

Water outlets



Roof outlet BONUM PVC

80.4

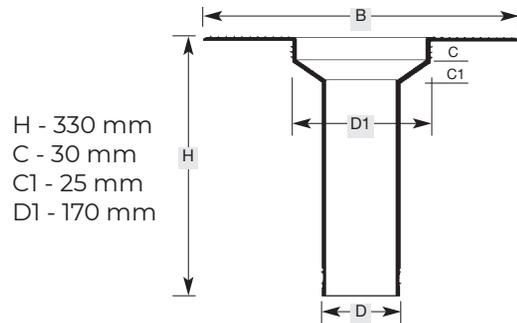
Application:

Flat roof drainage, suitable for PVC membranes.

Material:

Soft and flexible PVC-P, resistant to UV radiation.

- The ribbed flange ensures adhesion of membranes.
- Two rings preventing the backing – up of water providing an efficient seal.
- A flexible outlet, easily fitting any type of matching down pipe size.



Water outlet

INFO:

- The following products fit BONUM:
 - BONUM product no. 72806001.

Product no.	Nominal diameter Ø [mm]	Outside diameter D [mm]	Total length H [mm]	Flange size B [mm]	Packaging [pcs.]	Bulk packaging Box [pcs.]
80407533	75	75	330	400 × 400	1	25
80410033	100	100				20
80411033	110	110				20
80412533	125	125				20
80416033	160	151				15
80420033	200	191				12



Windowsill outlet round PVC

81.1

Application:

Flat roof drainage, suitable for the PVC membrane.

Material:

Soft and flexible PVC-P highly resistant to UV radiation.

- An integrated flange designed to withstand temporary heat necessary for the joining process.
- A flexible outlet, easily fitting any type of matching down pipe size.



INFO:

- The following products fit this outlet:
 - UNIFIX product no. 72275125.

Product no.	Nominal diameter ø [mm]	Outside diameter D [mm]	Total length L [mm]	Flange size A × C [mm]	Packaging [pcs.]	Bulk packaging Box [pcs.]
81107550	75	75	500	120 × 100	1	10
81110050	100	100		120 × 75		10
81111050	110	110		120 × 65		10
81112550	125	125		120 × 50		8

Windowsill outlet rectangular PVC

81.2

Application:

Flat roof drainage, suitable for PVC membranes.

Material:

Soft and flexible PVC-P highly resistant to UV radiation.

- An integrated flange designed to withstand temporary heat necessary for the joining process.
- A flexible outlet, easily fitting any type of matching down pipe size.



Product no.	Outlet dimensions [mm]	Total height H [mm]	Total length L [mm]	Flange size A × C [mm]	Packaging [pcs.]	Bulk packaging Box [pcs.]
81265150	65 × 100	140	500	120 × 110	1	10
81210150	100 × 100	180		100 × 75		



Sealing collar– roof penetration PVC

83.2

Application:

Sealing of roof penetrations for PVC membranes.

Material:

Soft and flexible PVC-P resistant to UV radiation.

Product no.	Diameter [mm]	Total height [mm]	Packaging [pcs.]	Bulk packaging Box [pcs.]
83280125	80-125	120	1	50



Sealing collar– roof penetrations PVC

83.3

Application:

Sealing roof penetrations for PVC membranes.

Material:

Soft and flexible PVC-P highly resistant to UV radiation.

Product no.	Diameter [mm]	Total height [mm]	Packaging [pcs.]	Bulk packaging Box [pcs.]
83335090	35-90	180	1	25
83375125	75-125			



Water outlets

Internal and external PVC corners

83.4

Application:

Reinforcement of joints for internal and external corners for PVC membranes.

Material:

Soft and flexible PVC-P highly resistant to UV radiation.

Product no.	Diameter [mm]	Total height [mm]	Packaging [pcs.]	Bulk packaging Box [pcs.]
83420050	20-50	120	1	100



Internal and external corners PVC

84.3

Application:

Reinforcement of joints for internal and external corners for PVC membranes.

Material:

Soft and flexible PVC-P highly resistant to UV radiation.

Product no.	Dimension [mm]	Type	Packaging [pcs.]	Bulk packaging Box [pcs.]
84301001	100 × 100 × 100	internal	1	100
84302001	97 × 97 × 100	external		



Notes





Notes

