



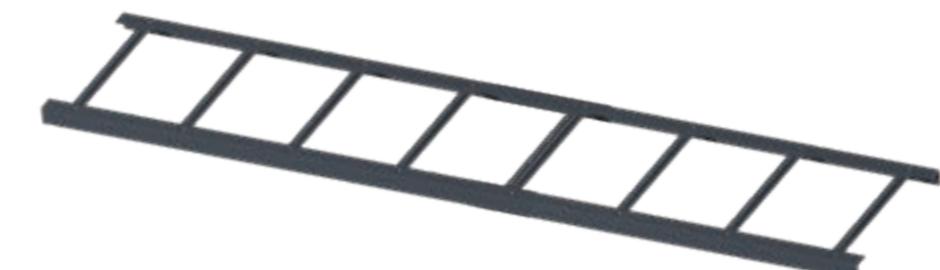
# SNOW PROTECTION & ROOF SAFETY

WE  
DEVELOP  
ROOFING  
IDEAS



## › Snow protection

The snow protection system eliminates the phenomenon of excessive snow quantities sliding down from a roof slope. Mounting elements make the installation easier in case of any roof covering.



### SNOWSTOPPER

- Snowstopping grate manufactured from galvanized steel, connections made in the TOX technology.
- Designed for use as a anti-snow protection element on sloping roofs. It also prevents against movements of mass quantities of snow.

1,0 m; 2,0 m; 3,0 m\*

Galvanized\*; RAL: 8004; 8017; 8019; 9005; 6020; 7016; 3009; 3004; 7024

2 pcs.



### FIX UNI

- Adapter for a snowstopping grate. Made from galvanized steel, connection made in the TOX technology.
- Universal adapter which mounts a snowstopping grate to flat roof coverings of an angle ranging from 15 to 60 degrees.



Galvanized\*; RAL: 8004; 8017; 8019; 9005; 6020; 7016; 3009; 3004; 7024



5 pcs.



### FIX DB-DC

- Adapter for a snowstopping grate. Made from galvanized steel, connection made in the TOX technology.
- Adapter which mounts a snowstopping grate to roofs of an angle ranging from 15 to 60 degrees and covered with concrete or ceramic roof tiles.



Galvanized\*; RAL: 8004; 8017; 8019; 9005; 6020; 7016; 3009; 3004; 7024



5 pcs.

# SNOWSTOPPER

TOX - SYSTEM OF JOINING ELEMENTS

TOX is a modern cold joining elements technology. It is well known for, among others, the car industry. Due to the method, we are able to achieve joinings of the highest durability as well as aesthetics of production in comparison to traditional welding.



The TOX joinings has been introduced (is available) for:

- The Eurovent® SNOWSTOPPER snow-stopping grate
- The EUROVENT® FIX brackets of a snow-stopping grate
- The Eurovent® SNOWSTOPPER SET system of snow-stopping protection



## FIX BIBER

- Adapter for a snowstopping grate. Made from galvanized steel, connection made in the TOX technology.
- Used as a mounting element of a snowstopping grate on sloping roofs covered with ceramic beaver-tail roof tiles laid in double-lap pattern.



Galvanized; RAL: 8004; 8017; 8019; 9005; 6020; 7016; 3009; 3004; 7024



5 pcs.



## FIX METAL PANEL

- Adapter for a snowstopping grate. Made from galvanized steel, connection made in the TOX technology.
- Used as a mounting element of a snowstopping grate on sloping roofs covered with metal panel tiles of module 370/35 mm. Blachotrapez JANOSIK; Metro SHAKE II, Pruszyński REGLE, Novatik PREMIUM; HARNAŚ.



Galvanized; RAL: 8004; 8017; 8019; 9005; 6020; 7016; 3009; 3004; 7024



5 pcs.



## › Application of a Eurovent® SNOWSTOPPER SET METAL 350

1 Eurovent® SNOWSTOPPER

2 Eurovent® FIX METAL 400

3 Eurovent® SUPER

4 Counter batten

5 Batten

6 Roof cover



## FIX METAL 350

- Adapter for a snowstopping grate. Manufactured from galvanized steel, connection made in the TOX technology.
- Used as a mounting element of a snowstopping grate on sloping roofs covered with profiled metal roof tile of module 350/20 mm.



Galvanized; RAL: 8004; 8017; 8019; 9005; 6020; 7016; 3009; 3004; 7024



5 pcs.



## FIX METAL 400

- Adapter for a snowstopping grate. Manufactured from galvanized steel, connection made in the TOX technology.
- Used as a mounting element of a snowstopping grate on sloping roofs covered with profiled metal roof tile of module 400/20 mm.



Galvanized; RAL: 8004; 8017; 8019; 9005; 6020; 7016; 3009; 3004; 7024



5 pcs.



## FIX METAL FLAT

- Adapter for a snowstopping grate. Manufactured from galvanized steel, connection made in the TOX technology.
- Used as a mounting element of a snowstopping grate on sloping roofs covered with flat metal sheet finished with a standing seam.



Galvanized; RAL: 8004; 8017; 8019; 9005; 6020; 7016; 3009; 3004; 7024



5 pcs.



## CLIP

- The clip for snow-stopping pipe made from galvanized steel.
- Used as an element for connecting several grates into a row in an easy and durable way.



60 mm



Galvanized; RAL: 8004; 8017; 8019; 9005; 6020; 7016; 3009; 3004; 7024



50 pcs.



## FIX METAL VENECJA

- Adapter for a snowstopping grate. Manufactured from galvanized steel, connection made in the TOX technology.
- Used as a mounting element of a snowstopping grate on sloping roofs covered with profiled metal roof tile of module VENECJA 350/35 mm.



Galvanized; RAL: 8004; 8017; 8019; 9005; 6020; 7016; 3009; 3004; 7024



5 pcs.



## FIX METAL FINNERA

- Adapter for a snowstopping grate. Manufactured from galvanized steel, connection made in the TOX technology.
- Used as a mounting element of a snowstopping grate on sloping roofs covered with profiled metal roof tile of module FINNERA 330/30 mm.



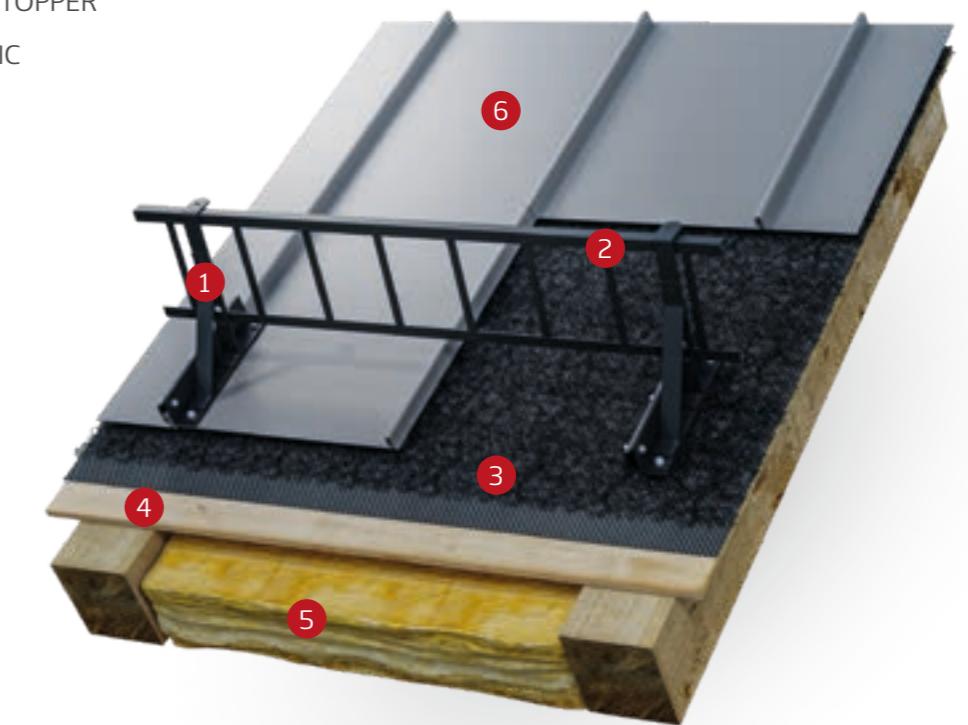
Galvanized; RAL: 8004; 8017; 8019; 9005; 6020; 7016; 3009; 3004; 7024



5 pcs.

### › Eurovent® FIX METAL FLAT

- 1 Eurovent® FIX METAL FLAT
- 2 Eurovent® SNOWSTOPPER
- 3 Eurovent® METALLIC
- 4 Sarking
- 5 Thermal insulation
- 6 Flat sheet metal





## TUBE

- Snow-stopping pipe made from galvanized steel.
- Designed for use as a protection element protecting against movements of mass quantities of snow. Prevents gutter detachment
- Versions made from copper, aluminum or stainless steel available on order.

2,0 m	Galvanized; RAL: 8004; 8017; 8019; 9005; 6020; 7016; 8012; 3004; 7024	5 pcs.



## FIX TUBE UNI

- Adapter for a snow-stopping pipe, manufactured from galvanized steel.
- Universal fixing of a snow-stopping pipe to the roof covering. Mounted to flat roof slopes of an angle ranging from 15 to 60 degrees.

	Galvanized; RAL: 8004; 8017; 8019; 9005; 6020; 7016; 8012; 3004; 7024	5 pcs.



## FIX TUBE BIBER

- Adapter for a snow-stopping pipe, manufactured from galvanized steel.
- A mounting element of a snow-stopping pipe to roof slopes of an angle ranging from 15 to 60 degrees, covered with ceramic roof tiles-beaver-tail roof tiles.

	Galvanized; RAL: 8004; 8017; 8019; 9005; 6020; 7016; 8012; 3004; 7024	5 pcs.



## FIX TUBE METAL 350

- Adapter for a snow-stopping pipe, manufactured from galvanized steel.
- A mounting element of a snowstopping pipe on sloping roofs covered with profiled metal roof tile of module 350/20 mm.

	Galvanized; RAL: 8004; 8017; 8019; 9005; 6020; 7016; 8012; 3004; 7024	5 pcs.



## FIX TUBE DB-DC SHORT

- Adapter for a snow-stopping pipe, manufactured from galvanized steel.
- A mounting element of a snow-stopping pipe to roof slopes of an angle ranging from 15 to 60 degrees, covered with cement or ceramic roof tiles, requiring over 10 pcs./sqm.

	Galvanized; RAL: 8004; 8017; 8019; 9005; 6020; 7016; 8012; 3004; 7024	5 pcs.



## FIX TUBE DB-DC LONG

- Adapter for a snow-stopping pipe, manufactured from galvanized steel.
- A mounting element of a snow-stopping pipe to roof slopes of an angle ranging from 15 to 60 degrees, covered with cement or ceramic roof tiles, requiring less than 10 pcs./sqm.

	Galvanized; RAL: 8004; 8017; 8019; 9005; 6020; 7016; 8012; 3004; 7024	5 pcs.



## FIX TUBE METAL FLAT

- Adapter for a snow-stopping pipe, manufactured from galvanized steel.
- Used as a mounting element of a snow-stopping pipe on sloping roofs covered with flat metal sheet finished with a standing seam.

	Galvanized; RAL: 8004; 8017; 8019; 9005; 6020; 7016; 8012; 3004; 7024	5 pcs.



## FIX TUBE METAL 400

- Adapter for a snow-stopping pipe, manufactured from galvanized steel.
- A mounting element of a snowstopping pipe on sloping roofs covered with profiled metal roof tile of module 400/20 mm.

	Galvanized; RAL: 8004; 8017; 8019; 9005; 6020; 7016; 8012; 3004; 7024	5 pcs.



## FIX TUBE METAL VENECJA

- Adapter for a snow-stopping pipe, manufactured from galvanized steel.
- A mounting element of a snowstopping pipe on sloping roofs covered with profiled metal roof tile of module VENECJA 350/35 mm.



Galvanized; RAL: 8004; 8017; 8019;  
9005; 6020; 7016; 8012; 3004; 7024



5 pcs.



## FIX TUBE METAL FINNERA

- Adapter for a snow-stopping pipe, manufactured from galvanized steel.
- A mounting element of a snowstopping pipe on sloping roofs covered with profiled metal roof tile of module FINNERA 330/30 mm.



Galvanized; RAL: 8004; 8017; 8019;  
9005; 6020; 7016; 8012; 3004; 7024



5 pcs.



## END TUBE

- The end of snow-stopping pipes made of plastic.
- Designed for sealing the snow-stopping pipes at their ends.



RAL: 9005



10 pcs.



## CLIP TUBE

- Clip for snow-stopping pipe made from plastic.
- Used as an element enabling efficient connection of two snow-stopping pipes into a line.



RAL: 9005



10 pcs.



## FIX TUBE METAL JANOSIK

- Adapter for a snow-stopping pipe, manufactured from galvanized steel.
- A mounting element of a snowstopping pipe on sloping roofs covered with profiled metal roof tile of module JANOSIK 380/35 mm.



Galvanized; RAL: 8004; 8017; 8019;  
9005; 6020; 7016; 8012; 3004; 7024



5 pcs.



## FIX TUBE METAL GERMANIA

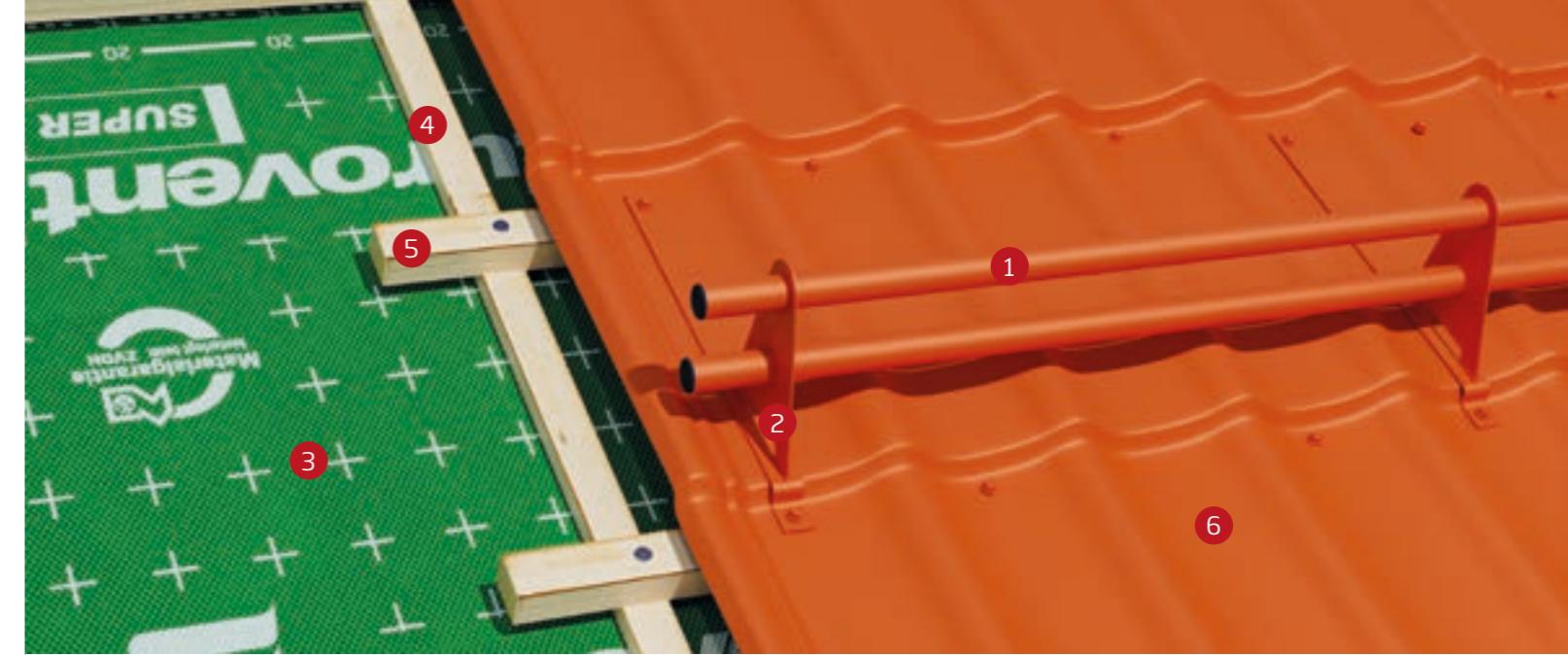
- Adapter for a snow-stopping pipe, manufactured from galvanized steel.
- A mounting element of a snowstopping pipe on sloping roofs covered with profiled metal roof tile of module GERMANIA SIMETRIC 350/30 mm.



Galvanized; RAL: 8004; 8017; 8019;  
9005; 6020; 7016; 8012; 3004; 7024



5 pcs.



### › Application of a Eurovent® TUBE SET METAL 400

1 Eurovent® TUBE

2 Eurovent® FIX TUBE METAL 400

3 Eurovent® SUPER

4 Counter batten

5 Batten

6 Roof cover



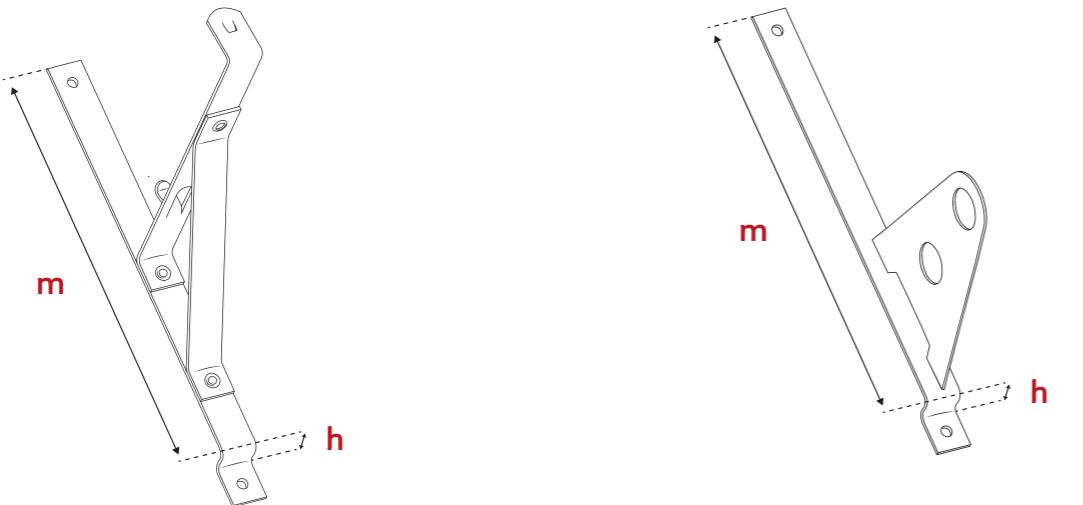
## BLOCK UNI

- Grip for snow-stopping log manufactured from galvanized steel.
- A mounting element enabling efficient installation for firmer snow-stopping logs on sloping roofs of an angle ranging from 15 to 60 degrees.



Galvanized; RAL: 8004; 8017; 8019;  
9005; 6020; 7016; 3009; 3004; 7024  
10 pcs.

## EUROVENT® FIX METAL, EUROVENT® FIX TUBE METAL - TECHNICAL DATA



FIX	Module length „m” [mm]	Embossing height „h” [mm]
FIX METAL 350   FIX TUBE METAL 350	350	20
FIX METAL 400   FIX TUBE METAL 400	400	20
FIX METAL FINNERA   FIX TUBE METAL FINNERA	330	30
FIX METAL VENECJA   FIX TUBE METAL VENECJA	350	35
FIX METAL PANEL   FIX TUBE METAL JANOSIK	370   380	35
FIX TUBE METAL GERMANIA	350	30

## METAL ROOFS

### - PRODUCERS LIST

Metal roof tiles types	Module	Producer	FIX METAL	FIX TUBE METAL
A Adamante Allano Amalfi Plus	350	Ruukki Bratex Blachdom Plus	FIX METAL VENECJA FIX METAL VENECJA FIX METAL VENECJA	FIX TUBE METAL VENECJA FIX TUBE METAL VENECJA FIX TUBE METAL VENECJA
B Bella Sara Bona Plus Bona Plus	350 350 400	Budmat Blachdom Plus Blachdom Plus	FIX METAL VENECJA FIX METAL 350 FIX METAL 400	FIX TUBE METAL VENECJA FIX TUBE METAL 350 FIX TUBE METAL 400
C Centro	350	Bratex	FIX METAL VENECJA	FIX TUBE METAL VENECJA
D Diament Eco Plus Diament Eco Plus	350 400	Blachotrapez Blachotrapez	FIX METAL 350 FIX METAL 400	FIX TUBE METAL 350 FIX TUBE METAL 400
F Finezja Max Finnera Florina Frigge	350 330 400 350	Florian Ruukki Florian Ruukki	FIX METAL VENECJA FIX METAL FINNERA FIX METAL 400 FIX METAL VENECJA	FIX TUBE METAL VENECJA FIX TUBE METAL FINNERA FIX TUBE METAL 400 FIX TUBE METAL VENECJA
G Germania Simetric Gryf	350 350	Blachotrapez Pruszyński	FIX METAL GERMANIA FIX METAL VENECJA	FIX TUBE METAL GERMANIA FIX TUBE METAL VENECJA
I Imperia Plus Imperia Plus	350 400	Blachdom Plus Blachdom Plus	FIX METAL 350 FIX METAL 400	FIX TUBE METAL 350 FIX TUBE METAL 400
J Janosik	380	Blachotrapez	FIX METAL PANEL	FIX TUBE METAL JANOSIK
K Kinga Kinga Kingas Kingas Kingas 15 Kingas 15 Kingas Eco Plus Klara Korona Plus Korona Plus	350 400 350 400 350 400 350 350 350 400	Florian Florian Blachotrapez Blachotrapez Blachotrapez Blachotrapez Blachotrapez Florian Blachdom Plus Blachdom Plus	FIX METAL 350 FIX METAL 400 FIX METAL 350 FIX METAL 400 FIX METAL 350 FIX METAL 400 FIX METAL 350 FIX METAL 350 FIX METAL 350 FIX METAL 400	FIX TUBE METAL 350 FIX TUBE METAL 400 FIX TUBE METAL 350 FIX TUBE METAL 400 FIX TUBE METAL 350 FIX TUBE METAL 400 FIX TUBE METAL 350 FIX TUBE METAL 350 FIX TUBE METAL 350 FIX TUBE METAL 400
L Lidia Max Loara	350 350	Florian Pruszyński	FIX METAL VENECJA FIX METAL VENECJA	FIX TUBE METAL VENECJA FIX TUBE METAL VENECJA
M Maja Max Monterrey Feb Forma Murano Mustang	350 350 350 350	Florian Ruukki Budmat Blachpol	FIX METAL VENECJA FIX METAL VENECJA FIX METAL VENECJA FIX METAL VENECJA	FIX TUBE METAL VENECJA FIX TUBE METAL VENECJA FIX TUBE METAL VENECJA FIX TUBE METAL VENECJA
O Optima Arad	350	Pruszyński	FIX METAL VENECJA	FIX TUBE METAL VENECJA

## METAL ROOFS

### - PRODUCERS LIST

	Metal roof tiles types	Module	Producer	FIX METAL	FIX TUBE METAL
P	Perła Plus	350	Blachdom Plus	FIX METAL 350	FIX TUBE METAL 350
	Perła Plus	400	Blachdom Plus	FIX METAL 400	FIX TUBE METAL 400
	Platino	350	Bratex	FIX METAL 350	FIX TUBE METAL 350
R	Rialto	350	Budmat	FIX METAL VENECJA	FIX TUBE METAL VENECJA
	Rozalia Max	350	Florian	FIX METAL VENECJA	FIX TUBE METAL VENECJA
	Róża	350	Florian	FIX METAL 350	FIX TUBE METAL 350
	Róża	400	Florian	FIX METAL 400	FIX TUBE METAL 400
	Rubin Plus	350	Pruszyński	FIX METAL 350	FIX TUBE METAL 350
	Rubin Plus	400	Pruszyński	FIX METAL 400	FIX TUBE METAL 400
S	Sofia	350	Florian	FIX METAL 350	FIX TUBE METAL 350
	Sofia	400	Florian	FIX METAL 400	FIX TUBE METAL 400
	Szafir	350	Pruszyński	FIX METAL 350	FIX TUBE METAL 350
	Szafir	400	Pruszyński	FIX METAL 400	FIX TUBE METAL 400
T	Talia	350	Blachotrapez	FIX METAL VENECJA	FIX TUBE METAL VENECJA
	Tamara Max	350	Florian	FIX METAL VENECJA	FIX TUBE METAL VENECJA
	Twister	350	Blachodach	FIX METAL 350	FIX TUBE METAL 350
V	Vello	350	Bratex	FIX METAL VENECJA	FIX TUBE METAL VENECJA
	Venecja	350	Budmat	FIX METAL VENECJA	FIX TUBE METAL VENECJA



# Snow Zones

In accordance with the regulations included in the Polish Standard PN-EN 1991-1-3, owners of buildings are obliged to ensure security to the buildings users, as well as to outsiders as far as the snow sliding down from roof slopes is concerned. The aforementioned standard precisely states the rules and the number of protecting elements which are supposed to be installed on a roof slope.



## Snow-stopping grates and logs

The position of snow-stopping grates and logs brackets for particular zones:



Two rows of snow-stopping grates are recommended to be positioned in case of roofs which slope length is bigger than 6,5 m.

For roofs which angle is bigger than 40° and the slope length bigger than 8 m, two rows of snow breakers are recommended to be installed.

## Snowstop – snow breaker

Snowstops are an alternative solution in terms of snow protection for snow-stopping grates and logs. In order to make their work effective, it is recommended to dispose them on the entire roof slope surface, while their disposal and quantity depend on a roof angle and the snow zone in which a particular building is located. The table presented below shows a precise number of snowstops for 1 m<sup>2</sup> of a roof slope in dependence on an angle and the load value of snow on the roof.

The formula for calculation of roof loading with snow is applied when the value (s) is not provided in a construction project.

$$S = Q_K \cdot C \cdot Y_1 \text{ [kN/m}^2\text{]}$$

Where:

$Q_K$  – Load value of snow on the ground:

- zone 1      0,7 kN/m<sup>2</sup>
- zone 2      0,9 kN/m<sup>2</sup>
- zone 3      1,2 kN/m<sup>2</sup>
- zone 4      1,6 kN/m<sup>2</sup>
- zone 5      ≥ 2,0 kN/m<sup>2</sup>

$Y_1$  – factor of safety = 1,5

$C$  – factor of the roof shape

The formula for calculation of a factor of the roof shape (C).

1. Pent roof and gable roof:

$$C_1(a) = \begin{cases} 0,8 \\ 0,8 \left( \frac{60-a}{30} \right) \\ 0,0 \end{cases}$$

2. Gable roof for zones of bigger load or zones 4 and 5:

$$C_2(a) = \begin{cases} 0,8 \\ 0,8 + 0,4 \left( \frac{a-15}{15} \right) \\ 1,2 \left( \frac{60-a}{30} \right) \\ 0,0 \end{cases}$$

1. roof angle:

$a \leq 30^\circ$

$30^\circ < a \leq 60^\circ$

$a > 60^\circ$

2. roof angle:

$a \leq 15^\circ$

$15^\circ < a \leq 30^\circ$

$30^\circ < a \leq 60^\circ$

$a > 60^\circ$

Number of snowstops (pieces/m<sup>2</sup>)

roof slope angle	load value of snow on the roof S (kN/m <sup>2</sup> ).										
	S ≤	1,00	2,00	3,00	4,00	5,00	6,00	7,00	8,00	9,00	10,00
20°	2,0	2,1	2,1	2,2	2,2	2,5	2,8	3,3	3,5	3,8	4,6
25°	2,1	2,2	2,2	2,3	2,5	2,7	3,1	3,5	4,0	4,4	5,2
30°	2,1	2,2	2,2	2,4	2,8	3,2	3,8	4,2	4,6	4,9	5,5
35°	2,2	2,3	2,3	2,5	2,9	3,3	3,9	4,4	4,6	5,2	6,2
40°	2,3	2,4	2,4	2,6	3,0	3,4	4,2	4,5	5,0	5,3	6,8
45°	2,5	2,6	2,7	2,8	3,1	3,6	4,4	4,9	5,2	5,5	7,0
50°	3,1	3,3	3,6	4,0	4,3	4,7	5,2	5,6	5,9	6,1	7,1
55°	3,2	3,4	3,7	4,1	4,4	4,8	5,4	5,8	6,0	6,3	7,2
60°	3,3	3,8	4,2	4,4	4,7	5,1	5,4	6,0	6,4	6,8	7,4

# SNOWSTOP

Snowstops used as an element breaking mass quantities of snow sliding down from roof slopes to the eaves area. Made from galvanized steel, lacquered with a polyester paint. Available in a dozen of models dedicated for different types of roof coverings.

	8004; 8019; 8017; 9005; 7016; 8012*
	100 pcs.
	3 000 pcs.



**UNI**  
for flat roof coverings  
Models SHORT, LONG



**DB**  
BRAAS, IBF, EURONIT,  
JOPEK – BEAVER-TILE,  
NELSKAMP, KORAMIC,  
CREATON VIVA, RUPP TOPAS



**DC-1**  
TONDACH HRANICE 11,  
CREATON MZ23, KORAMIC 32,  
RÖBEN MONZA PLUS,  
RUPP TARMAUTE



**DC-2**  
TONDACH ROMAŃSKA 12,  
CREATON HARMONIA NEU,  
BRAAS / RUPP SIRIUS 13,  
KORAMIC E80, JAKOBI D10,  
RÖBEN FLEMING, RÖBEN  
BORNHOLM  
Models: SHORT; LONG



**DC-3**  
TONDACH: FRANCUSKA 12,  
FALCOVKA, MARSYLKA 12,  
RUPP RUBIN, CREATON:  
DOMINO, RATIO NEU,  
PIATTA, BRAAS ARMER 12V,  
KORAMIC ALEGRA 89,  
BOGEN INNOVO 12



**DC-4**  
TONDACH: FRANCUSKA 14,  
MARSYLKA 14



**METAL**  
metal roof covering



**DC-5**  
TONDACH ROMAŃSKA L15,  
CREATON FUTURA



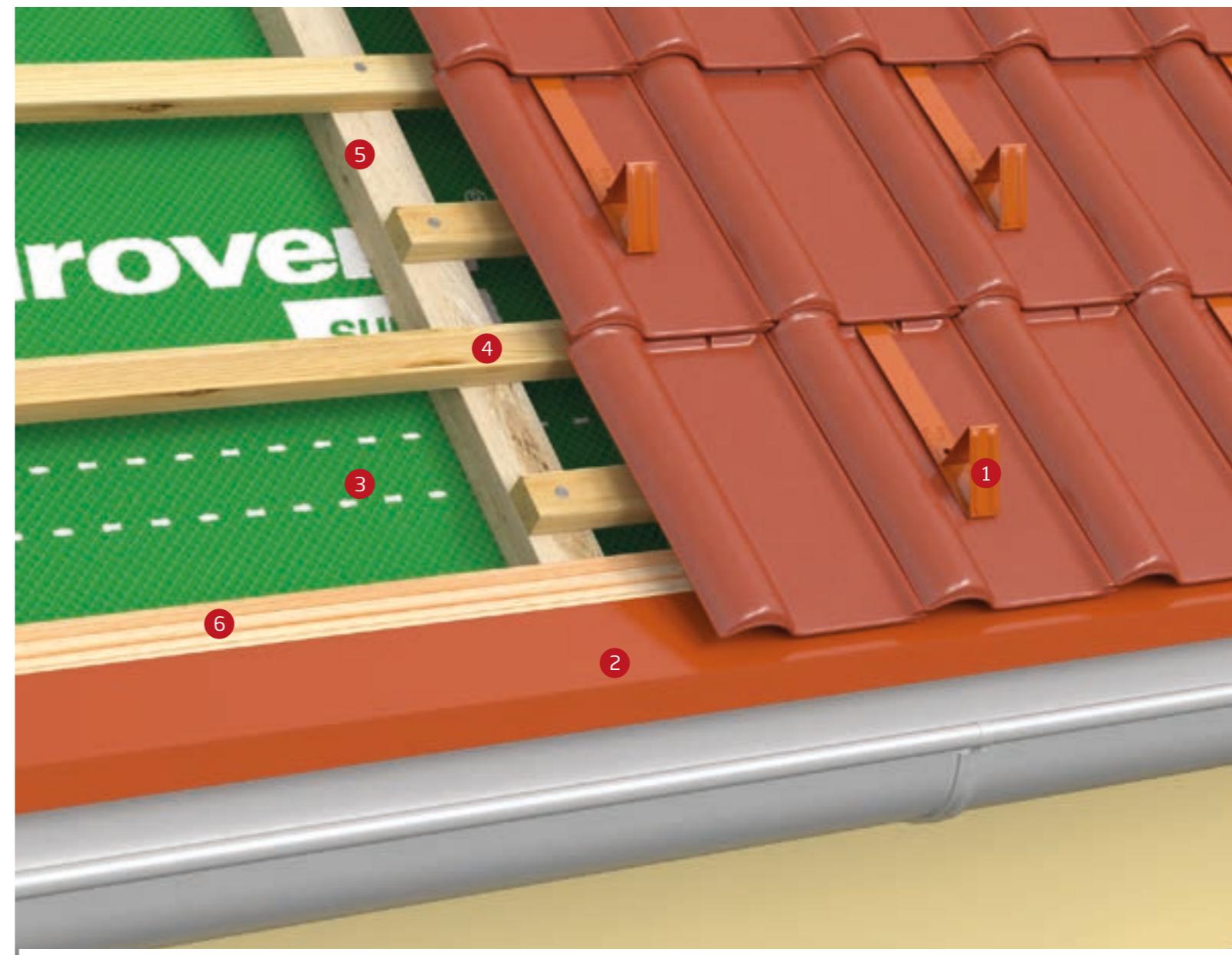
**DC-6**  
TONDACH STODO,  
JIRCANKA



**DC-7**  
CREATON: PREMION

**DC-8**  
CREATON HARMONICA

**DC-9**  
CREATON BALANCE



## › Application of a snow-breaker Eurovent® SNOWSTOP

**1** Eurovent® SNOWSTOP

**2** Eurovent® EAVES PLANK

**3** Eurovent® SUPER

**4** Counter batten

**5** Batten

**6** Eaves board

\* on order

## SNOWSTOPPER SET

The system of snow-stopping protection, set from a snow-stopping grate SNOWSTOPPER, adapters FIX and clips CLIP. Constitutes efficient protection against snow movements down from roof slopes of an angle ranging from 15 to 60 degrees.

	1,0 m; 2,0 m; 3,0 m
	Galvanized; RAL: 8004; 8017; 8019; 6020; 9005; 7016; 3009; 7024; 3004
	1 set
	12 sets



**UNI**  
for flat roof coverings flat coverings,  
e.g. bituminous shingles.

**METAL PANEL**  
for panel metal sheet of module  
370/35 mm. Metro SHAKE II,  
Pruszyński REGLE, Novatik  
PREMIUM, Novatik HARNAŚ,  
Blachotrapez JANOSIK.

**METAL 350**  
for profiled metal roof tile  
of module 350/20 mm.



**METAL 400,**  
for profiled metal roof tile  
of module 400/20 mm.

**METAL FINNERA**  
for profiled metal roof tile  
of module FINNERA 330/30 mm.

**METAL VENECJA**  
for profiled metal roof tile  
of module VENECJA 350/35 mm.



**BIBER**  
for beaver tile-roof tiles.

**DB-DC**  
for cement and ceramic roof tiles.

**METAL FLAT**  
for flat metal coverings finished  
with a standing seam.

### › Eurovent® SNOWSTOPPER SET DB-DC

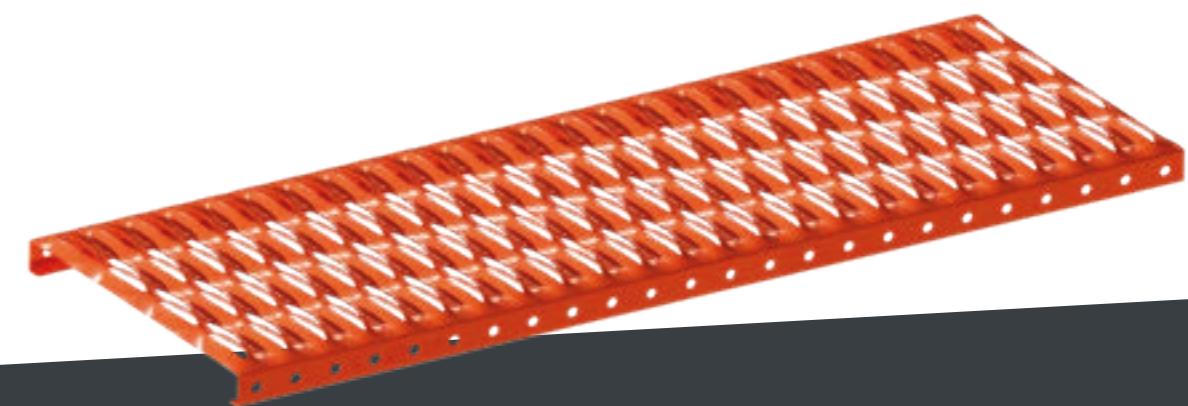
- 1 Eurovent® FIX DB-DC
- 2 Eurovent® SNOWSTOPPER
- 3 Eurovent® XSTRONG
- 4 Eurovent® PUR
- 5 Additional batten
- 6 Thermal insulation
- 7 Roof tile





## › Roof safety

The roof traffic system guarantees safe traffic in the roof area and enables easy chimney works. The offered brackets make the installation possible on every kind of roof covering.



### PLATFORM

- Chimney bench manufactured from galvanized steel.
- Used as a roof communication element to enable safe foot traffic on the roof slope in the chimney area. The product features anti-slip corrugations.
- Mounted on the roof covering in conjunction with the GRIP bracket and the SUPPORT adapter.

 0,4 m; 0,6 m; 0,8 m;  
1,0 m; 2,0 m; 3,0 m\*

 Galvanized; RAL: 8004;  
8017; 8019; 9005; 6020;  
7016; 8012; 3004; 7024

 4 pcs.

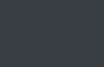


### STEP

- Chimney Step made from galvanized steel.
- Used as a roof communication element to enable safe foot traffic on the roof slope.
- Mounted on the roof covering in conjunction with the SUPPORT adapter.



140 mm | Galvanized; RAL: 8004; 8017; 8019;  
x 256 mm | 9005; 6020; 7016; 8012; 3004; 7024 | 10 pcs.



### GRIP

- Universal grip made from galvanized steel.
- An element that enables connecting a chimney bench with an adapter mounted directly on the roof covering.



Galvanized; RAL: 8004; 8017; 8019;  
9005; 6020; 7016; 8012; 3004; 7024 | 10 pcs.

\* on order



## SUPPORT UNI

- One-piece adapter of a chimney bench bracket made from galvanized steel.
- An element that enables connecting a chimney bench bracket or a chimney step bracket on flat roof coverings.



Galvanized; RAL: 8004; 8017; 8019;  
9005; 6020; 7016; 3009; 3004; 7024



10 pcs.



## SUPPORT DB-DC WEST

- One-piece adapter made from galvanized steel with additional EPDM sealing.
- An element that enables connecting a chimney bench bracket or a chimney step bracket on roofs covered with cement or ceramic roof tiles.



Galvanized; RAL: 8004; 8017; 8019;  
9005; 6020; 7016; 3009; 3004; 7024



10 pcs.



## SUPPORT DB-DC SHORT

- One-pieces adapter of a chimney bench made from galvanized steel with additional PUR sealing.
- An element that enables connecting a chimney bench bracket or a chimney step bracket on profiled roofs covered with cement or ceramic roof tiles.



Galvanized; RAL: 8004; 8017; 8019;  
9005; 6020; 7016; 3009; 3004; 7024



10 pcs.



## SUPPORT DB-DC LONG

- One-pieces adapter of a chimney bench made from galvanized steel with additional PUR sealing.
- An element that enables connecting a chimney bench bracket or a chimney step bracket on profiled roofs covered with cement or ceramic roof tiles.



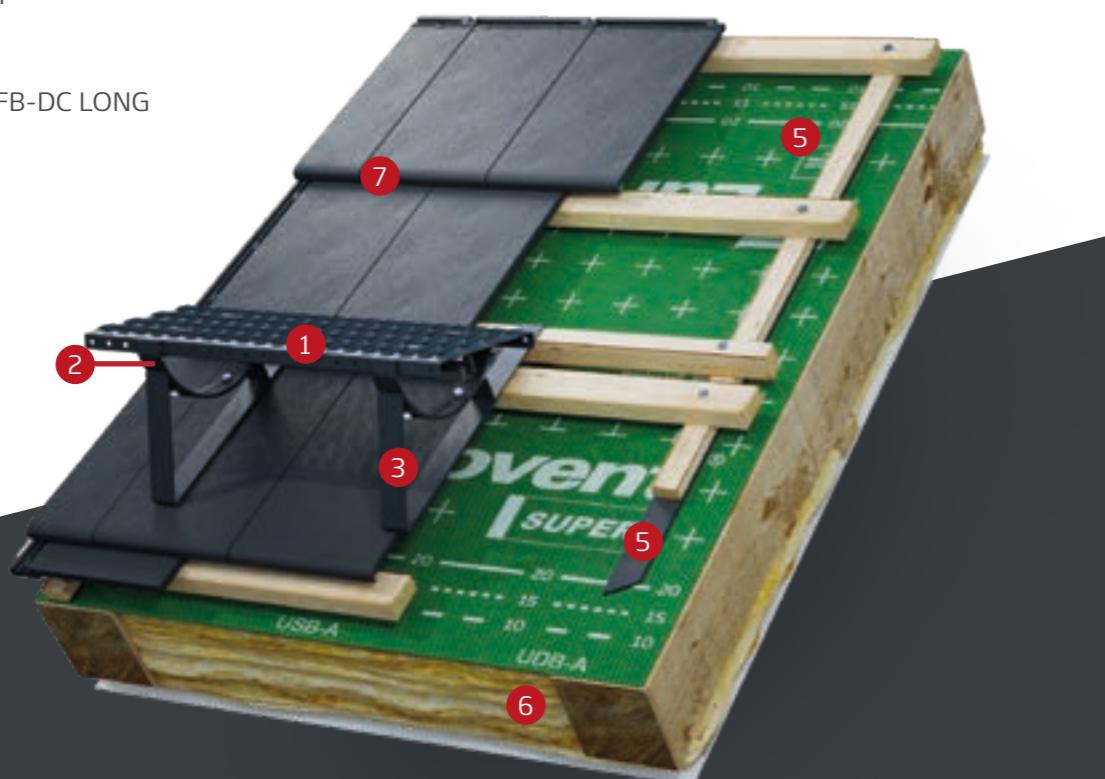
Galvanized; RAL: 8004; 8017; 8019;  
9005; 6020; 7016; 3009; 3004; 7024



10 pcs.

### › Eurovent® PLATFORM SET DB-DC – Ceramic roof tile

- 1 Eurovent® PLATFORM
- 2 Eurovent® GRIP
- 3 Eurovent® SUPPORT FB-DC LONG
- 4 Eurovent® SUPER
- 5 Eurovent® PUR
- 6 Thermal insulation
- 7 Roof tile



## SUPPORT BIBER WEST

- One-piece adapter made from galvanized steel with an additional PUR sealing.
- An element that enables connecting a chimney bench bracket or a chimney step bracket on roofs covered with flat ceramic roof tiles, called as beaver-tiles



Galvanized; RAL: 8004; 8017; 8019;  
9005; 6020; 7016; 8012; 3004; 7024



10 pcs.



## SUPPORT METAL DECRA

- One-pieces adapter of a chimney bench made from galvanized steel.
- An element that enables installation of a chimney bench or a step on the roofs covered with metal sheets of module DECRA 350/20 mm; DECRA 350/30 mm; DECRA 350/35 mm.



Ocynk; RAL: 8004; 8017; 8019; 9005;  
6020; 7016; 8012; 3004; 7024



10 pcs.



## SUPPORT METAL 350

- The adapter of a chimney bench bracket, made from galvanized steel.
- An element that enables installation of a chimney bench or a step on the roofs covered with profiled metal sheets of module 350/20 mm.



Galvanized; RAL: 8004; 8017; 8019;  
9005; 6020; 7016; 8012; 3004; 7024



10 pcs.

- The adapter of a chimney bench bracket, made from galvanized steel.
- An element that enables installation of a chimney bench or a step on the roofs covered with profiled metal sheets of module 400/20 mm.



Galvanized; RAL: 8004; 8017; 8019;  
9005; 6020; 7016; 8012; 3004; 7024



10 pcs.

## SUPPORT METAL JANOSIK

- The adapter of a chimney bench bracket, made from galvanized steel.
- An element that enables installation of a chimney bench or a step on the roofs covered with profiled metal sheets of modules JANOSIK 380/35 mm. Blachotrapez JANOSIK.



Galvanized; RAL: 8004; 8017; 8019;  
9005; 6020; 7016; 8012; 3004; 7024



10 pcs.



## SUPPORT METAL GERMANIA

- The adapter of a chimney bench bracket, made from galvanized steel.
- An element that enables installation of a chimney bench or a step on the roofs covered with profiled metal sheets of modules GERMANIA SIMETRIC 350/30 mm.



Galvanized; RAL: 8004; 8017; 8019;  
9005; 6020; 7016; 8012; 3004; 7024



10 pcs.



## SUPPORT METAL FINNERA

- The adapter of a chimney bench bracket, made from galvanized steel.
- An element that enables installation of a chimney bench or a step on the roofs covered with profiled metal sheets of modules VENECJA 350/35 mm.



Galvanized; RAL: 8004; 8017; 8019;  
9005; 6020; 7016; 8012; 3004; 7024



10 pcs.



## SUPPORT METAL VENECJA

- The adapter of a chimney bench bracket, made from galvanized steel.
- An element that enables installation of a chimney bench or a step on the roofs covered with profiled metal sheets of modules FINNERA 330/30 mm.



Galvanized; RAL: 8004; 8017; 8019;  
9005; 6020; 7016; 8012; 3004; 7024



10 pcs.

## SUPPORT METAL FLAT

- Three-pieces adapter of a chimney bench bracket, made from galvanized steel.
- An element that enables installation of a chimney bench or a step on the roofs covered with a flat sheet, finished on a standing seam.



Galvanized; RAL: 8004; 8017; 8019;  
9005; 6020; 7016; 8012; 3004; 7024



5 pcs.

## LINK

- Roof platform link manufactured from galvanized steel.
- Used as a roof communication element which enables connecting chimney platforms into a row.
- Offered in a set with mounting screws.



180 mm



Galvanized; RAL: 8004; 8017; 8019;  
9005; 6020; 7016; 8012; 3004; 7024



10 pcs.



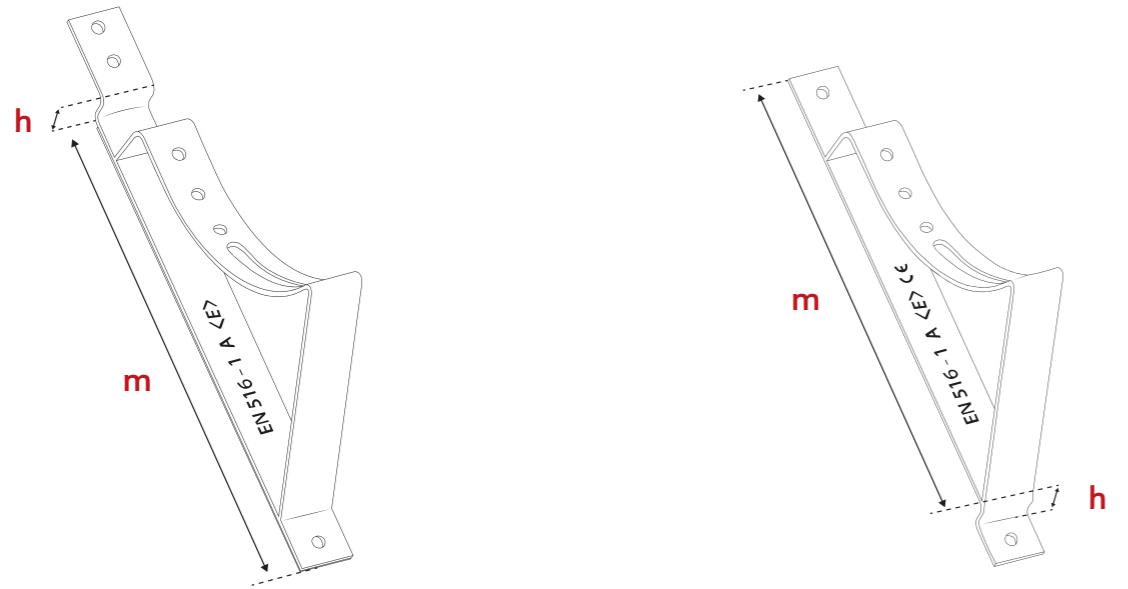
## VISTA DUO

- Roof exit made of impregnated pine wood with combined double glass 15 mm thick, set in an aluminum profile.
- Equipped with two opening options.
- Suitable for non-insulated attics and roofs of an angle ranging from 15 to 60 degrees.



## EUROVENT® FIX METAL, EUROVENT® FIX TUBE METAL

### - TECHNICAL DATA



Support	Module length „m” [mm]	Embossing height „h” [mm]
SUPPORT METAL 350	350	20
SUPPORT METAL 400	400	20
SUPPORT METAL FINNERA	330	30
SUPPORT METAL VENECJA	350	35
SUPPORT METAL DECRA	350	20 / 30 / 35
SUPPORT METAL JANOSIK	380	35
SUPPORT METAL GERMANIA	350	30

## METAL ROOFS

### - PRODUCERS LIST

Metal roof tiles types	Module	Producer	SUPPORT METAL
A Adamante Allano Amalfi Plus	350 350 350	Ruukki Bratex Blachdom Plus	SUPPORT METAL VENECJA SUPPORT METAL VENECJA SUPPORT METAL VENECJA
B Bella Sara Bona Plus Bona Plus	350 350 400	Budmat Blachdom Plus Blachdom Plus	SUPPORT METAL VENECJA SUPPORT METAL 350 SUPPORT METAL 400
C Centro	350	Bratex	SUPPORT METAL VENECJA
D Diament Eco Plus Diament Eco Plus	350 400	Blachotrapez Blachotrapez	SUPPORT METAL 350 SUPPORT METAL 400
F Finezja Max Finnera Florina Frigge	350 330 400 350	Florian Ruukki Florian Ruukki	SUPPORT METAL VENECJA SUPPORT METAL FINNERA SUPPORT METAL 400 SUPPORT METAL VENECJA
G Germania Simetric Gryf	350 350	Blachotrapez Pruszyński	SUPPORT METAL GERMANIA SUPPORT METAL VENECJA
I Imperia Plus Imperia Plus	350 400	Blachdom Plus Blachdom Plus	SUPPORT METAL 350 SUPPORT METAL 400
J Janosik	380	Blachotrapez	SUPPORT METAL JANOSIK
K Kinga Kinga Kingas Kingas Kingas 15 Kingas 15 Kingas Eco Plus Klara Korona Plus Korona Plus	350 400 350 400 350 400 350 350 350 400	Florian Florian Blachotrapez Blachotrapez Blachotrapez Blachotrapez Blachotrapez Florian Blachdom Plus Blachdom Plus	SUPPORT METAL 350 SUPPORT METAL 400 SUPPORT METAL 350 SUPPORT METAL 400 SUPPORT METAL 350 SUPPORT METAL 400 SUPPORT METAL 350 SUPPORT METAL 350 SUPPORT METAL 350 SUPPORT METAL 400
L Lidia Max Loara	350 350	Florian Pruszyński	SUPPORT METAL VENECJA SUPPORT METAL VENECJA
M Maja Max Monterrey Feb Forma Murano Mustang	350 350 350 350	Florian Ruukki Budmat Blachpol	SUPPORT METAL VENECJA SUPPORT METAL VENECJA SUPPORT METAL VENECJA SUPPORT METAL VENECJA
O Optima Arad	350	Pruszyński	SUPPORT METAL VENECJA

## METAL ROOFS

### - PRODUCERS LIST

	Metal roof tiles types	Module	Producer	SUPPORT METAL
P	Perła Plus	350	Blachdom Plus	SUPPORT METAL 350
	Perła Plus	400	Blachdom Plus	SUPPORT METAL 400
	Platino	350	Bratex	SUPPORT METAL 350
R	Rialto	350	Budmat	SUPPORT METAL VENECJA
	Rozalia Max	350	Florian	SUPPORT METAL VENECJA
	Róża	350	Florian	SUPPORT METAL 350
	Róża	400	Florian	SUPPORT METAL 400
	Rubin Plus	350	Pruszyński	SUPPORT METAL 350
	Rubin Plus	400	Pruszyński	SUPPORT METAL 400
S	Sofia	350	Florian	SUPPORT METAL 350
	Sofia	400	Florian	SUPPORT METAL 400
	Szafir	350	Pruszyński	SUPPORT METAL 350
	Szafir	400	Pruszyński	SUPPORT METAL 400
T	Talia	350	Blachotrapez	SUPPORT METAL VENECJA
	Tamara Max	350	Florian	SUPPORT METAL VENECJA
	Twister	350	Blachodach	SUPPORT METAL 350
V	Vello	350	Bratex	SUPPORT METAL VENECJA
	Venecja	350	Budmat	SUPPORT METAL VENECJA



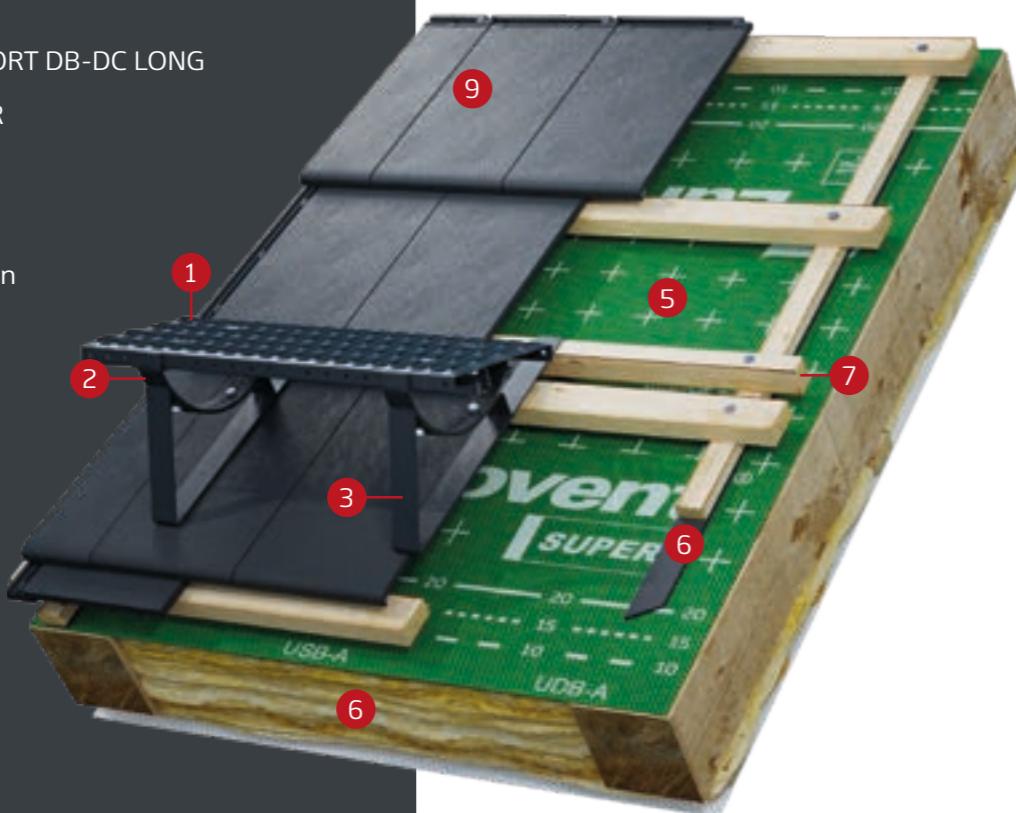
# PLATFORM SET

Chimney platform in a complete assembly set consisting of two adapters SUPPORT, two GRIP adapters, mounting screws and a one chimney bench PLATFORM.  
The elements made of galvanized steel form a complete system for safe traffic on the roof slope with an angle of 15° to 60°.

	0,4 m; 0,8 m
	RAL: 8004; 8017; 8019; 9005; 7016; 8012; 3004
	1 set (2 x SUPPORT, 2 x GRIP, 1 x PLATFORM)
	0,4 m: 60 sets 0,8 m: 40 sets

## › Eurovent® PLATFORM SET DB-DC – Ceramic roof tile

- 1 Eurovent® PLATFORM
- 3 Eurovent® GRIP
- 4 Eurovent® SUPPORT DB-DC LONG
- 5 Eurovent® SUPER
- 6 Eurovent® PUR
- 7 Additional batten
- 8 Thermal insulation
- 9 Roof tile



UNI

for flat roof coverings,  
e.g. bituminous shingle.



DB-DC SHORT

for interlocking roof tiles requiring over 10 pcs./sqm and beaver-tail roof tiles laid in double-lap pattern.



DB-DC LONG

for large sized interlocking roof tiles requiring less than 10 pcs./sqm.



METAL FLAT

for metal flat roofs coverings finished on a standing seam.



METAL 350

for metal roof covered with profiled metal sheets of the module 350/20 mm.



METAL 400

for metal roof covered with profiled metal sheets of the module 400/20 mm.



METAL VENECJA

for metal roof covered with profiled metal sheets of the module VENECJA 350/35 mm.



METAL FINNERA

for metal roof covered with profiled metal sheets of the module FINNERA 330/30 mm.



METAL JANOSIK

for metal roof covered with profiled metal sheets of the module JANOSIK 380/35 mm.



METAL GERMANIA

for metal roof covered with profiled metal sheets of the module GERMANIA SIMETRIC 350/30 mm

# STEP SET

Chimney step in a complete assembly set consisting of two SUPPORT adapters and one chimney STEP. The elements made of galvanized steel form a complete system for safe traffic on the roof slope of an angle of 15° to 60°. The product features anti-slip corrugations and a hand grip.



RAL: 8004; 8017; 8019;  
9005; 7016; 8012; 3004



1 set (2 x STEP,  
2 x SUPPORT)



50 sets

## › Eurovent® STEP SET DB-DC – Ceramic roof tile

- 1 Eurovent® STEP DB-DC LONG
- 2 Eurovent® SUPPORT DB-DC LONG
- 3 Eurovent® HOME PRO
- 4 Eurovent® PUR
- 5 Additional batten
- 6 Thermal insulation
- 7 Roof tile



UNI

for flat roof coverings,  
e.g. bituminous shingle.



DB-DC LONG

for large sized interlocking roof tiles  
requiring less than 10 pcs./sqm.



DB-DC SHORT

for interlocking roof tiles requiring over  
10 pcs./sqm and beaver-tail roof tiles  
laid in double-lap pattern.



METAL FLAT

for metal flat roofs coverings  
finished on a standing seam.



METAL 350

for metal roof covered with profiled  
metal sheets of the module 350/20 mm.



METAL 400

for metal roof covered with profiled  
metal sheets of the module 400/20 mm.



METAL VENECJA

for metal roof covered with profiled  
metal sheets of the module VENECJA  
350/35 mm.



METAL FINNERA

for metal roof covered with profiled  
metal sheets of the module FINNERA  
330/30 mm.



METAL JANOSIK

for metal roof covered with profiled  
metal sheets of the module JANOSIK  
380/35 mm.



METAL GERMANIA

for metal roof covered with profiled  
metal sheets of the module GERMANIA  
SIMETRIC 350/30 mm.

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