



**WE  
DEVELOP  
ROOFING  
IDEAS**



## FLEX CORNER

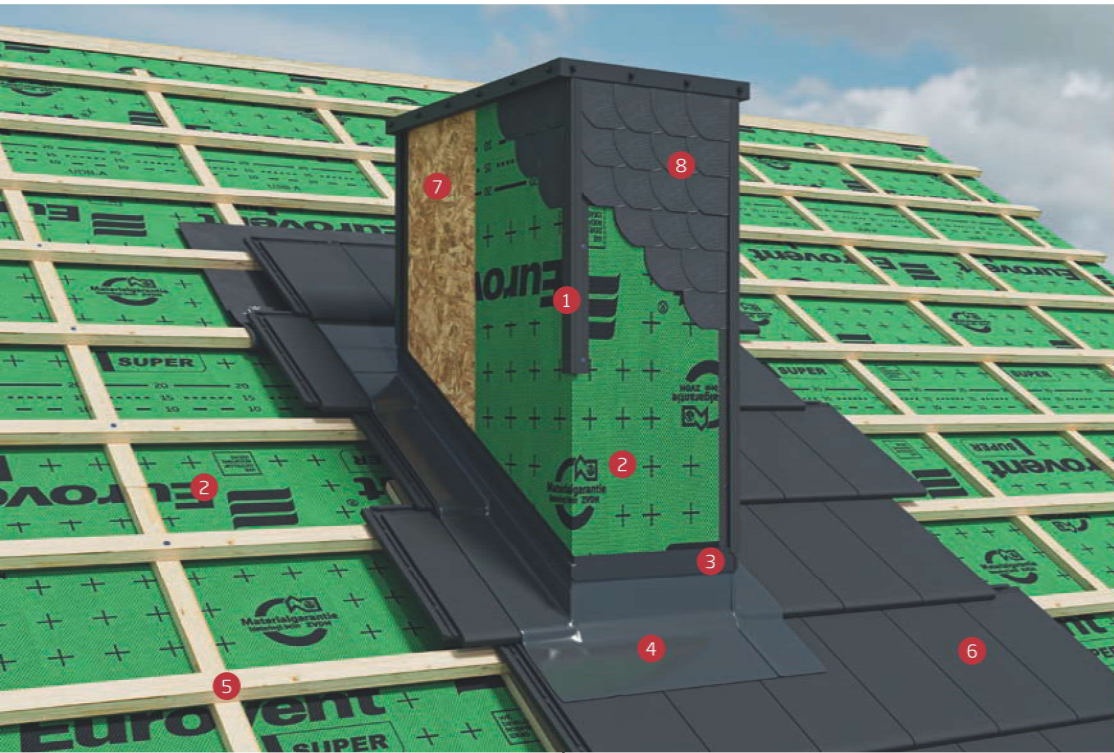
- Chimney strip made of polyvinyl chloride.
- Used as a finishing strip for the corners of the chimney and facades covered with natural slate.
- It provides an aesthetic finish to the chimney.

 13,6 mm x 2,5 m









 RAL: 8004;  
9005; 8019

 10 pcs.

 800 pcs.



### › Application of a Eurovent® FLEX CORNER

- |  |  |  |   |
|--|--|--|---|
|  Eurovent® FLEX CORNER |  Eurovent® FLEX LINE    |  Batten     |  OSB board     |
|  Eurovent® SUPER       |  Eurovent® FLEX FLAT PB |  Roof cover |  Natural slate |



## › Clips

Clips for ceramic and concrete roof tiles installation enabling their tight arrangement and guaranteeing safe roof for long years.





## CLIP NORD-2

- Roof tile clip is made of hook-profiled steel wire on one side and tipped with rectangular plate crafted from galvanized steel tape.
- Fixed by nailing its sharp tip directly into the roof construction – then by fastening the plate to the side edge of the roof tile.



65 mm x 20 mm x 15 mm | 100 pcs. | 96 000 pcs.



## CLIP NORD-3

- Roof tile clip made of hook-profiled steel wire on one side and tipped with a half-round plate crafted from galvanized steel tape.
- Fixed by nailing its sharp tip directly into the roof construction – then by fastening the plate to the side edge of the roof tile.



65 mm x 20 mm x 15 mm | 100 pcs. | 90 000 pcs.

## Wind Zones

The Polish Standard PN-EN 1991-1-4 defines a division of load zones with the buildings construction wind. At present, there are no specific rules concerning the installation of roof tiles on a roof slope, for the reason of side and suction wind forces.



Based on the practical roofing art, the following recommendations have been adopted, as far as the installation of roof tiles with the use of clips is concerned.

Zone 1		Every 4 roof tiles
Zone 2		Every 3 roof tiles
Zone 3		Every 2 roof tiles


In case of a roof slope angle bigger than 55°, it is recommended to install every single roof tile with the use of a clip.

Independently on the wind zone, extreme, ridge, eaves roof tiles, as well as the ones around a chimney, roof windows and in valleys – must be installed with the use of clips.




## CLIP U

- Roof tile clip made of profiled galvanized steel wire
- Fixed by nailing its sharp tip directly into the roof construction and fastening the other tip to the edge of the roof tile.
- Firm and durable protection of roof tiles.

 45 mm x 33 mm x 25 mm  
55 mm x 40 mm x 40 mm

 100 pcs.

 96 000 pcs.



## CLIP J

- Roof tile clip made of J-shaped galvanized steel wire for ceramic roof tiles installation.
- Fixed by fastening one of its tips to the side-lock or both to the side and top-locks, and its other tip to the batten.
- Firm and durable protection of roof tiles.



200 mm x 50 mm x 30 mm | 100 pcs. | 50 000 pcs.  
200 mm x 40 mm x 30 mm  
200 mm x 30 mm x 30 mm



## CLIP J2

- Roof tile clip made of J-shaped galvanized steel wire for ceramic roof tiles installation
- Fixed by fastening its tips to the side-locks of two neighboring roof tiles.
- Firm and durable protection of roof tiles.



320 mm x 15 mm x 15 mm | 100 pcs. | 12 000 pcs.



## CLIP DC-6

- Universal roof tile clip made of galvanized steel wire for ceramic roof tiles installation.
- Fixed by fastening one of its tips to the side-lock or both, side and top-locks.
- Firm and durable protection of roof tiles.



200 mm x 40 mm x 40 mm | 100 pcs. | 50 000 pcs.



## CLIP DC-9

- Universal side-clip made of galvanized steel wire for cement and ceramic roof tiles installation.
- Fixed by nailing its sharp tip directly into the roof construction and fastening the profiled tip to the side-lock of the roof tile.



65 mm x 48 mm;  
75 mm x 48 mm;  
85 mm x 65 mm;  
75 mm x 65 mm; | 100 pcs. | 32 000 pcs.



## CLIP BIBER

- Roof tile clip made of steel galvanized tape for fastening beaver-tail ceramic roof tiles.
- Firm and durable protection of roof tiles.
- Fixed by fastening one of its tips to the side-edge of the roof tile and the other tip to the batten.



42 mm x 90 mm x 64 mm | 100 pcs. | 4 500 pcs.



## CLIP C

- Roof tile clip for use with cut roof tiles.
- Manufactured of a steel wire and a metal bracket made of stainless steel.
- Fixed by mounting the metal bracket to the edge of the cut roof tile and fastening the steel wire to the nail in the roof structure.



20 mm x 30 mm x 400 mm | 25 pcs. | 16 000 pcs.



## › Eaves

Ventilating elements for the slope roof eaves and ventilating slots protecting against birds, rodents and drifted leaves.

## INSULATING FOILS

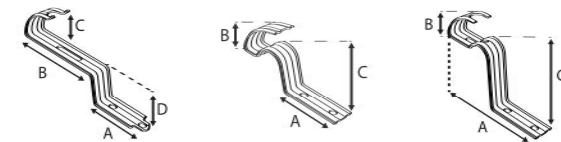
PRODUCT	SILVER N	STANDARD ALU	DB	BAU
Page	62	62	63	63
Vapour-permeability	ca. 1 g/m <sup>2</sup> /24h	ca. 0,1 g/m <sup>2</sup> /24h	-	-
Reaction to fire	F	F; B-s1, d0**	F	F
Temperature resistance	-40°C to +80°C	-40°C to +80°C	-40°C to +80°C	-40°C to +80°C
Sd value	ca.40 m	ca.150 m	ca. 50 m	ca. 50 m
UV resistance	2 months***	2 months***	2 months***	2 months***
Mass per unit	ca. 90 g/m <sup>2</sup>	ca. 90; ca. 110; ca. 130; ca. 150; ca. 180 g/m <sup>2</sup>	-	-
Water-tightness	W1	W1	Waterproof at 2 Kpa	Waterproof at 2 Kpa
Tensile strength MD/CD	≥ 410/390 N/50mm	≥ 180/90 N/50mm	min. 150/min. 150 %	min. 150/min. 150 %
Tear resistance MD/CD	≥ 460/470 N	≥ 70/65 N	≥ 40/40 N	≥ 40/40 N
Roll size	1,5 m x 50 mm = 75 m <sup>2</sup>	1,5 m x 50 mm = 75 m <sup>2</sup>	2 m x 50 mm = 100 m <sup>2</sup>	4 x 25; 5 m x 20 m = 100 m <sup>2</sup>
Pallet	120 rolls	150; 180 g/m <sup>2</sup> : 60 rolls other: 120 rolls	80 rolls	80 rolls

PRODUCT	ALUFLOOR
Page	64
Vapour-permeability	ca. 0,6 g/m <sup>2</sup> /24h
Reaction to fire	F
Temperature resistance	-40°C to +80°C
Sd value	ca. 70 m
UV resistance	2 months***
Mass per unit	ca. 110 g/m <sup>2</sup>
Water-tightness	Waterproof at 2 Kpa
Roll size	1,0 m x 50 mm = 50 m <sup>2</sup>
Pallet	120 rolls

## RIDGE

PRODUCT	ROLL STANDARD	ROLL GEO	ROLL SUPER	ROLL ECCO
Page	69	69	69	69
Roll size	240 mm; 310 mm; 390 mm x 5 mm	180 mm; 240 mm; 310 mm; 390 mm x 5 mm	240 mm**; 310 mm; 390 mm x 5 mm	180 mm; 240 mm; 310 mm; 390 mm x 5 mm
RAL colour	8004; 8019; 9005; 7021; 8015; 3011; 8017; copper-CU**	8004; 8019; 9005; 7021; 8015; 3011; 8017; copper-CU**	8004; 8019; 9005; 7021; 8015; 3011; 8017; copper-CU**	8004; 8019; 9005; 7021; 8015; 3011; 8017
Box	4 rolls	4 rolls	4 rolls	4 rolls
Pallet	240mm: 168 rolls 310 mm: 144 rolls 390 mm: 100 rolls	180 mm: 192 rolls 240mm: 168 rolls 310 mm: 144 rolls 390 mm: 100 rolls	240mm: 168 rolls 310 mm: 144 rolls 390 mm: 100 rolls	180 mm: 192 rolls 240mm: 168 rolls 310 mm: 144 rolls 390 mm: 100 rolls

PRODUCT	ROLL TEC	ROLL METAL	ROLL METAL NEW
Page	70	70	70
Roll size	310 mm; 390 mm x 5 mm	300 mm; 400 mm x 5 mm	300 mm; 400 mm x 5 mm
RAL colour	8004; 8019; 9005; 7021; 8017	8004; 8019; 9005; 7021; 8015; 3011; 8017; copper-CU**	8004; 8019; 9005; 7021; 8015; 3011; 8017; copper-CU**
Box	4 rolls	4 rolls	4 rolls
Pallet	310 mm: 144 rolls 390 mm: 100 rolls	300 mm: 144 rolls 400 mm: 100 rolls	300 mm: 144 rolls 400 mm: 100 rolls



PRODUCT	GRIP UNI	GRIP CREATON	GRIP RÖBEN
Page	70	71	71
Model	470/53	470/24	470/163
Sizes	A: 48 mm B: 65 mm C: 23 mm D: 22 mm	A: 43 mm B: 28 mm C: 25 mm	A: 94 mm B: 20 mm C: 48 mm
RAL colour	8004; 8017; 3009; 7021	8004; 8017; 7021	8004; 8017; 7021; 9005
Box	50 pcs.	50 pcs.	50 pcs.
Pallet	10 000 pcs.	10 000 pcs.	10 000 pcs.

PRODUCT	CANTILEVER G	CANTILEVER B	CANTILEVER N	CANTILEVER L
Page	72	72	72	72
Width of cantilever	40 mm; 50 mm	40 mm; 50 mm	40 mm; 50 mm	40 mm; 50 mm
Height	180 mm; 210 mm; 230 mm; 260 mm; 310 mm**	210 mm	180 mm; 260 mm; 320 mm	205/225 mm
Box	100 pcs.	100 pcs.	100 pcs.	100 pcs.
Pallet	3 200 pcs.	3 200 pcs.	3 200 pcs.	3 200 pcs.

PRODUCT	AIR FLEX S	BITUVENT	DECK
Page	74	75	75
Sizes	75 mm x 1 m	290 mm x 1 m	165 mm x 220 mm
RAL colour	8004; 8019; 9005; 7021; 8015; 3013	9005	8004; 8019; 9005
Box	20 pcs.	10 pcs.	50 pcs.
Pallet	200 pcs.	100 pcs.	12 250 pcs.

\* limited time exposure \*\* on order

\*\*\* UV stabilization according to artificial ageing performed in the laboratory related to the conditions of average sun exposure for the climate in Central Europe.

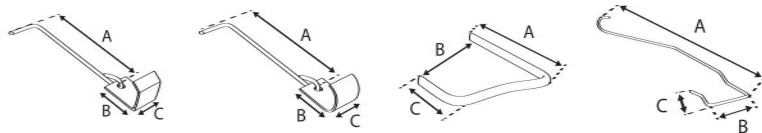
## CHIMNEY

PRODUCT	FLEX STANDARD	FLEX 3D	FLEX 4D	FLEX STANDARD PB
Page	79	79	79	79
Roll size	300 mm x 5 rm	300 mm x 5 rm	300 mm x 5 rm	300 mm x 5 rm
RAL colour	8004; 8019; 9005; 7021; 8015; 3011; 8017; copper-CU**	8004; 8019; 9005; 7021; 8015; 3011; 8017; copper-CU**	8004; 8019; 9005; 7021; 8015; 3011; 8017; copper-CU**	8004; 8019; 9005; 7021; 8017
Box	1 roll	1 roll	1 roll	1 roll
Pallet	144 rolls	144 rolls	144 rolls	72 rolls

PRODUCT	FLEX SUPER PB	FLEX FLAT PB	FLEX EPDM	FLEX EPDM Q
Page	81	81	82	82
Roll size	300 mm x 5 rm	300 mm x 5 rm	300 mm x 5 rm	300 mm x 5 rm
RAL colour	8004; 8017; 8019; 9005; 7021; 8015	8004; 8017; 8019; 9005; 7021; 8015	8004; 8017; 9005; 7024	8004; 8017; 9005; 7024
Box	1 roll	1 roll	1 roll	1 roll
Pallet	60 rolls	60 rolls	144 rolls	144 rolls

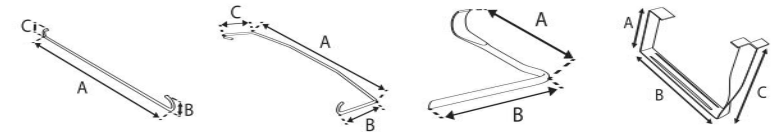
PRODUCT	FLEXBIT	FLEX LINE	FLEX CORNER
Page	82	82	84
Size	100 mm; 150 mm; 300 mm x 10 rm	80 mm x 2 rm	13,6 mm x 2,5 m
RAL colour	Aluminum; RAL: 8004; 8017; 3004; 6020; 7016	8004; 8019; 9005; 7021; 8017	8004; 9005; 8019
Box	100 mm: 3 rolls 150 mm: 2 rolls 300 mm: 1 roll	20 pcs.	10 pcs.
Pallet	100 mm: 288 rolls 150 mm: 192 rolls 300 mm: 96 rolls	2 000 pcs.	800 pcs.

## CLIPS

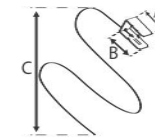


PRODUCT	CLIP NORD-2	CLIP NORD-3	CLIP U	CLIP J
Page	86	86	87	87
Type of roof tile	cement tile; ceramic tile	cement tile; ceramic tile	cement tile; ceramic tile	ceramic tile
Size	A: 65 mm B: 20 mm C: 15 mm	A: 65 mm B: 20 mm C: 15 mm	small: A: 45 mm B: 33 mm C: 25 mm  big: A: 55 mm B: 40 mm C: 40 mm	A: 200 mm B: 50 mm C: 30 mm;  A: 200 mm B: 40 mm C: 30 mm;  A: 200 mm B: 30 mm C: 30 mm
Box	100 pcs.	100 pcs.	100 pcs.	100 pcs.
Pallet	96 000 pcs.	90 000 pcs.	96 000 pcs.	50 000 pcs.

## CLIPS



PRODUCT	CLIP J2	CLIP DC-6	CLIP DC-9	CLIP BIBER
Page	87	88	88	88
Type of roof tile	ceramic tile	ceramic tile	cement tile; ceramic tile	ceramic tile - beaver-tail tiles
Size	A: 320 mm B: 15 mm C: 15 mm	A: 200 mm B: 40 mm C: 40 mm	A: 65 mm B: 48 mm A: 75 mm B: 48 mm A: 85 mm B: 65 mm A: 75 mm B: 65 mm	A: 42 mm B: 90 mm C: 64 mm
Box	100 pcs.	100 pcs.	100 pcs.	100 pcs.
Pallet	12 000 pcs.	50 000 pcs.	32 000 pcs.	4 500 pcs.



PRODUCT	CLIP C
Page	88
Type of roof tile	cut tiles
Size	A: 20 mm B: 30 mm C: 400 mm
Box	25 pcs.
Pallet	16 000 pcs.

## EAVES

PRODUCT	COMB X	COMB VENTI	GRATE VENTI	EAVES GRATE
Page	90	91	91	92
Size	60 mm; 80 mm; 100 mm x 1 rm	85 mm x 1 rm	32 mm x 1 rm	50 mm; 80 mm; 100 mm x 5 rm; BOX: 80 mm; 100 x 60 rm
RAL colour	8004; 8019; 9005	8004; 8019; 9005	8004; 8019; 9005	8004; 8019; 9005
Box	60 mm: 300 pcs. other: 50 pcs.	50 pcs.	100 pcs.	50 mm: 48 rolls other: 24 rolls BOX: 1 roll
Pallet	60 mm: 6 000 pcs. 80 mm: 4 000 pcs. 80 mm: 2 100 pcs.	1 000 pcs.	1 000 pcs.	50 mm: 1440 rolls 80; 100 mm: 840 rolls BOX: 54 rolls

PRODUCT	EAVES PLANK	EAVES GRATE ALU	EAVES GRATE RAL
Page	92	92	92
Size	45 mm x 110 mm x 2 rm 75 mm x 120 mm x 2 rm	BOX: 100 mm x 60 rm	BOX: 100 mm x 25 rm
RAL colour	8004; 8019; 9005; 7021; 8015; 3011; 8017	aluminum	7016/8017
Box	20 pcs.	1 roll	1 roll
Pallet	800 pcs.	54 rolls	80 rolls