



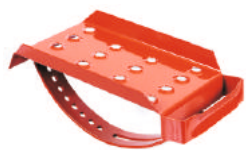
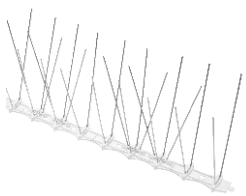
CATALOGUE 2016

**TOOLCO**<sup>®</sup>  
roof system  
[www.toolco.pl](http://www.toolco.pl)

ROOF ACCESSORIES



**TOOLCO**<sup>®</sup>  
roof system  
ROOF ACCESSORIES



## ON THE MARKET Since 1985

TOOLCO has almost 30 years of experience in production of innovative products from wire steel and tinplate for clients from Europe, Asia and North America. Modern technologies, the highest standards of service and excellent quality materials help us to provide products that perfectly match the requirements of our clients.

The excellent knowledge of market needs, many years of experience and growing technological capabilities have led us to establish our own brand of roof accessories - TOOLCO ROOFSYSTEM. We offer products that are made of the highest quality materials in different sizes and colours from RAL palette.

### TRUSTWORTHY BRAND

Our mission is to provide products that perfectly match the needs and requirements of customers. We build long-term relationships with our clients on mutual trust, the highest standards of service, meeting deadlines and competitive prices.

### QUALITY BASED ON EXPERIENCE

The confirmation of reliability and professionalism is our Quality Management System based on ISO 9001:2008 and implemented by each TOOLCO employee. The management of the company ensures the constant improvement of the system. We have also acquired technical approvals from the Building Technique Institute.

### ADVANCED TECHNOLOGICAL FACILITIES

We have professionally equipped production center in Bialystok and modern production branch in Monki. We care about the continual development of technological possibilities. Our staff regularly improves their qualifications.

## Why TOOLCO?

1985

many years of experience in the industry



wide range of products



clients from all over the world



modern technical facilities



polish capital



the highest European quality of products



continual development of technology



competitive trading conditions



individual approach to each client



certificates and approvals



expert advice

We invite you to cooperate,

CEO of the company

[www.toolco.pl](http://www.toolco.pl)

# QUALITY

with no compromise...



TOOLCO company introduced the Quality Management System based on ISO 9001:2008 and since 2000 has been constantly improving it. Successively acquired certificates are the proof of our credibility and help building the image of a responsible partner, oriented on pro-quality activities and continuous development.



FACTORY  
PRODUCTION  
CONTROL

Expanding the activities our company introduced the Factory Production Control. It's purpose is to ensure the stability of production and guarantee that the products always have the same parameters, consistent with the reference documents.



TOOLCO acquired the Technical Approval on „Roof Accessories” as a result of approval procedure of the Institute of Building Technology in Warsaw. It confirms the suitability of the products for use in construction industry. During the start-up and implementation of new products we update the Technical Approval for new roofing accessories. Taking care of the image of our company and reaching out for the customer we are gradually expanding the scope of research on our products. In addition, we examine the roofing accessories for corrosion resistance in salt spray chamber, as well as the resistance of powder paint to the artificial radiation xenon lamp (UV). All these tests are carried out at the Department of Building Materials ITB.

# Selected rules for business cooperation with partners engaged in economic activities

1. The seller products the cooperation on the basis of individual orders with the companies that have accepted the current General Sale and Delivery Terms (GSDT).
2. The product price will be defined according to the seller's price list with the date of confirmation of order. All the prices are net and there must also be added statutory valid amount of Value Added Tax (VAT).
3. TOOLCO company incurs the transport costs in Poland when the order is more than 700 PLN net.
4. Orders are executed within 48 hours (except for Saturdays, Sundays and public holidays). The goods are sent via the shipping company and delivered to the customer from Monday to Friday.
5. Non-standard orders (non-standard colours, large amounts) - the lead time is individually determined in consultation with the client (by the phone or e-mail).
6. Orders should be sent electronically via e-mail to [roofsystem@toolco.pl](mailto:roofsystem@toolco.pl) or sales representatives e-mails.
7. In the case of goods delivery delay the customer will be informed by the sales department by phone or via e-mail. TOOLCO does not bear the responsibility for the delay for other reasons than through the seller's fault.
8. The sales department operates from Monday to Friday from 7 AM till 4 PM.  
  
Contact:  
tel. +48 85 664 2064  
tel. +48 508 403 426  
e-mail: [roofsystem@toolco.pl](mailto:roofsystem@toolco.pl)  
internet: [www.toolco.pl](http://www.toolco.pl)
9. The buyer is obliged to make the quality acceptance of goods which were delivered or received from the seller within 3 working days.
10. In the case when the subject of complaint is goods damage during transport and the parcel contains the signs of damage or opening at the time of receipt, the condition of the claim admittance is the customer's note on the bill of landing or landing or a separate note, which must also be confirmed by the courier from the shipping company.
11. The seller does not foresee the possibility to return or exchange purchased and delivered to the customer goods (without giving a reason).
12. The buyer is obliged to qualitative reception of the goods delivered or picked from the seller within 3 working days.
13. Seller's liability on account of merchantability is excluded.
14. The seller reserves the right to ownership of the sold goods.
15. Only Polish law is followed with the contracts.

**These rules are the basics of GSDT and are valid along with other terms of GSDT. Information about the present products' catalogue and current GSDT may be found on the website [www.roofsystem.toolco.pl](http://www.roofsystem.toolco.pl). Placing an order indicates that the client acquainted himself with GSDT and accepts it.**



## Ridge area accessories



## Chimney accessories



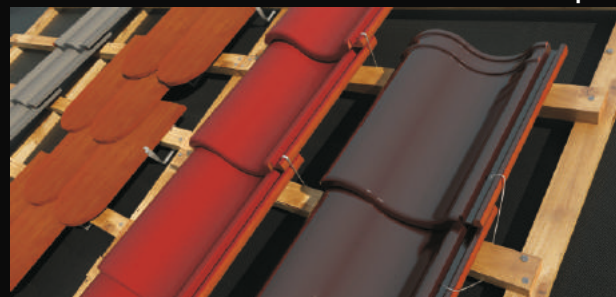
## Roof valley



## Eaves accessories



## Roof tiles clips



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# Roof walkways



# Snow protection

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## Snow protection

### PIPE SYSTEM



## Protection against birds

### BIRDCONTROL SYSTEM



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INOX	Snow guard pipe	NEW	70
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## Lightning protection system

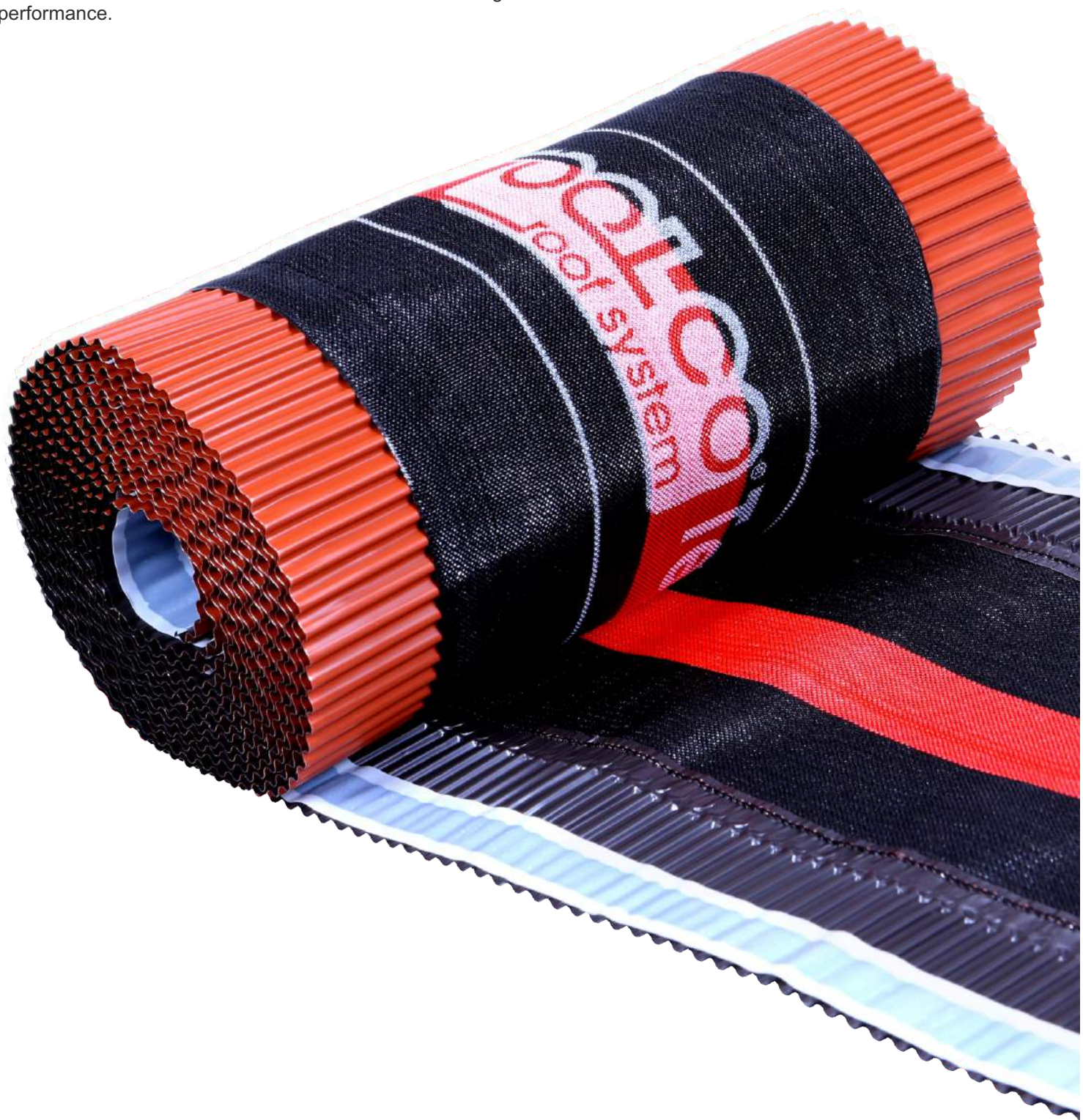


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# ridge area accessories

Accessories mounted on the main ridge and ridge corners. They are characterized by the proper collection and absorption of the vapour, as well as protecting against water from outside. The products are made of high quality materials resistant to different weather conditions and UV radiation. This allows for long-term performance.

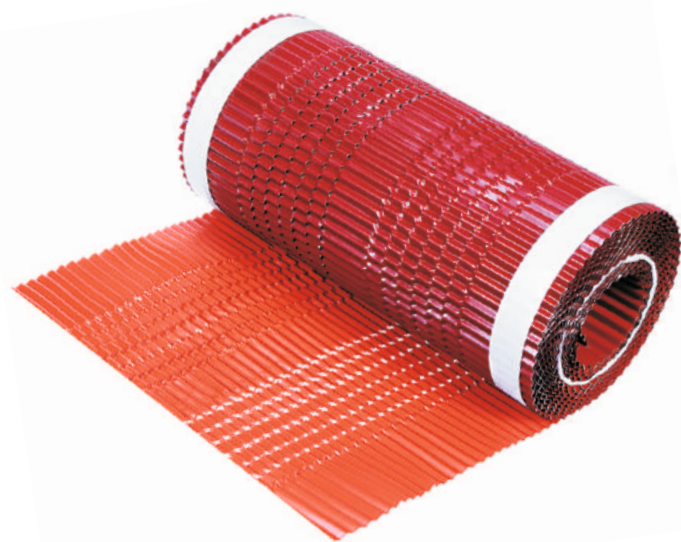






## RIDGE TAPE MICRO-VENT AL

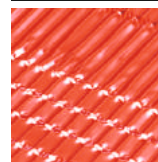
### VENTILATES AND INSULATES THE RIDGE AREA AND SLOPING ROOFS RIDGES



0,14 mm aluminum coated with polyester paint.  
Micro-holes provide optimal ventilation.

Butyl 20 mm wide and 1,5 mm thick.

#### MATERIAL



TECHNICAL DATA SHEET

Weather conditions, aging process, UV radiation, mechanical damages.

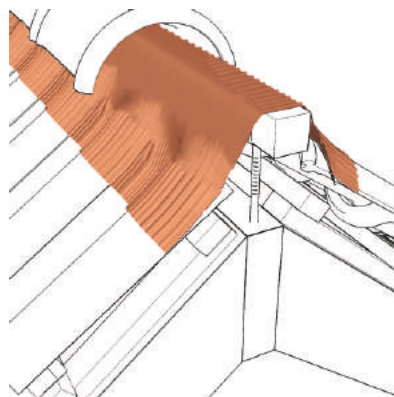
#### RESISTANCE

Aluminum corrugated in proper way allows mounting on any type of roofing. Micro-holes protect against water getting inside. The high quality butyl has excellent adhesive parameters. The ridge tape maintains the appropriate parameters in the temperature between -40° C and + 90° C.

#### ADVANTAGES

Possible from +5° C.

#### INSTALLATION



black	brown	chestnut	brick red	anthracite	cherry
RAL 9005	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 3004

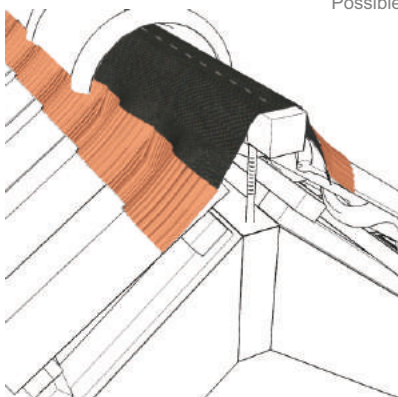
Width (mm)	Length (mm)	Package (pcs.)	Pallet quantity (rolls/rm)	Product code
225	5000	4	320/1600	040122...(RAL)
300	5000	4	240/1200	040130...(RAL)



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## VENTILATES AND INSULATES THE RIDGE AREA AND SLOPING ROOFS RIDGES

<b>MATERIAL</b>	<p>0,14 mm aluminium coated with polyester paint. Butyl 20 mm wide and 1,5 mm thick.</p> <p>PP + geotextile with UV stabilization.</p> <p>Fabrick glued and stapled with aluminum.</p>
<b>RESISTANCE</b>	Weather conditions, aging process, UV radiation, mechanical damages.
<b>ADVANTAGES</b>	<p>Very durable fabrick resistant to UV radiation.</p> <p>Aluminum corrugated in proper way allows mounting on any type of roofing. The high quality butyl has excellent adhesive parameters. The ridge tape maintains the appropriate parameters in the the temperature between -40°C and +90°C.</p>
<b>INSTALLATION</b>	Possible from +5° C.

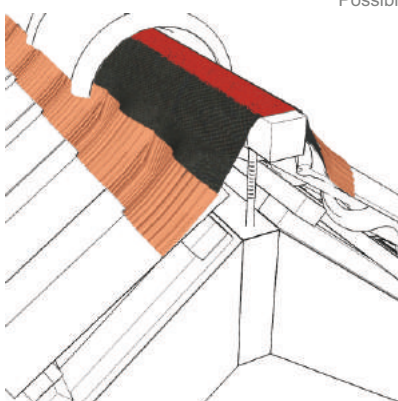


black	brown	chestnut	brick red	anthracite	green	cherry
RAL 9005	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 6020	RAL 3004

Width (mm)	Length (mm)	Package (pcs.)	Pallet quantity (rolls/rm)	Product code
150	5000	8	480/2400	040215...(RAL)
200	5000	4	320/1600	040220...(RAL)
230	5000	4	320/1600	040223...(RAL)
300	5000	4	200/1000	040230...(RAL)

## FABRIC WITH INCREASED DURABILITY PARAMETERS, PERFECTLY VENTILATES AND INSULATES THE RIDGE AREA AND SLOPING ROOFS RIDGES. USED FOR MOST TYPES OF ROOFING

<b>MATERIAL</b>	<p>0,14 mm aluminum coated with polyester paint. Butyl 20 mm wide and 1,5 mm thick.</p> <p>PP with UV stabilization.</p> <p>Fabrick of increased permeability, glued and stapled with aluminum.</p>
<b>RESISTANCE</b>	Weather conditions, aging process, UV radiation, mechanical damages.
<b>ADVANTAGES</b>	<p>High quality, very durable fabrick resistant to UV radiation.</p> <p>Aluminum corrugated in proper way allows mounting on any type of roofing. The high quality butyl has excellent adhesive parameters. The ridge tape maintains the appropriate parameters in the temperature between -40° C and + 90° C.</p>
<b>INSTALLATION</b>	Possible from +5° C.



black	brown	chestnut	brick red	anthracite	green	cherry
RAL 9005	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 6020	RAL 3004

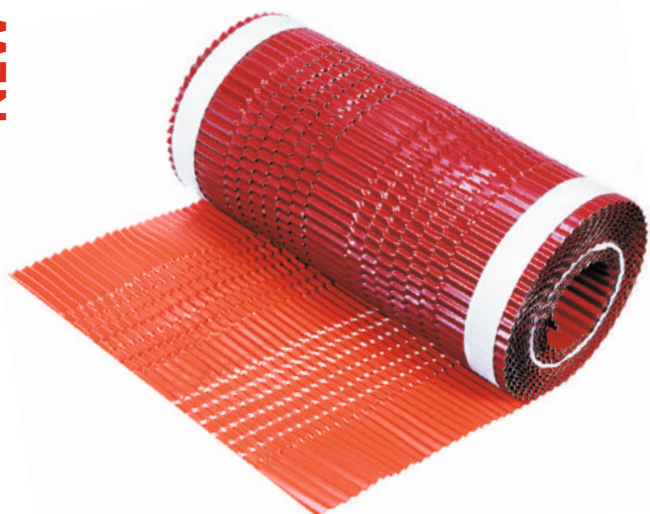
Width (mm)	Length (mm)	Package (pcs.)	Pallet quantity (rolls/rm)	Product code
300	5000	4	240/1200	040430...(RAL)



# RIDGE TAPE MICRO-VENT PB

## THE END OF THE RIDGE

NEW



black	brown	brick red	anthracite
RAL 9005	RAL 8017	RAL 8004	RAL 7016

Width (mm)	Length (mm)	Package (pcs.)	Pallet quantity (rolls/rm)	Product code
300	5000	4	240/1600	040630...(RAL)

### MATERIAL

Lead secured with tin coated with polyester paint.  
Micro-holes provide optimal ventilation, 130% pleated.

High-quality butyl 20 mm wide and 1,5 mm thick.



TECHNICAL DATA SHEET

### RESISTANCE

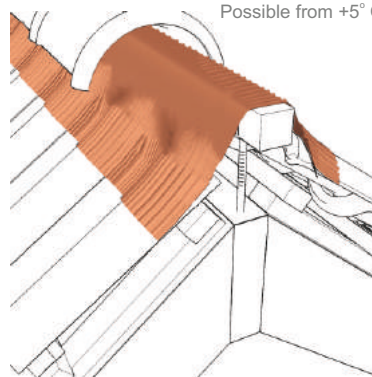
Weather conditions, aging process, UV radiation, mechanical damages.

### ADVANTAGES

Corrugated lead sheet allows installation on every type of roofing. Micro-holes protect against water getting inside. High-quality butyl has excellent adhesive parameters. The ridge tape maintains the appropriate parameters in the temperature between -40° C and + 90° C.

### INSTALLATION

Possible from +5° C.



# RIDGE TAPE TECH-VENT PB

## VENTILATES AND INSULATES THE RIDGE AREA AND SLOPING ROOFS RIDGES

NEW



black	brown	brick red	anthracite
RAL 9005	RAL 8017	RAL 8004	RAL 7016

Width (mm)	Length (mm)	Package (pcs.)	Pallet quantity (rolls/rm)	Product code
300	5000	4	240/1200	040730...(RAL)

### MATERIAL

Lead secured with tin coated with polyester paint.  
Butyl 20 mm wide, 1,5 mm thick.

Polypropylene with UV stabilization.

Fabric with significantly increased strength.  
glued and stapled with lead.



TECHNICAL DATA SHEET

### RESISTANCE

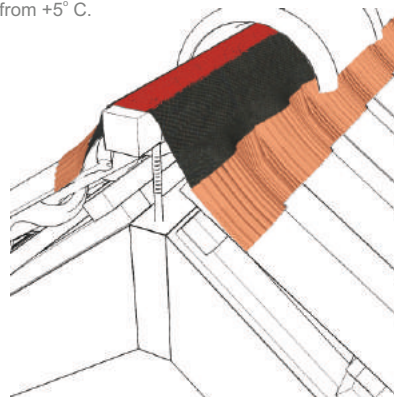
Weather conditions, aging process, UV radiation, mechanical damages.

### ADVANTAGES

High-quality, resistant to UV radiation. Corrugated lead sheet allows installation on every type of roofing. High-quality butyl has excellent adhesive parameters. The ridge tape maintains the appropriate parameters in the temperature between -40° C and + 90° C.

### INSTALLATION

Possible from +5° C.

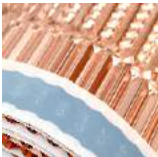




VENTILATES AND INSULATES THE RIDGE AREA AND SLOPING ROOFS RIDGES

RIDGE TAPE MICRO-VENT CU

MATERIAL



Copper.  
Perforation gives high flexibility and inlimited shape possibilities.  
Glued high-quality butyl has excellent adhesive parameters.

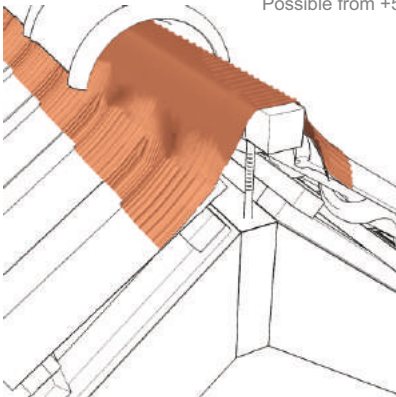
RESISTANCE

Weather conditions, copper is rustproof and burst resistant.

ADVANTAGES

High-quality and resistant to UV radiation. Corrugated copper sheets allows installation on every type of roofing. High-quality butyl has excellent adhesive parameters. The ridge tape maintains the appropriate parameters in the temperature between -40°C and +90°C.

INSTALLATION



Possible from +5° C.



NEW

copper

Width (mm)	Length (mm)	Package (pcs.)	Pallet quantity (rolls/rm)	Product code
300	5000	4	240/1200	040830

FABRIC WITH SIGNIFICANTLY INCREASED STRENGTH, VENTILATES AND INSULATES THE RIDGE AREA AND SLOPING ROOFS RIDGES. SUITABLE FOR MOST TYPE OF ROOFING.

RIDGE TAPE TECH-VENT CU

MATERIAL



Copper.  
Polypropylene with UV stabilization.  
Fabric with significantly increased strength, glued and stapled with lead.  
High-quality butyl has excellent adhesive parameters.

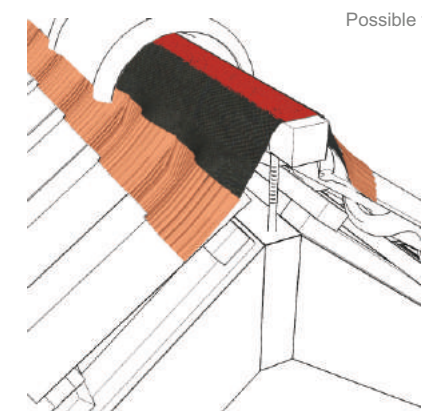
RESISTANCE

Weather conditions, copper is rustproof and burst resistant.

ADVANTAGES

High-quality and resistant to UV radiation. Corrugated copper sheet allows installation on every type of roofing. High-quality butyl has excellent adhesive parameters. The ridge tape maintains the appropriate parameters in the temperature between -40° C and + 90° C.

INSTALLATION



Possible from +5° C.



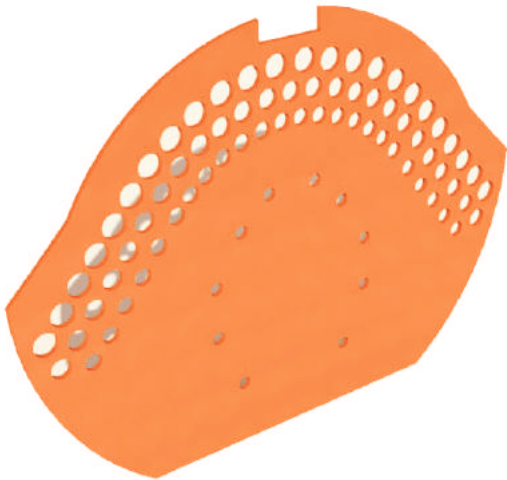
NEW

copper

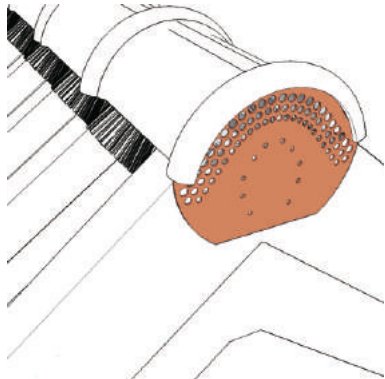
Width (mm)	Length (mm)	Package (pcs.)	Pallet quantity (rolls/rm)	Product code
300	5000	4	240/1200	040930...(RAL)

# RIDGE TILE END ALUMINUM

## THE END OF RIDGE OR HIP



black	brown	chestnut	brick red	anthracite	cherry
RAL 9005	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 3004
Coating		Package (pcs.)		Product code	
aluminum		10		040601...(RAL)	



MATERIAL
RESISTANCE
ADVANTAGES
INSTALLATION

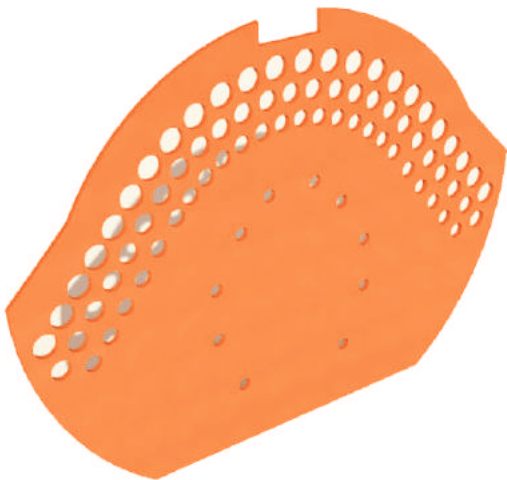
Aluminum coated with polyester paint.

Aluminum - resistant to corrosion, weather conditions, aging processes.

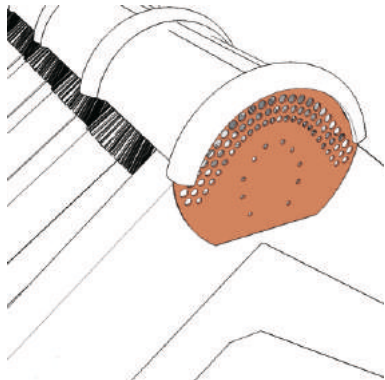
Additional roof ventilation. Aesthetic and durable ending of ridge or dorsum.

# RIDGE TILE END PCV

## THE END OF RIDGE OR HIP



black	brown	brick red
RAL 9005	RAL 8017	RAL 8004
Coating	Package (pcs.)	Product code
plastic material	10	040602...(RAL)



MATERIAL
RESISTANCE
ADVANTAGES
INSTALLATION

Dyed plastic material with UV stabilization.

Weather conditions, aging processes.

Additional roof ventilation. Aesthetic and durable ending.

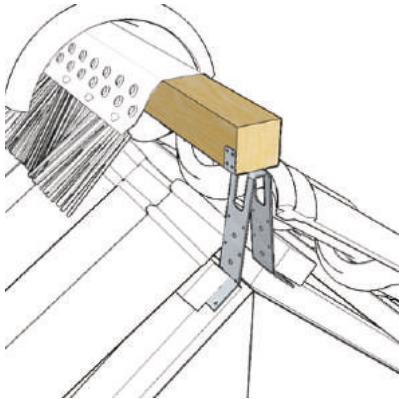
TECHNICAL DATA SHEET

TECHNICAL DATA SHEET

USED FOR INSTALLATION RIDGE OR HIP BATTEN

RIDGE BATTEN GRIP BL TYPE

MATERIAL	Galvanized steel sheet.
RESISTANCE	Weather conditions.
ADVANTAGES	Ensures the right height of batten and allows perfect leveling. Fast and easy installation.
INSTALLATION	

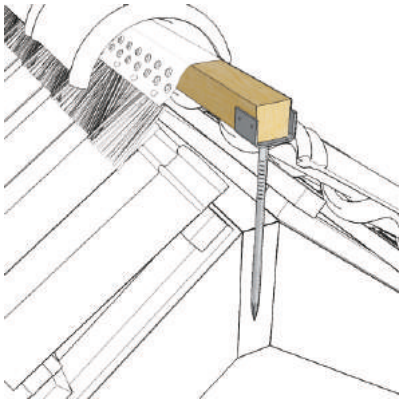


Bristle height (mm)	Length (mm)	Package (pcs.)	Pallet quantity (pack./pcs.)	Product code
40	191	50	108/5400	043040.0000
50	191	50	108/5400	043050.0000

USED FOR INSTALLING RIDGE OR HIP BATTEN

RIDGE BATTEN GRIP GW TYPE

MATERIAL	Galvanized steel sheet.
RESISTANCE	Weather conditions.
ADVANTAGES	Ensures the right height of batten and allows perfect leveling. Fast and ease installation. Sheet combined with a nail in welding technology.
INSTALLATION	



Batten(mm)	Length (mm)	Package (pcs.)	Pallet quantity (pack./pcs.)	Product code
40	180	50	117/5850	044018.0000
40	210	50	117/5850	044021.0000
40	230	50	90/4500	044023.0000
40	260	50	90/4500	044026.0000
40	310	50	72/3600	044031.0000
50	180	50	117/5850	045018.0000
50	210	50	117/5850	045021.0000
50	230	50	90/4500	045023.0000
50	260	50	90/4500	045026.0000
50	310	50	72/3600	045031.0000

# RIDGE VENT WITH BRUSH PCV

## RIDFE'S INSULATION AND VENTILATION ELEMENT



Plastic material. High quality bristles with UV stabilization.

### MATERIAL

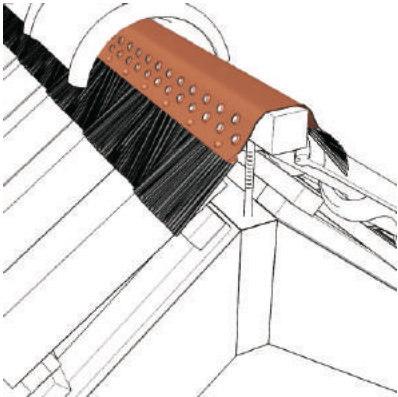
Weather conditions, aging processes.

### RESISTANCE

Great ridge ventilation. Vent insulates the outside part of the roof.  
Easy installation.

### ADVANTAGES

### INSTALLATION



TECHNICAL DATA SHEET

black	brown	chestnut	brick red	anthracite	cheery
RAL 9005	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 3004

Bristle height (mm)	Length (mm)	Package (pcs.)	Pallet quantity (pack./pcs.)	Product code
75	1000	20	10/200	040501...(RAL)



# chimney accessories

Chimney and other connections on the roof are the points which require professional insulation. High-quality elastic and innovative products made of the finest materials - resistant to weather conditions and UV radiation will enable long-term and tight connection. Flexible products allow you to apply at each type of roof covering, even in the most demanding vulnerable points.







## INSULATES CONNECTION BETWEEN ROOF AND CHIMNEY OR WALL

## CHIMNEY TAPE FORMAFLEX

TECHNICAL DATA SHEET

### MATERIAL



EPDM rubber and embedded aluminum lattice.



High-quality butyl glued over the entire width of the tape ensures excellent adhesion.

### RESISTANCE

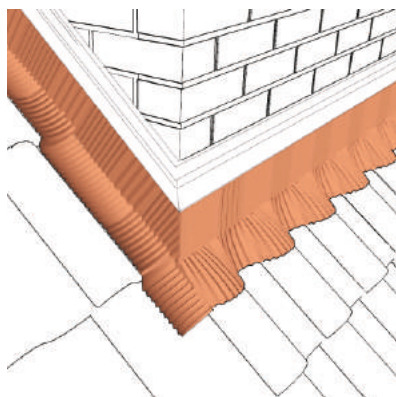
Weather condition, UV radiation, aging process, burst resistant.

### ADVANTAGES

Elastic tape - up to 25% extensibility, unlimited possibilities of use, excellent matches to irregular structure.

### INSTALLATION

Possible from +5° C.



**NEW**

black	brown	brick red	anthracite	gray
RAL 9005	RAL 8017	RAL 8004	RAL 7021	RAL 7037

Width (mm)	Length (mm)	Package (pcs.)	Pallet quantity (rolls/rm)	Product code
300	5000	1	100/500	060530...(RAL)

**TOOLCO**  
roof system

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# CHIMNEY TAPE FORMAFLEX 3D

## INSULATES CONNECTION BETWEEN ROOF AND CHIMNEY OR WALL

NEW



black	brown	brick red	anthracite	gray
RAL 9005	RAL 8017	RAL 8004	RAL 7021	RAL 7037

Width (mm)	Length (mm)	Package (pcs.)	Pallet quantity (rolls/rm)	Product code
300	5000	1	100/500	060804...(RAL)

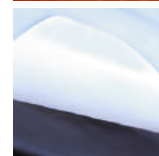
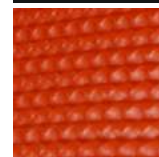
Perforation gives high flexibility and unlimited shape possibilities.

EPDM rubber and embedded aluminum lattice. High-quality butyl glued over the entire width of the tape ensures excellent adhesion.

Weather condition, UV radiation, aging process, burst resistant.

Elastic tape with unlimited possibilities of use, excellent matches to irregular structure.

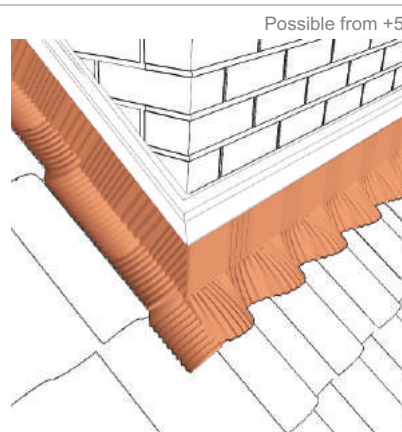
### MATERIAL



### RESISTANCE

### ADVANTAGES

### INSTALLATION



TECHNICAL DATA SHEET

# CHIMNEY TAPE UNIFLEX

## INSULATES CONNECTIONS BETWEEN ROOF AND CHIMNEY OR WALL



black	brown	brick red	anthracite
RAL 9005	RAL 8017	RAL 8004	RAL 7016

Width (mm)	Length (mm)	Package (pcs.)	Pallet quantity (rolls/rm)	Product code
300	5000	1	240/1200	060325...(RAL)

Aluminum coated with paints, reinforced with glued polyethylene film.

High-quality butyl glued over the entire width of the tape ensures excellent adhesion.

Innovative technology of aluminum creping with extensibility up to 25%.

Weather conditions, aging processes, UV radiation, resistant to cracking and tearing.

Very elastic band - up to 25% extensibility, unlimited possibilities of use, perfectly matches to irregular structures.

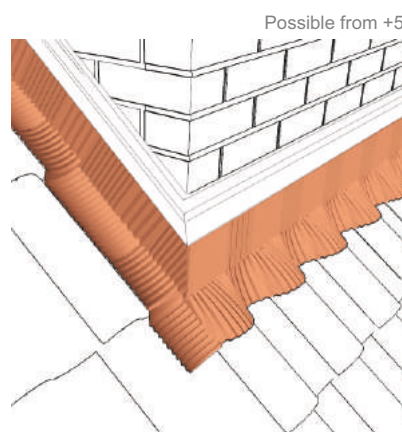
### MATERIAL



### RESISTANCE

### ADVANTAGES

### INSTALLATION

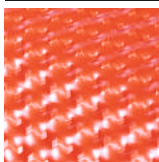


TECHNICAL DATA SHEET



## INSULATES CONNECTIONS BETWEEN ROOF AND CHIMNEY OR WALL

### MATERIAL



Aluminum coated with paints. High-quality butyl glued over the entire width of the tape ensure excellent adhesion.



3D design enables great flexibility and limitless possibilities of molding.

### RESISTANCE

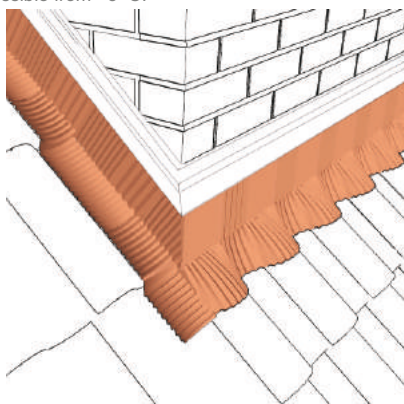
Weather conditions, aging processes, UV radiation, resistant to cracking.

### ADVANTAGES

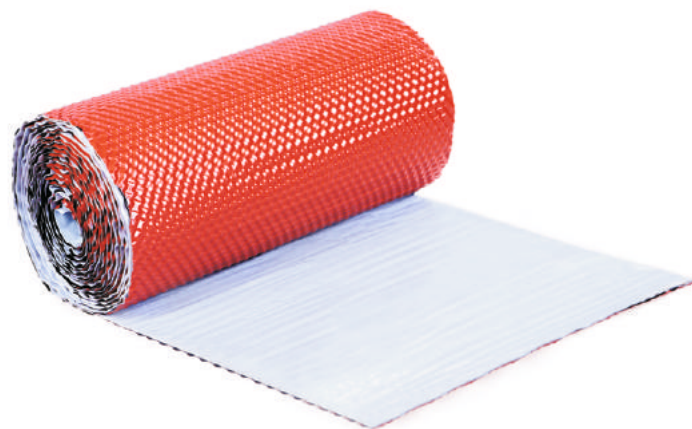
Very elastic band with unlimited possibilities of use, perfectly matches to irregular structures.

### INSTALLATION

Possible from +5° C.



## CHIMNEY TAPE ALUFORM 3D

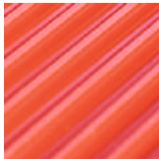


black	brown	chestnut	brick red	anthracite	cherry
RAL 9005	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 3004

Width (mm)	Length (mm)	Package (pcs.)	Pallet quantity (rolls/rm)	Product code
300	5000	4	240/1200	060230...(RAL)

## INSULATES CONNECTIONS BETWEEN ROOF AND CHIMNEY OR WALL

### MATERIAL



Aluminum coated with paints. High-quality butyl glued over the entire width of the tape ensures excellent adhesion.



Corrugated aluminum enables great flexibility and limitless possibilities of molding.

### RESISTANCE

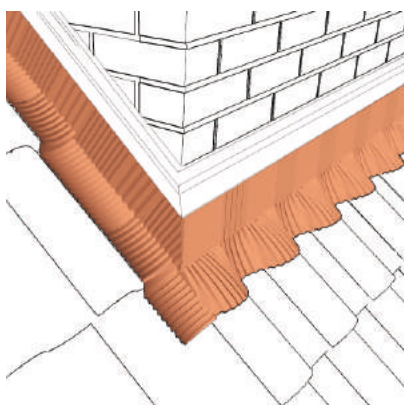
Weather conditions, aging processes, UV radiation, resistant to cracking.

### ADVANTAGES

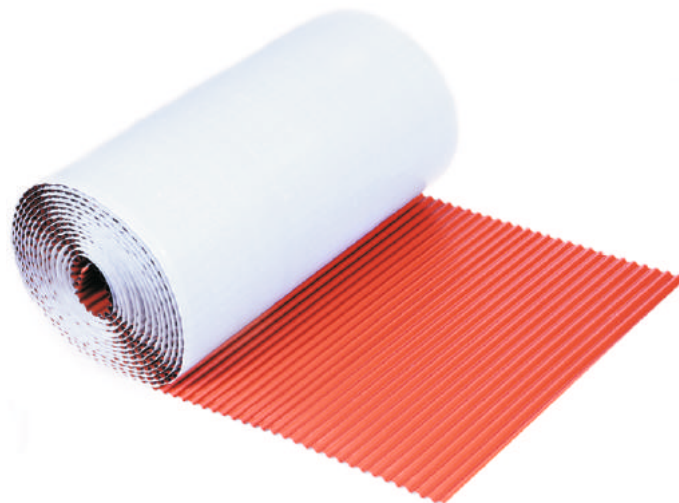
Very elastic band, perfectly matches to irregular structures.

### INSTALLATION

Possible from +5° C.



## CHIMNEY TAPE ALUFORM CLASSIC



black	brown	chestnut	brick red	anthracite	cherry
RAL 9005	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 3004

Width (mm)	Length (mm)	Package (pcs.)	Pallet quantity (rolls/rm)	Product code
300	5000	4	240/1200	060130...(RAL)



## CHIMNEY TAPE PB FLAT

NEW



black	brown	brick red	anthracite
RAL 9005	RAL 8017	RAL 8004	RAL 7016

Width/ thickness (mm)	Length (mm)	Package (pcs.)	Pallet quantity (rolls/rm)	Product code
300 / 0,3	5000	1	150/750	060603...(RAL)
300 / 0,5	5000	1	100/500	060605...(RAL)

### INSULATES CONNECTION BETWEEN ROOF AND CHIMNEY OR WALL

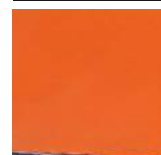
0,3 mm and 0,5 mm lead, secured with tin coated with polyester paint.

High-quality butyl glued over the entire width of the tape ensures excellent adhesion.

Weather conditions, UV radiation, aging process, burst resistant.

Elastic tape with unlimited possibilities of use, excellent matches to irregular structure.

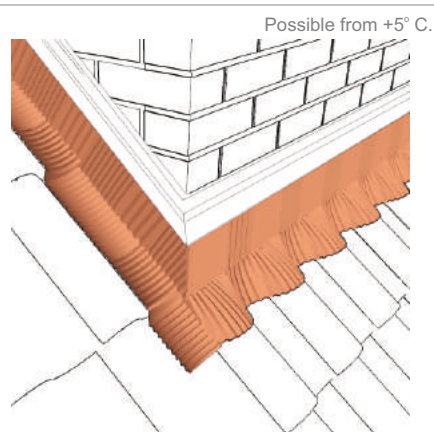
#### MATERIAL



#### RESISTANCE

#### ADVANTAGES

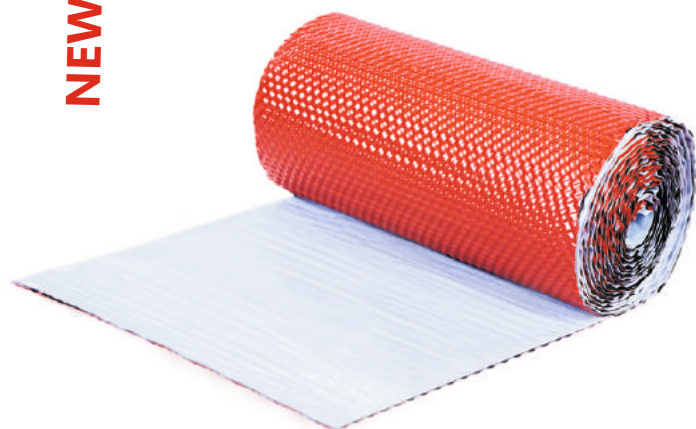
#### INSTALLATION



TECHNICAL DATA SHEET

## CHIMNEY TAPE PB 3D

NEW



black	brown	brick red	anthracite
RAL 9005	RAL 8017	RAL 8004	RAL 7016

Width/ thickness (mm)	Length (mm)	Package (pcs.)	Pallet quantity (rolls/rm)	Product code
300 / 0,3	5000	1	150/750	060703...(RAL)
300 / 0,5	5000	1	100/500	060705...(RAL)

### INSULATES CONNECTION BETWEEN ROOF AND CHIMNEY OR WALL

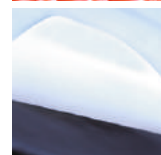
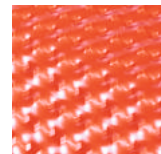
0,3 mm and 0,5 mm lead, secured with tin coated with polyester paint. Perforation gives high flexibility and unlimited shape possibilities.

High-quality butyl glued over the entire width of the tape ensures excellent adhesion.

Weather conditions, UV radiation, aging process, burst resistant.

Elastic tape with unlimited possibilities of use, excellent matches to irregular structure.

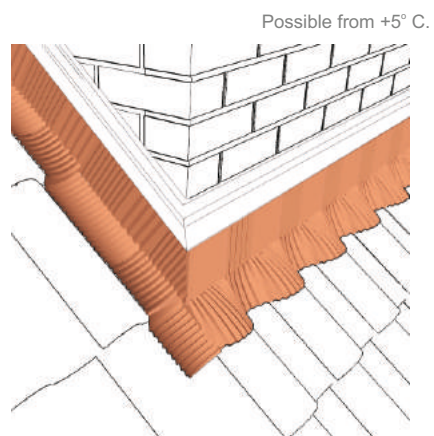
#### MATERIAL



#### RESISTANCE

#### ADVANTAGES

#### INSTALLATION

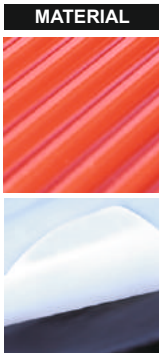


TECHNICAL DATA SHEET

INSULATES CONNECTION BETWEEN ROOF AND CHIMNEY OR WALL

CHIMNEY TAPE PB CLASSIC

NEW

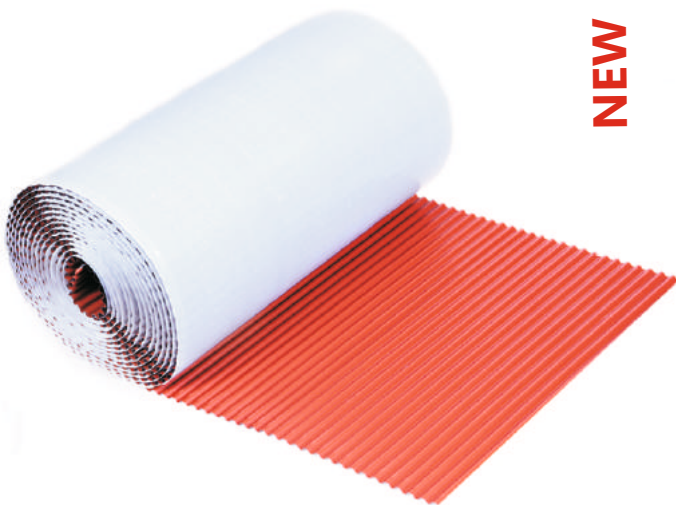
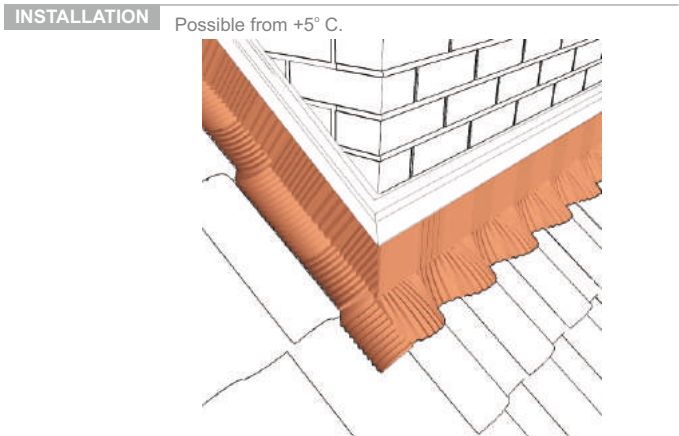


**MATERIAL**  
0,3 mm and 0,5 mm lead, secured with tin coated with polyester paint. 125% pleated lead gives high flexibility and unlimited shape possibilities.

High-quality butyl glued over the entire width of the tape ensures excellent adhesion.

**RESISTANCE**  
Weather conditions, UV radiation, aging process, burst resistant.

**ADVANTAGES**  
Elastic tape with unlimited possibilities of use, excellent matches to irregular structure.



black	brown	brick red	anthracite
RAL 9005	RAL 8017	RAL 8004	RAL 7016

Width/ thickness (mm)	Length (mm)	Package (pcs.)	Pallet quantity (rolls/rm)	Product code
300 / 0,3	5000	1	150/750	060503...(RAL)
300 / 0,5	5000	1	100/500	060505...(RAL)

INSULATES CONNECTIONS BETWEEN ROOF AND CHIMNEY OR WALL

CHIMNEY TAPE CU 3D

NEW



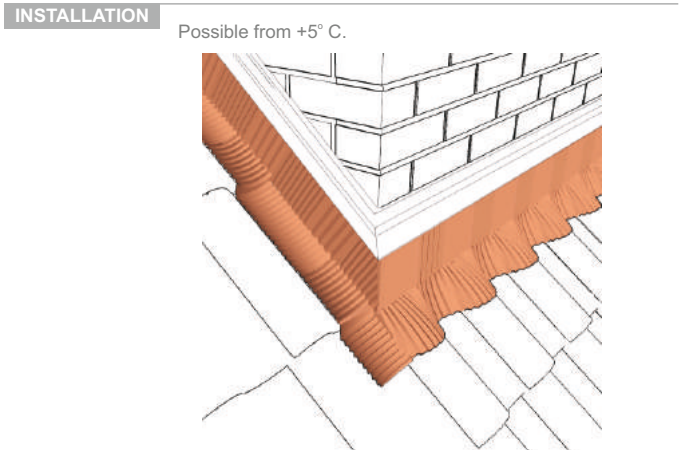
**MATERIAL**  
Copper.

Perforation gives high flexibility and unlimited shape possibilities.

High-quality butyl glued over the entire width of the tape ensures excellent adhesion.

**RESISTANCE**  
Weather condition, copper is rustproof and burst resistant.

**ADVANTAGES**  
Elastic tape with unlimited possibilities of use, excellent matches to irregular structure.



copper

Width (mm)	Length (mm)	Package (pcs.)	Pallet quantity (rolls/rm)	Product code
300	5000	4	150/750	060903

# CHIMNEY TAPE CU CLASSIC

INSULATES CONNECTION BETWEEN ROOF  
AND CHIMNEY OR WALL

NEW



copper

Width (mm)	Length (mm)	Package (pcs.)	Pallet quantity (rolls/rm)	Product code
300	5000	4	150/750	061003

## MATERIAL

Copper.

Perforation gives high flexibility and unlimited shape possibilities.

High-quality butyl glued over the entire width of the tape ensures excellent adhesion.



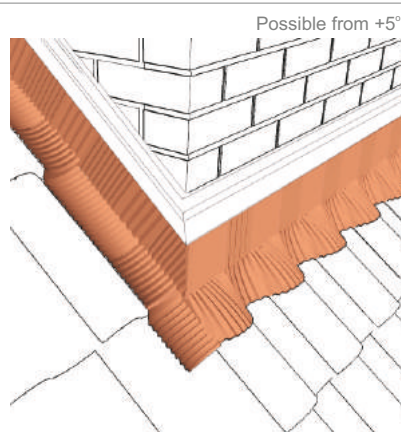
## RESISTANCE

Weather conditions, copper is rustproof and burst resistant.

## ADVANTAGES

Elastic tape with unlimited possibilities of use, excellent matches to irregular structure.

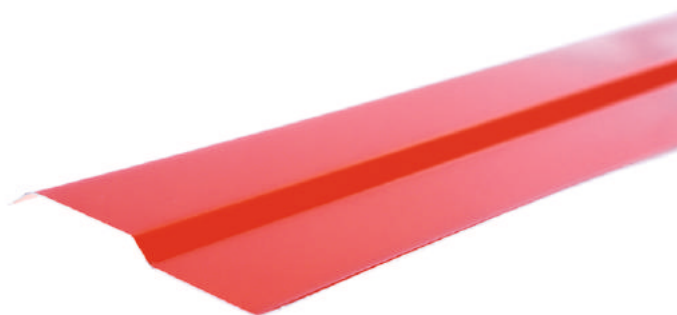
## INSTALLATION



TECHNICAL DATA SHEET

# CHIMNEY STRIP AL

PROTECTS THE UPPER EDGE OF THE CHIMNEY  
TAPE NEAR THE CONNECTION WITH CHIMNEY



## MATERIAL

0,58 mm aluminum coated with paints.



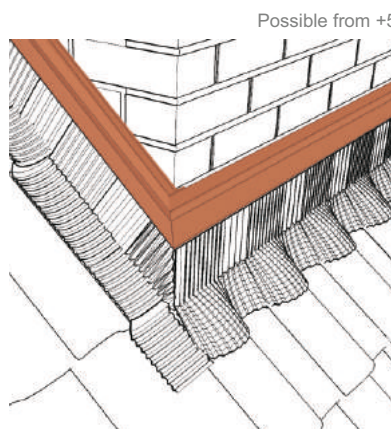
## RESISTANCE

Weather conditions, aging processes.

## ADVANTAGES

Aesthetic chimney finish.

## INSTALLATION



TECHNICAL DATA SHEET

black	brown	chestnut	brick red	anthracite	cherry
RAL 9005	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 3004

Width (mm)	Length (mm)	Package (pcs.)	Pallet quantity (pack./pcs.)	Product code
80	2000	20		060420...(RAL)



# roof valley

Accessories to allow proper insulation contact at the junction of two roof slopes. Roof valley accessories collect and drain water and guarantee additional ventilation.





## PRESSED ALONG ROOF VALLEY

**DRAINS WATER AND PROVIDES TIGHT CONNECTION  
OF TWO ROOF SLOPES**



0,58 mm aluminum coated with polyester paint,  
protected by foil.

### MATERIAL



TECHNICAL DATA SHEET

Weather conditions, UV radiation, cracking.

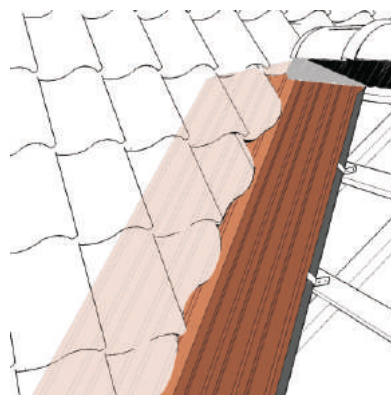
### RESISTANCE

Resistant to corrosion. High quality product.  
Characterized by exceptional stiffness and ease of installation.

### ADVANTAGES

Installed with special clamps for roof valley.

### INSTALLATION



black	brown	chestnut	brick red	anthracite	cherry
RAL 9005	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 3004

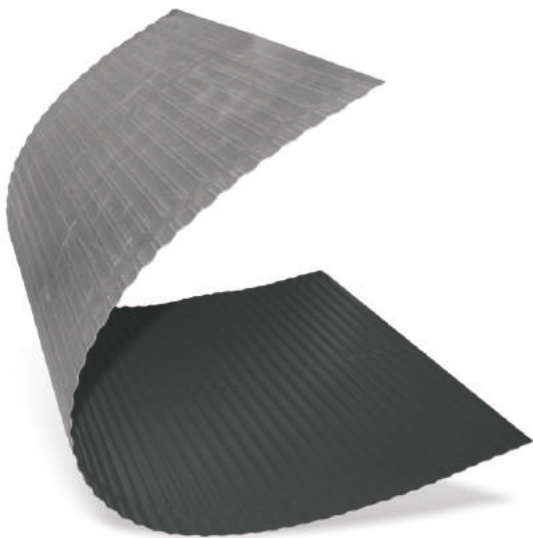
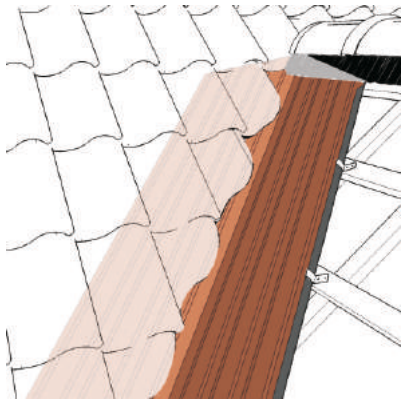
Width (mm)	Length (mm)	Package (pcs.)	Pallet quantity (pcs/rm)	Product code
500	2000	15	750/1500	050120...(RAL)



DRAINS WATER AND PROVIDES TIGHT CONNECTION OF TWO ROOF SLOPES

PRESSED ACROSS ROOF VALLEY

MATERIAL	0,58 mm aluminum coated with polyester paint, protected by foil.
RESISTANCE	Weather conditions, UV radiation, cracking.
ADVANTAGES	Resistant to corrosion. High quality product. Characterized by exceptional stiffness and ease of installation.
INSTALLATION	



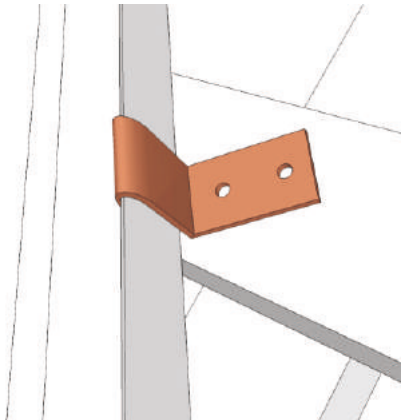
black	brown	chestnut	brick red	anthracite	cherry
RAL 9005	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 3004

Type	Width (mm)	Length (mm)	Package (pcs.)	Pallet quantity (pcs/rm)	Product code
Pressed across roof valley	40	2000	15	750/1500	050220...(RAL)
Pressed across roof valley in roll	50	6000	1	30/180	050260...(RAL)

INSTALLING ROOF VALLEY

ROOF VALLEY CLAMP

MATERIAL	0,58 mm aluminum coated with polyester paint, protected by foil.
RESISTANCE	Weather condition, UV radiation, cracking.
ADVANTAGES	Resistant to corrosion. High quality product. Characterized by exceptional stiffness and ease of instalation, with no holes in roof valley.
INSTALLATION	



black	brown	chestnut	brick red	anthracite	cherry
RAL 9005	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 3004

Package (pcs.)	Product code
1500	050401...(RAL)

## SELF-EXPANDING TAPE ELASTIC

### INSULATES ROOF VALLEY AND RIDGES. FILLS GAPS IN STRUCTURES AND PRECAST ELEMENTS



black

Width (width X height)	Package (pcs.)	Pallet quantity (pack./pcs.)	Product code
10x10	375 m / 30 rolls	12/360	051010.0000
10x20	240 m / 30 rolls	12/360	051020.0000
15x15	200 m / 20 rolls	12/240	051515.0000
15x30	100 m / 20 rolls	12/240	051530.0000
15x40	120 m / 15 rolls	12/180	051540.0000
20x20	100 m / 20 rolls	12/240	052020.0000
20x40	75 m / 15 rolls	12/180	052040.0000
20x50	75 m / 15 rolls	12/180	052050.0000
20x60	75 m / 15 rolls	12/180	052060.0000

THERE IS THE POSSIBILITY TO ORDER CUSTOM SIZE

Open-cell polyurethane foam impregnated with a solution of acrylic. Glue on the underneath part of the tape provides excellent adhesion.

Weather conditions, aging processes, increased resistance to UV radiation.

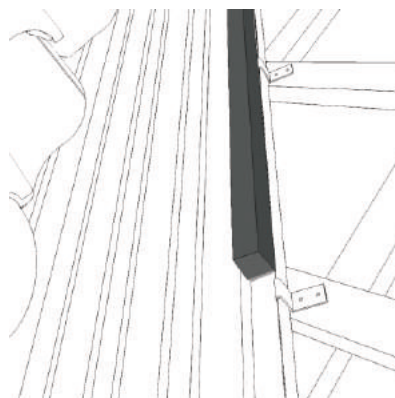
An alternative for wedge gaskets. High-quality glue on the underneath part ensures excellent adhesion. It also provides optimal ventilation of roofing.

#### MATERIAL

#### RESISTANCE

#### ADVANTAGES

#### INSTALLATION



TECHNICAL DATA SHEET

## WEDGE GASKET STANDARD

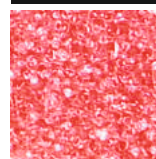
### INSULATES ROOF VALLEY AND RIDGE



Self-adhesive wedge gasket made of polyurethane foam.

High-quality glue on the underneath part ensures excellent adhesion.

#### MATERIAL



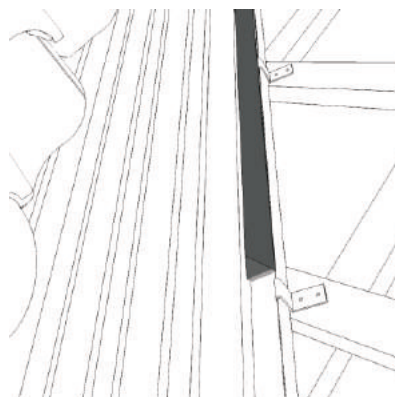
#### RESISTANCE

#### ADVANTAGES

#### INSTALLATION

Weather conditions, aging processes, increased resistance to UV radiation.

Preventing leaves, dust and birds from getting under the roof covering. Protects from snow accumulation. Provides optimal roofing ventilation.



TECHNICAL DATA SHEET

brown brick red anthracite

Width (width X height)	Length (mm)	Pallet quantity (pack./pcs.)	Product code
30x50	1000	20/2000	051050...(RAL)
30x60	1000	20/2000	051060...(RAL)
30x70	1000	20/2000	051070...(RAL)

THERE IS THE POSSIBILITY TO ORDER CUSTOM SIZE



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INSULATES ROOF VALLEY AND RIDGE

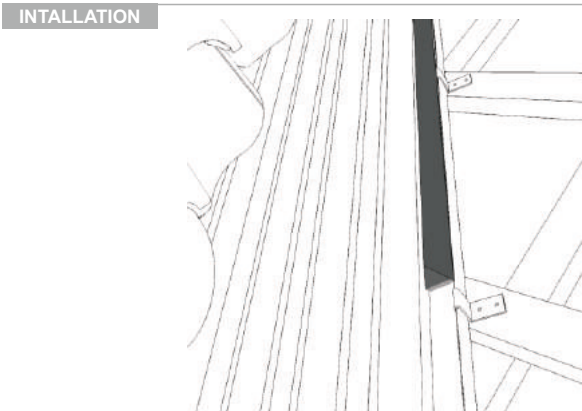


Self-adhesive wedge gasket made of polyurethane foam and additionally coated in acrylic impregnation.

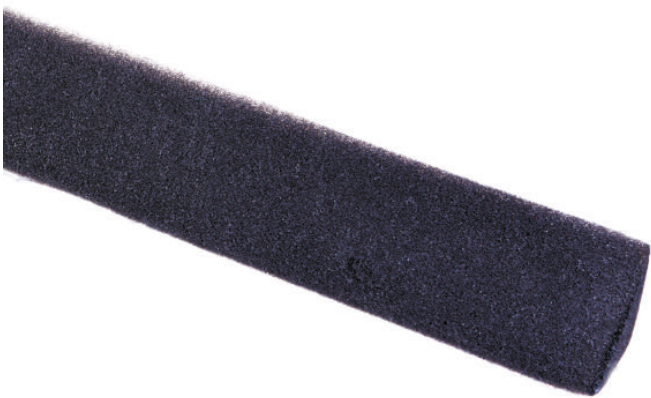
High-quality glue on the underneath part ensures excellent adhesion.

**RESISTANCE** Weather conditions, aging processes, increased resistance to UV radiation.

**ADVANTAGES** Preventing leaves, dust and birds from getting under the roof covering. Protects from snow accumulation. Provides optimal roofing ventilation.



WEDGE GASKET PROTECTIVE



black

Width (width X height)	Length (mm)	Pallet quantity (pack./pcs.)	Product code
30x40	1000	20/2000	050440.0000
30x50	1000	20/2000	050450.0000
30x60	1000	20/2000	050460.0000

THERE IS THE POSSIBILITY TO ORDER CUSTOM SIZE

INSULATES ROOF VALLEY AND RIDGE

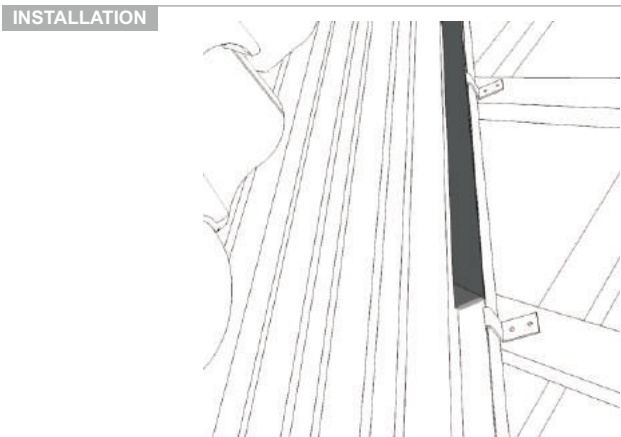


Self-adhesive wedge gasket made of filtren type filter foam, polyurethane foam with completely open cell structure.

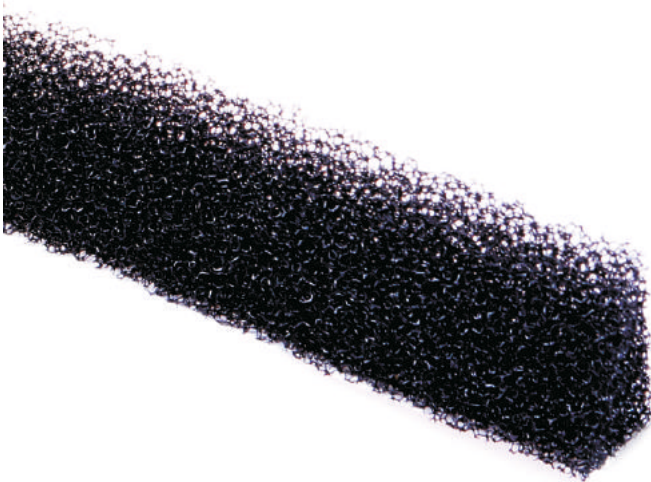
High-quality glue on the underneath part ensures excellent adhesion.

**RESISTANCE** Weather conditions, aging processes, increased resistance to UV radiation.

**ADVANTAGES** Preventing leaves, dust and birds from getting under the roof covering. Protects from snow accumulation. Provides optimal roofing ventilation.



WEDGE GASKET FILTREN



black

Width (width X height)	Length (mm)	Ilość na palecie (pack./pcs.)	Product code
30x60	1000	20/2000	050560.0000



# WEDGE GASKET UNIVERSAL PU

## INSULATES ROOF VALLEY AND RIDGE

TECHNICAL DATA SHEET



anthracite

Width (width X heigth)	Length (mm)	Pallet quantity (pack./pcs.)	Product code
37x30	1000	20/1000	053730.0000
50x40	1000	20/1000	055040.0000
60x40	1000	20/1000	056040.0000

THERE IS THE POSSIBILITY TO ORDER CUSTOM SIZE

Self-adhesive rectangular wedge gasket made of polyurethane foam. High-quality glue on the underneath part ensures excellent adhesion.

### MATERIAL

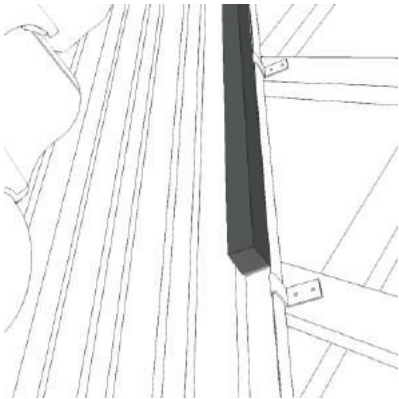
Weather conditions, aging processes, resistance to UV radiation.

### RESISTANCE

Preventing leaves, dust and birds from getting under the roof covering. Protects from snow accumulation. Provides optimal roofing ventilation.

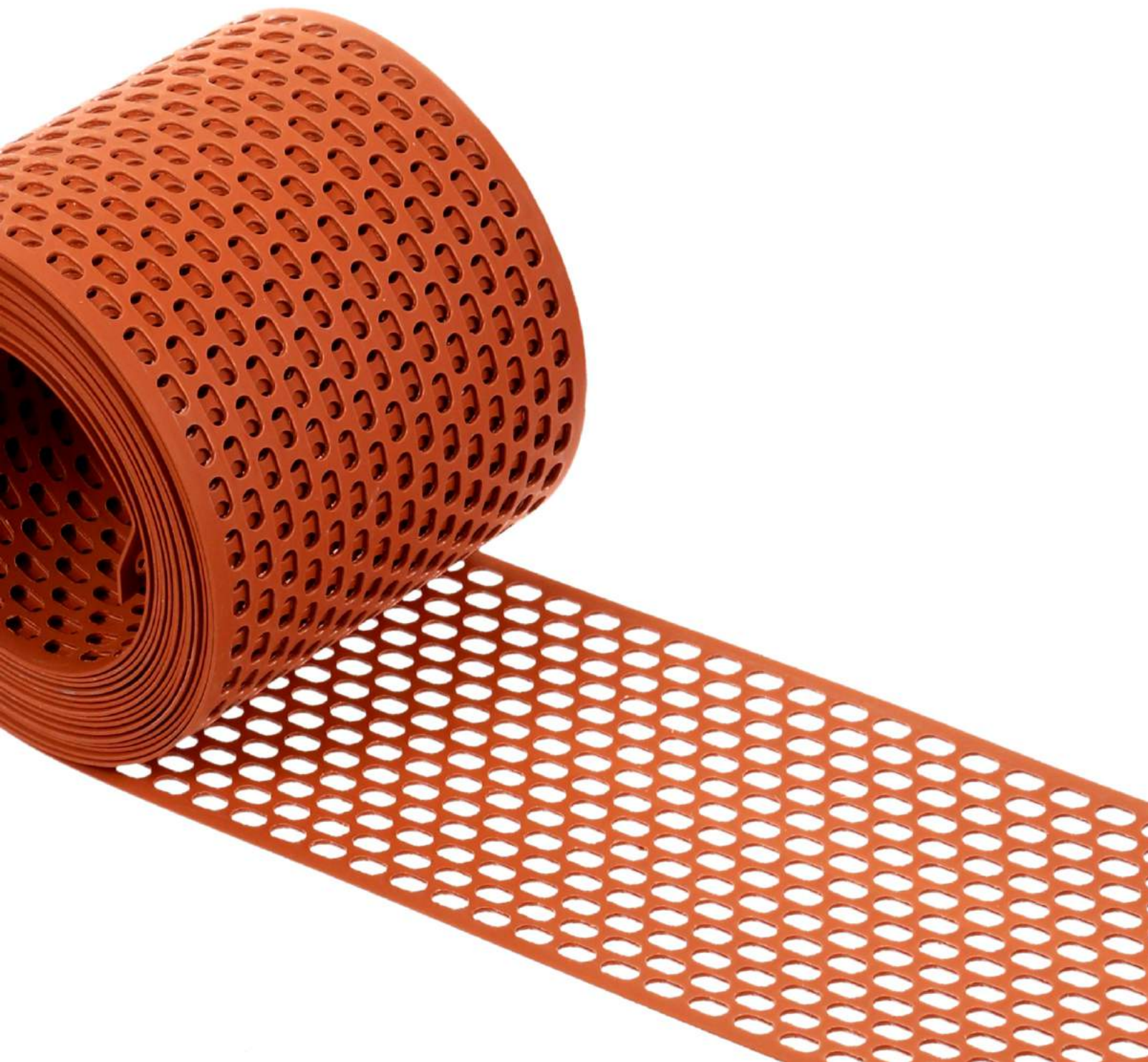
### ADVANTAGES

### INSTALLATION



# eaves accessories

Eaves are one of the most important elements of the roof responsible for the proper ventilation. The products function as ventilation and protect from birds, vermin and other insects from under the roof area. High quality materials ensure long-term functioning.







## PROTECT ROOF EAVES

## EAVES STRIP

TECHNICAL DATA SHEET

### MATERIAL

Aluminum coated with paints.

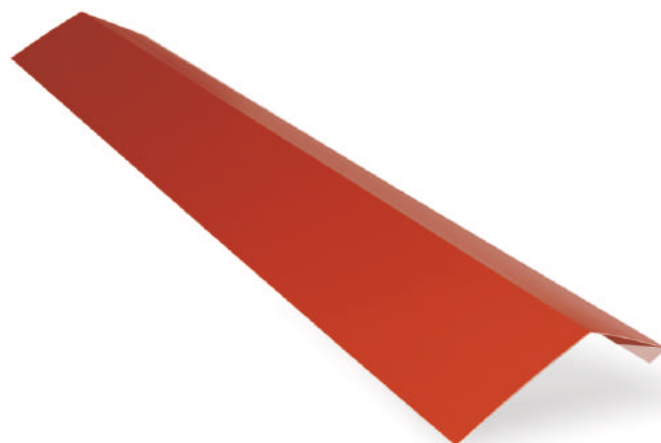
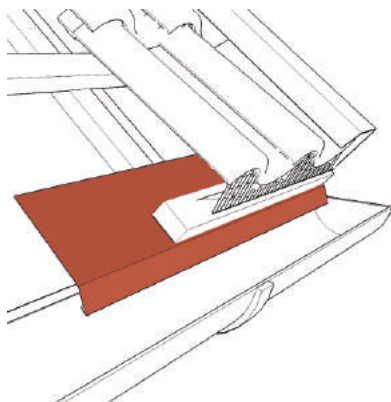
### RESISTANCE

Weather conditions, UV radiation.

### ADVANTAGES

Resistant to corrosion. Perfectly drains water from the roof surface into the gutter. Fast and easy installation. Prevents water or snow from getting under the roof surface.

### INSTALLATION



black	brown	chestnut	brick red	anthracite	cherry
RAL 9005	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 3004

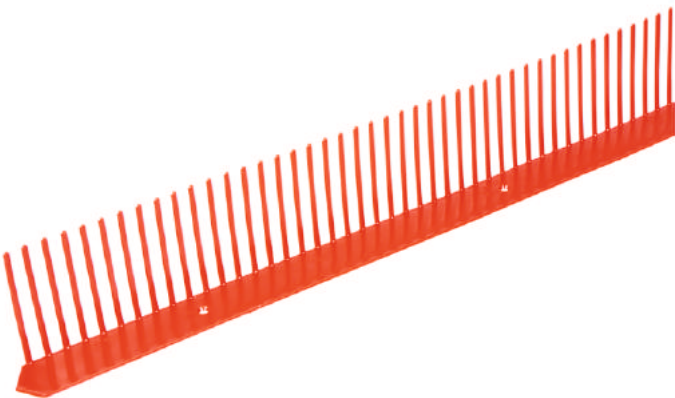
Length (mm)	Package (pcs.)	Product code
1000	20	070110...(RAL)
2000	20	070120...(RAL)

**TOOLCO**  
roof system

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# FLAT EAVES COMB

PROTECTS ROOF EAVES FROM BIRDS, VERMIN  
AND OTHER INSECTS



Dyed propylene with UV stabilization.

MATERIAL

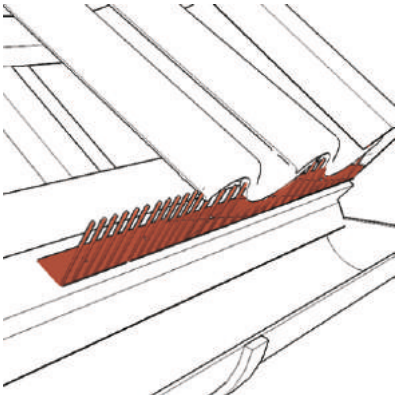
Weather conditions, aging processes, UV radiation.

RESISTANCE

Perfectly fits to roofing profile. Connecting system for easy installation.

ADVANTAGES

INSTALLATION

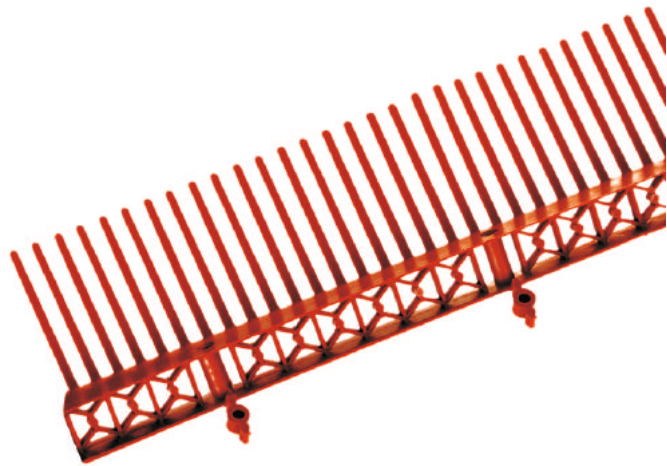


black brown brick red  
RAL 9005 RAL 8017 RAL 8004

Height (mm)	Length (mm)	Package (pcs.)	Pallet quantity (pack./pcs.)	Product code
65	1000	100	60/6000	070201...(RAL)

# EAVES COMB WITH VENTILLATION GRILLE

PROTECTS ROOF EAVES FROM BIRDS, VERMIN  
AND OTHER INSECTS



Dyed propylene with UV stabilization.

MATERIAL

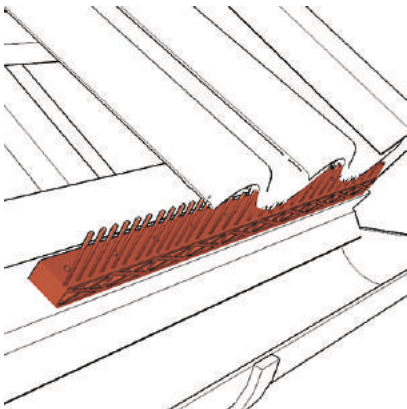
Weather conditions, aging processes, UV radiation.

RESISTANCE

Perfectly fits to roofing profile. Increased efficiency of roof ventilation. Connecting system for easy installation.

ADVANTAGES

INSTALLATION



black brown brick red  
RAL 9005 RAL 8017 RAL 8004

Height (mm)	Length (mm)	Package (pcs.)	Pallet quantity (pack./pcs.)	Product code
80	1000	60	16/960	070101...(RAL)



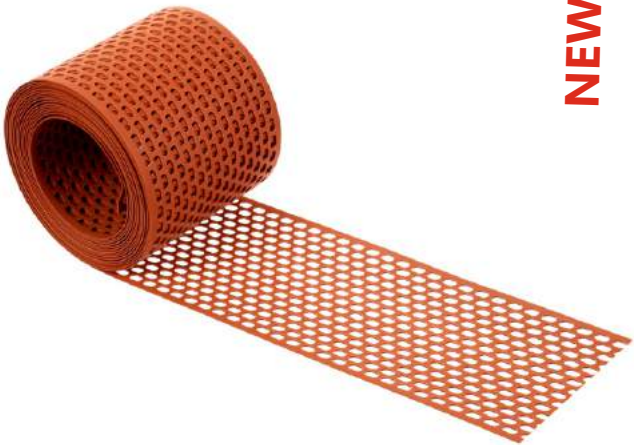
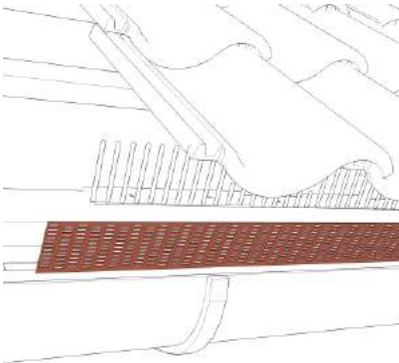
www.toolco.pl

TECHNICAL DATA SHEET

TECHNICAL DATA SHEET

TECHNICAL DATA SHEET

MATERIAL	Hard high-quality polyvinyl chloride, strike resistant, difficult to ignite.
RESISTANCE	Weather condituions, aging process, UV radiation, burst resistant.
ADVANTAGES	Fast and easy installation. Ventilation surface is about 47%.
INSTALALTION	



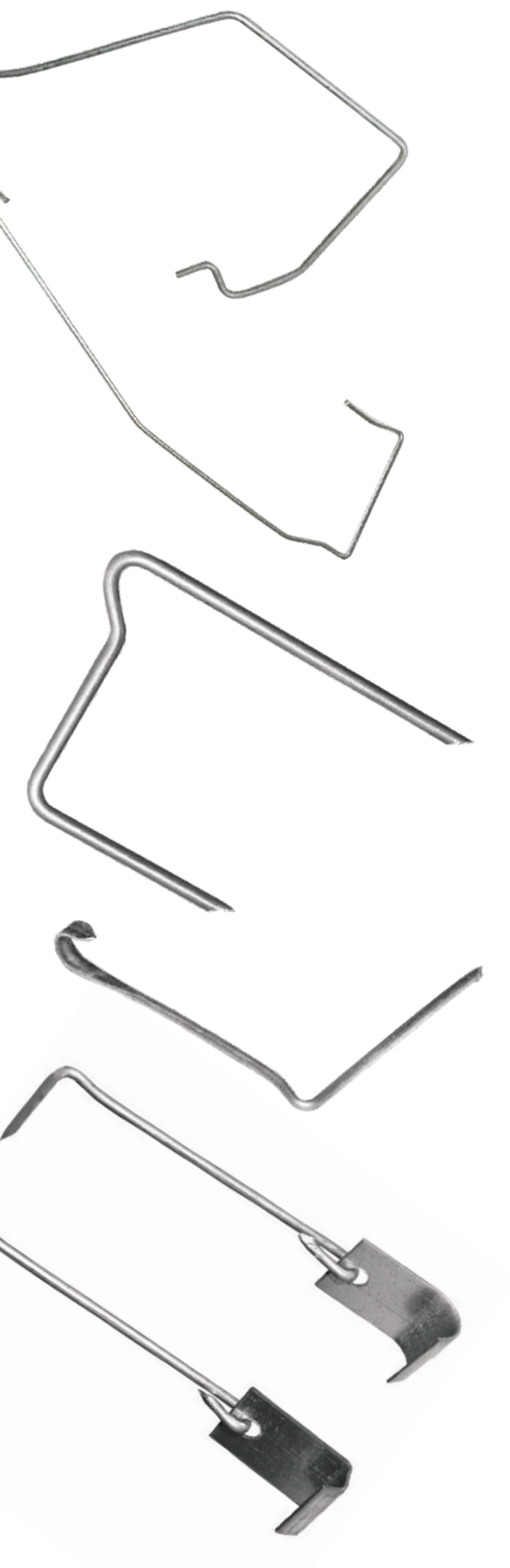
NEW



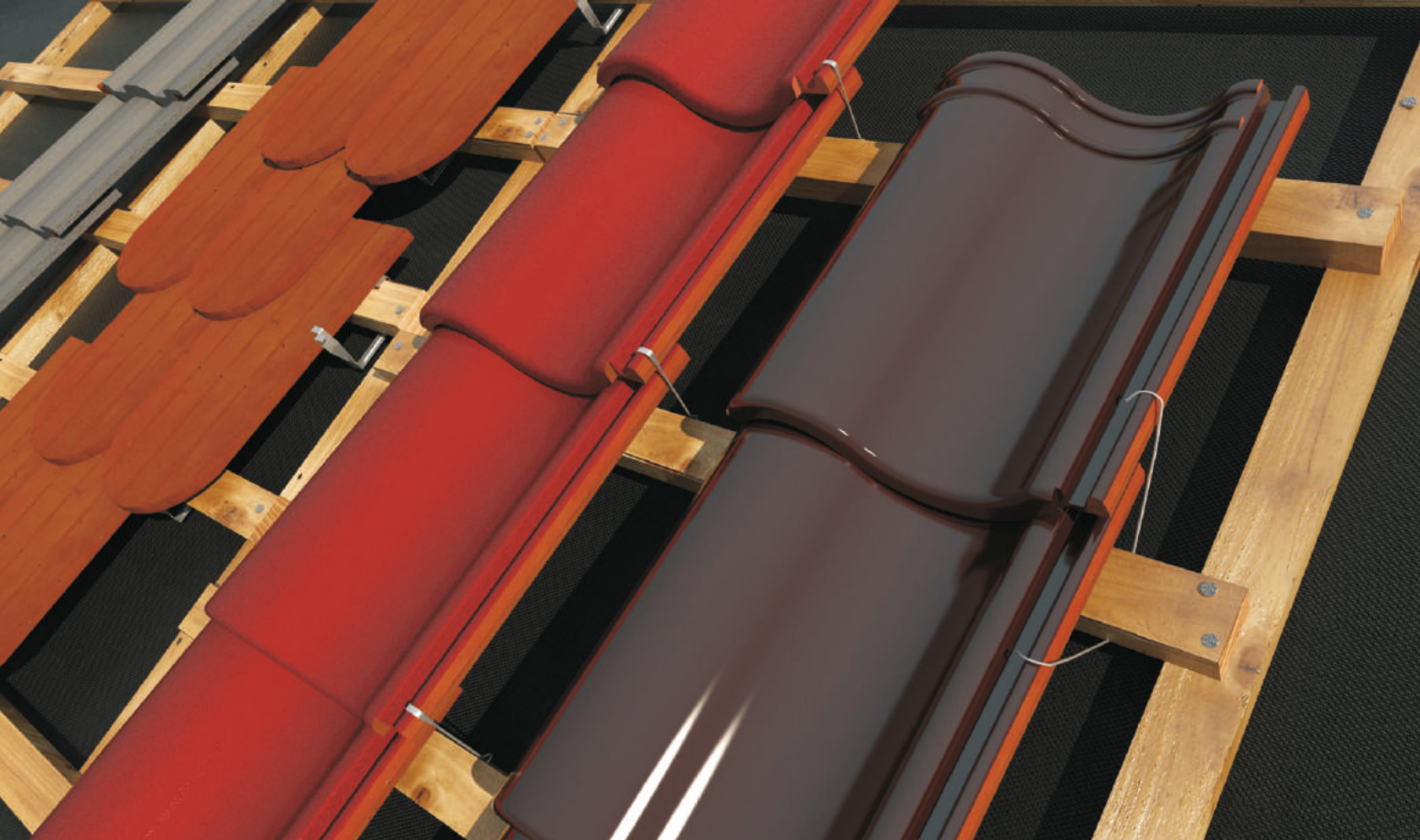
Width (mm)	Length (mm)	Package (pcs.)	Pallet quantity (pack./pcs.)	Product code
50	5000	20	210/4200	070301...(RAL)
80	5000	20	210/4200	070302...(RAL)
100	5000	20	210/4200	070303...(RAL)
150	5000	20	210/4200	070304...(RAL)

# roof tiles clips

Clips are used to protect clay and concrete tiles from adverse effects of wind, which may cause ejecting of tiles.







USED WITH TILES: BRAAS, PRODACH, EURONIT...

CLIP WITH HOOK, NORD

TECHNICAL DATA SHEET

#### MATERIAL

2,8 mm zinc galvanized steel wire connected with steel tape.



Hot-dip galvanized  
Steel

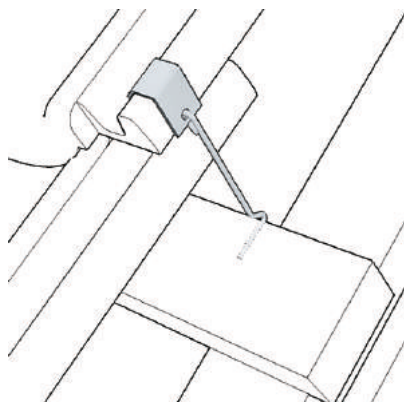
#### RESISTANCE

Weather conditions, aging processes.

#### ADVANTAGES

Prevents from tile ejecting.

#### INSTALLATION



Type	Coating	Package (pcs.)	Product code
Nord II square	galvanized	100	030502.0002
Nord III round	galvanized	100	030503.0002

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## CLIP K

USED WITH TILES: ROBEN, KORAMIC, BRAAS, PRODACH, EURONIT...



2,8 mm zinc galvanized steel wire.

### MATERIAL

Hot-dip galvanized Steel



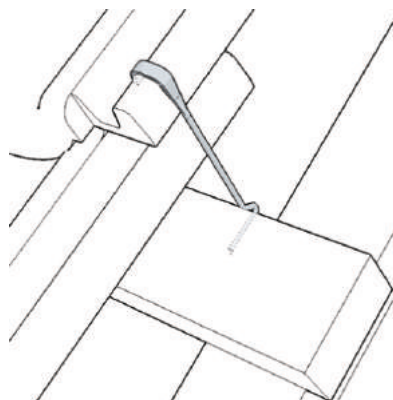
Weather conditions, aging processes.

### RESISTANCE

Prevents from tile ejecting.

### ADVANTAGES

### INSTALLATION



Type	Coating	Package (pcs.)	Product code
75 x 48	galvanized	100	030674.0002
75 x 65	galvanized	100	030676.0002
85 x 65	galvanized	100	030686.0002

TECHNICAL DATA SHEET

## CLIP U

USED FOR MOST TYPES OF TILES



O cynkowany drut stalowy o gr. 2,8 mm.

### MATERIAL

Hot-dip galvanized Steel



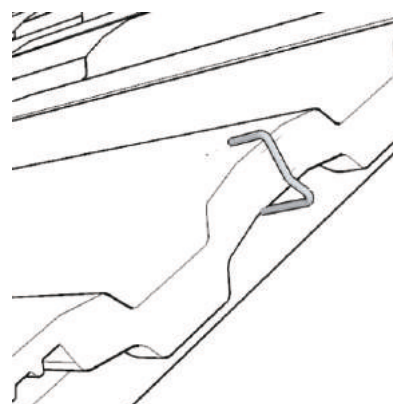
Weather conditions, aging processes.

### RESISTANCE

Hammered system protects tiles better from strong wind.  
Prevents from tile ejecting.

### ADVANTAGES

### INSTALLATION



Type	Coating	Package (pcs.)	Product code
U small	galvanized	100	030250.0002
U large	galvanized	100	030240.0002

TECHNICAL DATA SHEET



USED FOR MOST TYPES OF TILES

CLIP WITH HIGH LOCK

TECHNICAL DATA SHEET

MATERIAL

2,5 mm spring zinc galvanized wire SM PN-EN 10270-1.



Hot-dip galvanized  
Steel

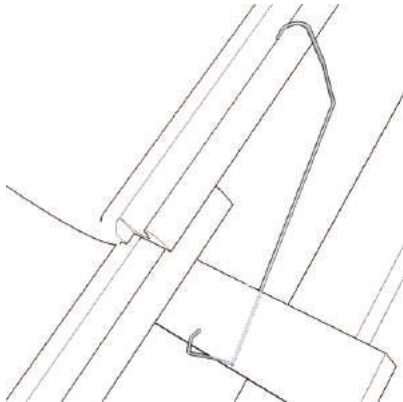
RESISTANCE

Weather conditions, aging processes.

ADVANTAGES

Used on the areas with increased risk of strong wind. Prevents from tile ejecting. Clip made of high-quality spring wire which does not change durability parameters the exploitation.

INSTALLATION



Type	Coating	Package (pcs.)	Product code
	galvanized	100	030401.0002



USED FOR MOST TYPES OF TILES. INSTALLED ON 40 MM AND 50 MM BATTENS

CLIP J

TECHNICAL DATA SHEET

MATERIAL

2,5 mm spring zinc galvanized wire SM PN-EN 10270-1.



Hot-dip galvanized  
Steel

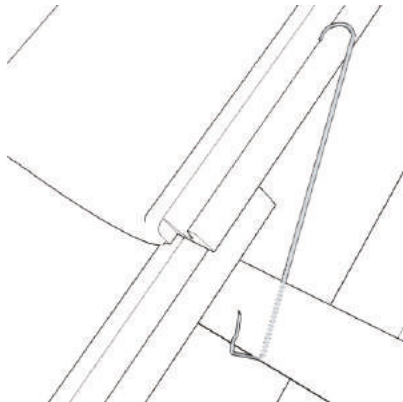
RESISTANCE

Weather conditions, aging processes.

ADVANTAGES

Used on the area with increased risk of strong wind. Prevents from tile ejecting. Clip made of high-quality spring wire which does not change durability parameters during the exploitation.

INSTALLATION

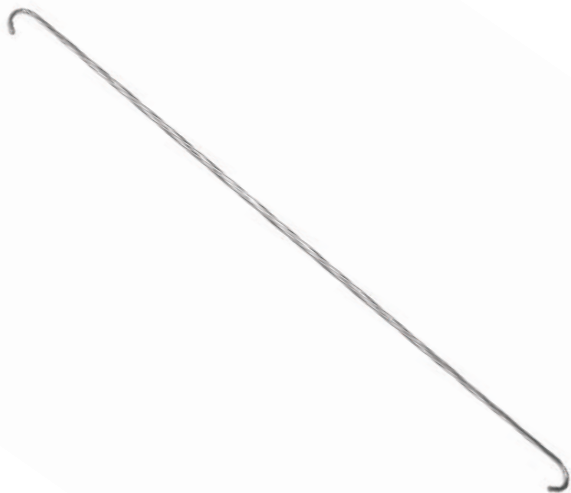


Type	Coating	Package (pcs.)	Product code
J 40 (mm)	galvanized	250	030140.0002
J 50 (mm)	galvanized	250	030150.0002



# UNIVERSAL CLIP

USED FOR MOST TYPES OF TILES



Type	Coating	Package (pcs.)	Product code
280	galvanized	100	030428.0002
320	galvanized	100	030432.0002
340	galvanized	100	030434.0002

2,5 mm spring zinc galvanized wire SM PN-EN 10270-1.

### MATERIAL

Hot-dip galvanized  
Steel



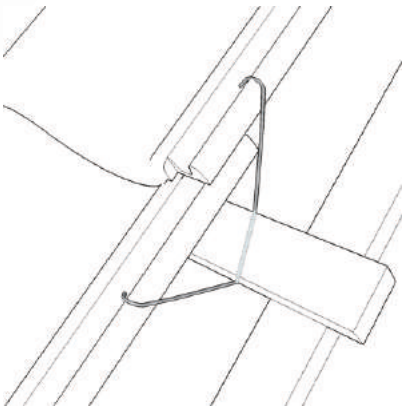
Weather conditions, aging processes.

### RESISTANCE

Used on the areas with increased risk of strong wind. Prevents from tile ejecting. Clip made of high-quality spring wire which does not change durability parameters during the exploitation.

### ADVANTAGES

### INSTALLATION



TECHNICAL DATA SHEET

# CLIP FOR CUT ROOF TILE

USED FOR INSTALLING CUT CLAY OR CONCRETE  
ROOF TILES IN ROOF VALLEYS AND HIPS



Type	Coating	Package (pcs.)	Product code
	stainless steel	100	030301.0003

Stainless steel tape and wire.

### MATERIAL

Stainless steel



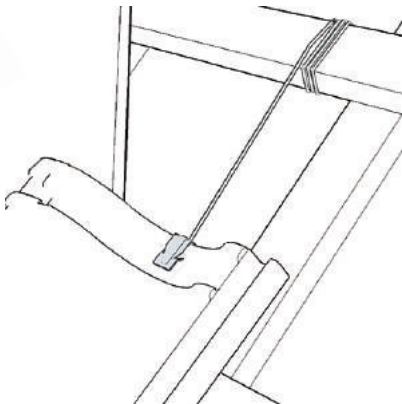
Weather conditions, aging processes.

### RESISTANCE

Stainless steel- resistant to corrosion. Protects tiles from ejecting.

### ADVANTAGES

### INSTALLATION



TECHNICAL DATA SHEET

MATERIAL

2,5 mm zinc galvanized spring wire SM PN-EN 10270-1.



Hot-dip galvanized  
Steel

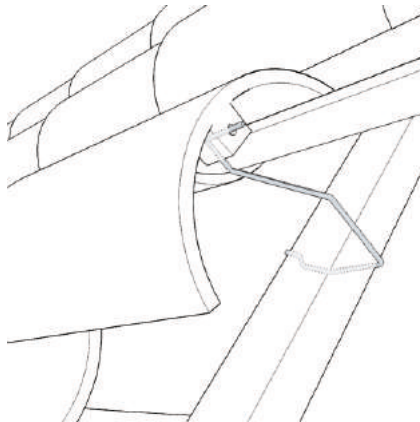
RESISTANCE

Weather conditions, aging processes.

ADVANTAGES

Prevents from tile ejecting. Clip made of high-quality spring wire that does not change durability parameters during the exploitation.

INSTALLATION



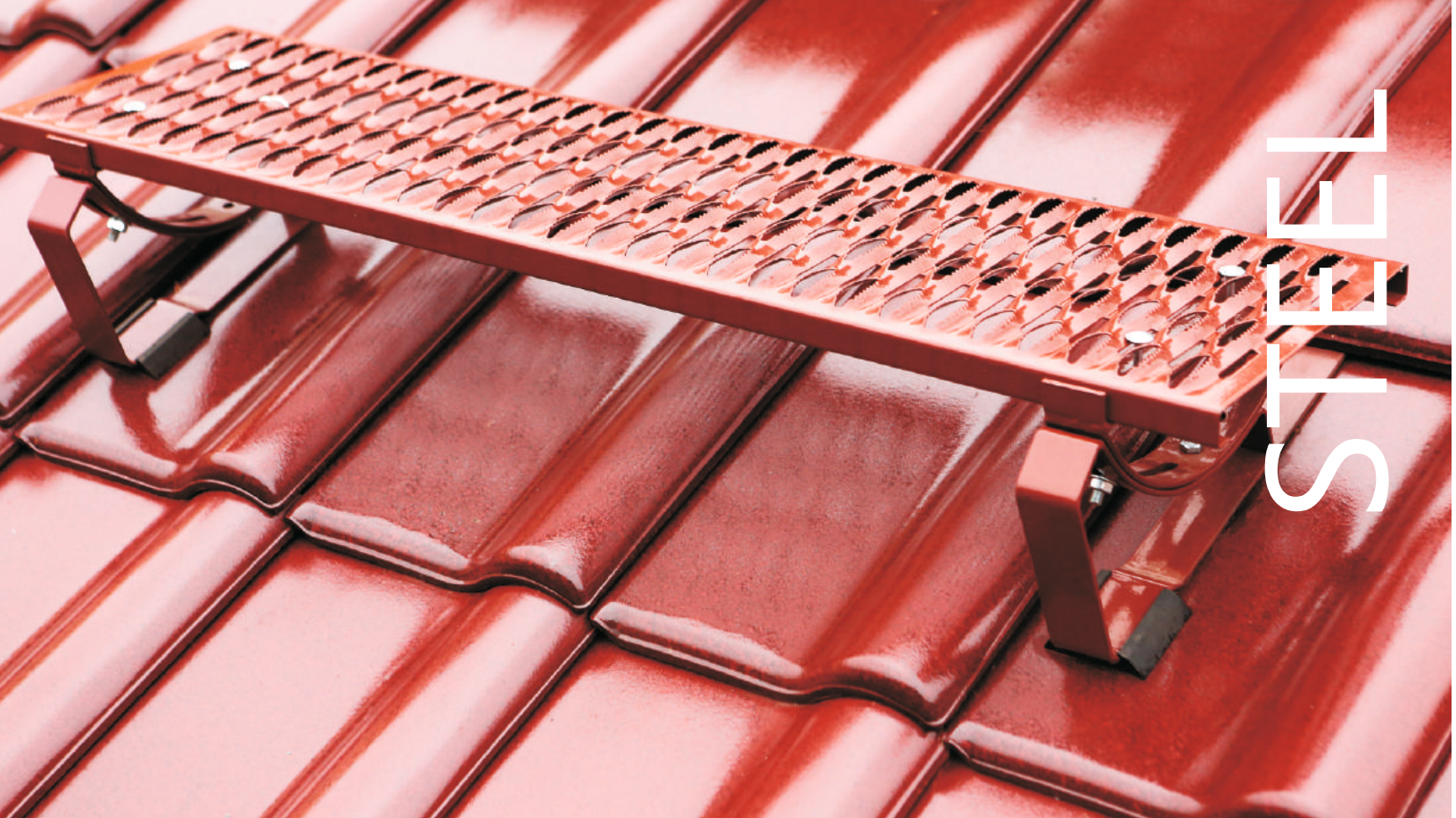
Type	Coating	Package (pcs.)	Product code
MM 40	galvanized	1000	030740.0002
MM 60	galvanized	1000	030760.0002



# roof walkways

The system is designed for standing or walking during the control, repair or maintenance of the equipment on the roof. It secures the way to the checkpoints. It is permanently fixed to the supporting structure of sloping roofs. Wide range of products available for each type of roofing material. High quality components ensure the long-term functioning.





**MAKES WALKING TO CHIMNEY SWEEP BENCHES POSSIBLE. USED FOR SLOPING ROOFS**

## CHIMNEY SWEEP SAFETY STEP

TECHNICAL DATA SHEET

### MATERIAL

Flat 40x4 mm steel and 2 mm thick steel sheet.



← Powder painting technology

← Galvanized steel



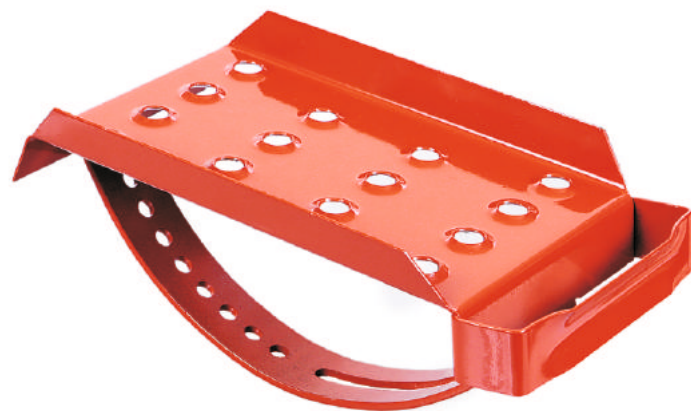
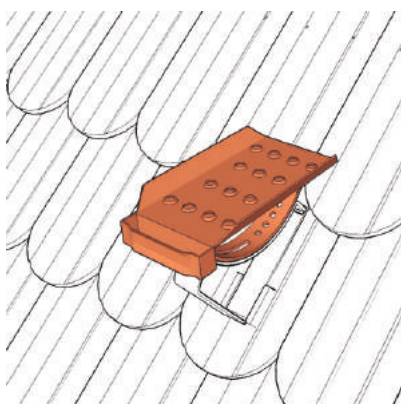
### RESISTANCE

Weather conditions, UV radiation.

### ADVANTAGES

Secures the way to checkpoints. Fits with any type of bracket.

### INSTALLATION



black	dark brown	brown	chestnut	brick red	anthracite	green	cherry
RAL 9005	RAL 8019	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 6020	RAL 3004
galvanized	*						

\*there is the possibility to order custom color for additional charge 20%

Length (mm)	Width (mm)	Weight (kg)	Package (pcs.)	Product code
250	180	1,3	2	010201...(RAL)

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# CHIMNEY SWEEP BENCH

**MAKES WALKING ON ROOF SAFE. USED FOR SLOPING ROOFS**



black	dark brown	brown	chestnut	brick red	anthracite	green	cherry
RAL 9005	RAL 8019	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 6020	RAL 3004
galvanized	*	* there is the possibility to order custom color for additional charge 20%					

Width (mm)	Length (mm)	Weight (kg)	Package (pcs.)	Product code
250	400	1,5	2	010104...(RAL)
250	600	2,4	2	010106...(RAL)
250	800	3,2	2	010108...(RAL)
250	1000	3,8	2	010110...(RAL)
250	1200	4,5	2	010112...(RAL)
250	1500	5,8	2	010115...(RAL)
250	2000	7,8	2	010120...(RAL)
250	2500	9,7	2	010125...(RAL)
250	3000	11,7	2	010130...(RAL)

Made of sheet of galvanized steel 2 mm width.  
Powder painting technology  
Galvanized steel

## MATERIAL



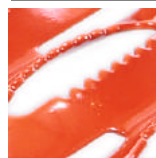
Weather conditions, UV radiation.

## RESISTANCE

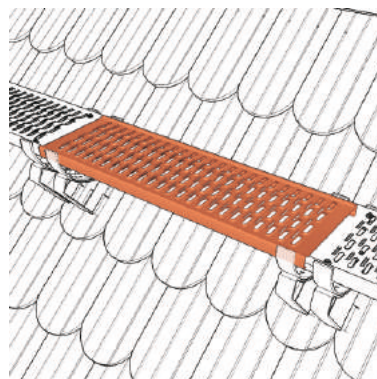
Secures the way to checkpoints. Allows chimney sweep works.

## ADVANTAGES

Non-slip perforation.



## INSTALLATION



TECHNICAL DATA SHEET

# CHIMNEY SWEEP BENCH CONNECTOR

**JOINS CHIMNEY SWEEP BENCHES INTO ONE SEQUENCE**



black	dark brown	brown	chestnut	brick red	anthracite	green	cherry
RAL 9005	RAL 8019	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 6020	RAL 3004
galvanized	*	* there is the possibility to order custom color for additional charge 20%					

Length (mm)	Weight (kg)	Package (pcs.)	Product code
250	0,3	10	010801...(RAL)

Flat 40x4 mm steel.  
Powder painting technology  
Galvanized steel

## MATERIAL



Weather conditions, UV radiation.

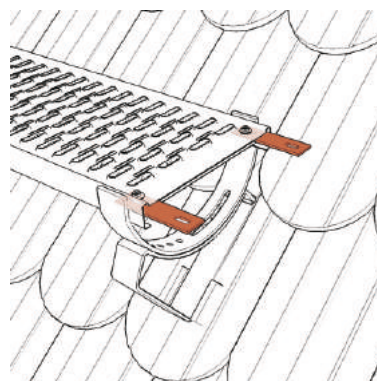
## RESISTANCE

Stiffens and maintains communication in one line.

## ADVANTAGES

To connect two chimney sweep benches it is necessary to use two connectors.

## INSTALLATION



TECHNICAL DATA SHEET

STEEL

ROOF WALKWAYS



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## ATTACHES CHIMNEY SWEEP BENCHES TO THE BRACKET

## CHIMNEY SWEEP BENCH GRIP

TECHNICAL DATA SHEET

<b>MATERIAL</b>	Flat 40x4 mm steel. ← Powder painting technology ← Galvanized steel
<b>RESISTANCE</b>	Weather conditions, UV radiations.
<b>ADVANTAGES</b>	Installations possible on the roof with slope between 5° and 70°.
<b>SUPPLEMENTS</b>	2 galvanized screws with pads and nuts included.



### INSTALLATION



black	dark brown	brown	chestnut	brick red	anthracite	green	cherry
RAL 9005	RAL 8019	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 6020	RAL 3004
galvanized	*	* there is the possibility to order custom color for additional charge 20%					

Width (mm)	Weight (kg)	Package (pcs.)	Product code
250	0,7	10	010301...(RAL)

## ATTACHES CHIMNEY SWEEP BENCH OR CHIMNEY SWEEP SAFETY STEP TO CLAY OR CONCRETE TILES

## CHIMNEY SWEEP BENCH AND SAFETY STEP BRACKET WITH SUPPORT OR EPDM RUBBER FOR DC/DB TILES

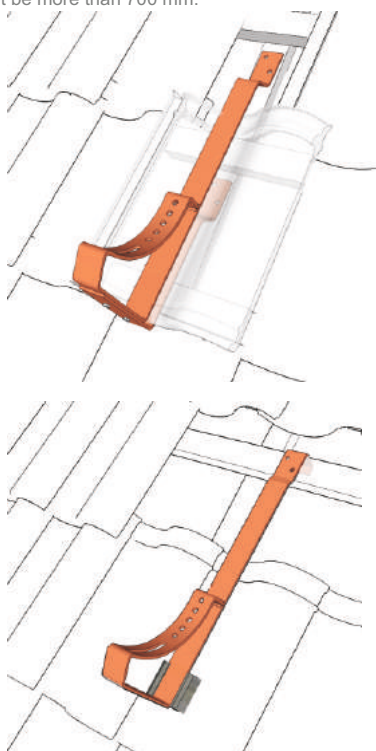
TECHNICAL DATA SHEET

<b>MATERIAL</b>	Flat 40x4 mm steel. ← Powder painting technology ← Galvanized steel
<b>RESISTANCE</b>	Weather conditions, UV radiation.
<b>ADVANTAGES</b>	Brackets do not damage tiles.
<b>SUPPLEMENTS</b>	The set of galvanized screws (4pcs.) for the bracket with support. The set of galvanized screws (2pcs.) for the bracket with EPDM rubber.



### INSTALLATION

The distance between chimney sweep bench brackets should not be more than 700 mm.



black	dark brown	brown	chestnut	brick red	anthracite	green	cherry
RAL 9005	RAL 8019	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 6020	RAL 3004
galvanized	*	* there is the possibility to order custom color for additional charge 20%					

Type	Length (mm)	Weight (kg)	Package (pcs.)	Product code
with the support	535	1,9	10	010401...(RAL)
with EPDM	480	1,3	10	010402...(RAL)

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STEEL

ROOF WALKWAYS

## CHIMNEY SWEEP BENCH AND CHIMNEY SWEEP SAFETY STEP BRACKET WITH EPDM RUBBER FOR PLAIN TILES



black	dark brown	brown	chestnut	brick red	anthracite	green	cherry
RAL 9005	RAL 8019	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 6020	RAL 3004
galvanized	*	* there is the possibility to order custom color for additional charge 20%					

Type	Length (mm)	Weight (kg)	Package (pcs.)	Product code
40	485	1,3	10	010440...(RAL)
50	485	1,32	10	010450...(RAL)

## ATTACHES CHIMNEY SWEEP BENCH OR CHIMNEY SWEEP SAFETY STEP TO A PLAIN TILE

Flat 40x4 mm steel.

Powder painting technology

Galvanized steel

Rubber EPDM protects from damages of the roof tiles.

### MATERIAL



Weather conditions, UV radiation.

### RESISTANCE

Fits any type of plain tile.

### ADVANTAGES

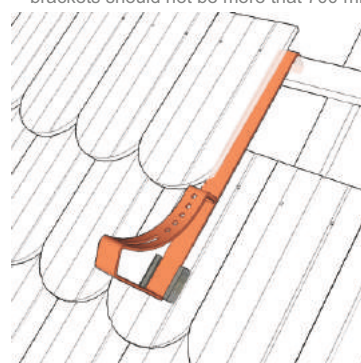
2 galvanized screws with pads and nuts included.

### SUPPLEMENTS



The distance between chimney sweep bench brackets should not be more than 700 mm.

### INSTALLATION



## ATTACHES CHIMNEY SWEEP BENCH OR CHIMNEY SWEEP SAFETY STEP TO METAL SHEET TILES



black	dark brown	brown	chestnut	brick red	anthracite	green	cherry
RAL 9005	RAL 8019	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 6020	RAL 3004
galvanized	*	* there is the possibility to order custom color for additional charge 20%					

Type	Weight (kg)	Package (pcs.)	Product code
350	1,06	10	010535...(RAL)
400	1,16	10	010540...(RAL)
460	1,28	10	010546...(RAL)
module	1,08	10	010535/35...(RAL)

Flat 40x4 mm steel

Powder painting technology

Galvanized steel

### MATERIAL



Weather conditions, UV radiation.

### RESISTANCE

Easy and fast installation.

### ADVANTAGES

2 galvanized screws with pads and nuts included.

### SUPPLEMENTS





The distance between chimney sweep bench brackets should not be more than 700 mm.

### INSTALLATION



# ATTACHES CHIMNEY SWEEP BENCH OR CHIMNEY SWEEP SAFETY STEP TO SHINGLE, PLAIN OR TRAPEZOIDAL SHEET

# CHIMNEY SWEEP BENCH AND CHIMNEY SWEEP SAFETY STEP BRACKET - UNIVERSAL (PLAIN)

<b>MATERIAL</b>	Flat 40x4 mm steel.
	← Powder painting technology
	← Galvanized steel

<b>RESISTANCE</b>	Weather conditions, UV radiation.
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<b>ADVANTAGES</b>	Universal for different roofing types. Easy and fast installation.
-------------------	--

<b>SUPPLEMENTS</b>	2 galvanized screws with pads and nuts included.
--------------------	--



<b>INSTALLATION</b>	The distance between chimney sweep bench brackets should not be more than 700 mm.
---------------------	---






black	dark brown	brown	chestnut	brick red	anthracite	green	cherry
RAL 9005	RAL 8019	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 6020	RAL 3004
galvanized	*	* there is the possibility to order custom color for additional charge 20%					

Length (mm)	Weight (kg)	Package (pcs.)	Product code
260	0,9	10	010601...(RAL)

# ATTACHES BRACKETS TO STANDING SEAM SHEET

# GRIP FOR STANDING SEAM

<b>MATERIAL</b>	2 mm steel sheet.
	← Powder painting technology
	← Galvanized steel

	High-quality protective foam.
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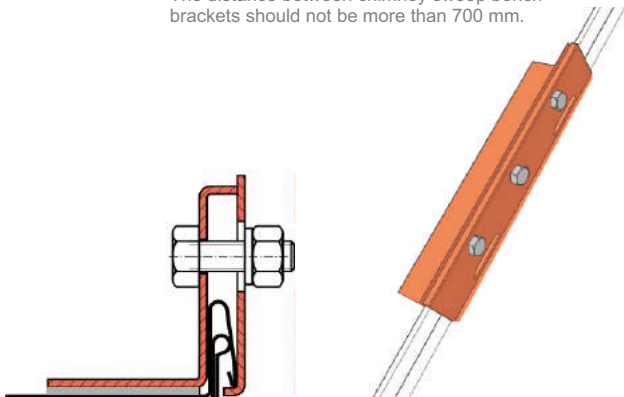
<b>RESISTANCE</b>	Weather conditions, UV radiation.
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<b>ADVANTAGES</b>	Universal for standing seam from 25 mm to 35 mm wave height.
-------------------	--

<b>SUPPLEMENTS</b>	3 galvanized screws with pads and nuts included.
--------------------	--



<b>MONTAŻ</b>	The distance between chimney sweep bench brackets should not be more than 700 mm.
---------------	---



For complete chimney sweep bench or chimney sweep safety step installation the universal bracket is needed (product code 010601...).

black	dark brown	brown	chestnut	brick red	anthracite	green	cherry
RAL 9005	RAL 8019	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 6020	RAL 3004
galvanized	*	* there is the possibility to order custom color for additional charge 20%					

Type	Weight (kg)	Package (pcs.)	Product code
Click	0,85	10	010901...(RAL)
Click S	0,85	10	010902...(RAL)



# CHIMNEY SWEEP BENCH BRACKET - INSTALLED TO WALL

## ATTACHES CHIMNEY SWEEP BENCH TO WALL OR CHIMNEY



black	dark brown	brown	chestnut	brick red	anthracite	green	cherry
RAL 9005	RAL 8019	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 6020	RAL 3004
galvanized	*	*there is the possibility to order custom color for additional charge 20%					

Width (mm)	Weight (kg)	Package (pcs.)	Product code
250	1,3	10	010701...(RAL)

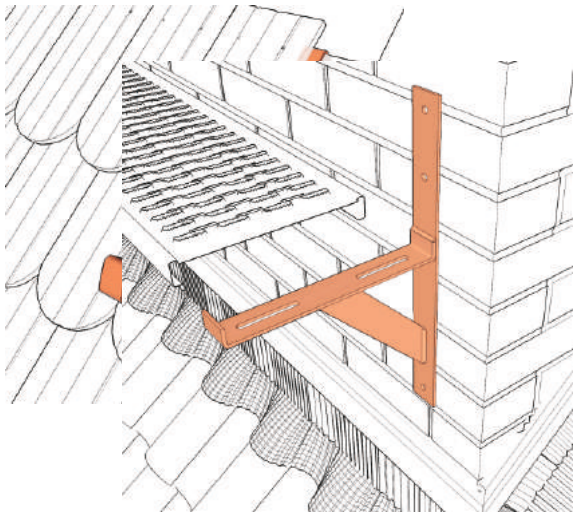
Flat 40x4 mm steel.	MATERIAL
Powder painting technology	
Galvanized steel	

Weather conditions, UV radiation.	RESISTANCE
-----------------------------------	------------

Allows reaching checkpoints at high chimneys.	ADVANTAGES
---	------------

2 galvanized screws with pads and nuts included.	SUPPLEMENTS
--	-------------

The distance between chimney sweep bench brackets should not be more than 700 mm.	INSTALLATION
---	--------------



TECHNICAL DATA SHEET

**ALLOWS SAFE WALKING ON ROOF. USED FOR SLOPING TYPES OF ROOFING**

## CHIMNEY SWEEP BENCH

TECHNICAL DATA SHEET

### MATERIAL

Made of aluminum sheet 2 mm.



- ← Powder painting technology
- ← Aluminum

### RESISTANCE

Weather conditions, UV radiation.

### ADVANTAGES

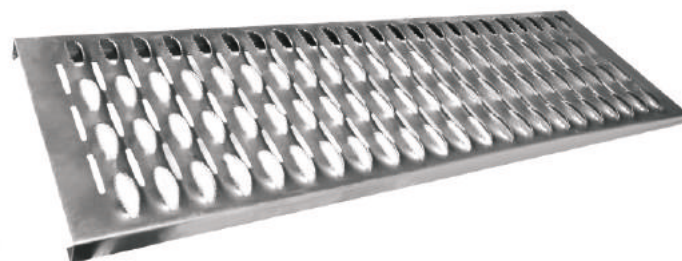
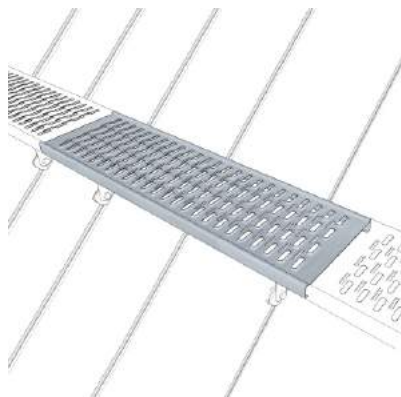
Secures the way to the checkpoints. Resistant to corrosion.



Non-slip perforation.

### INSTALLATION

The distance between chimney sweep bench brackets should not be more than 700 mm.



*	aluminum	anthra	graphite	quartz	pro
		RAL 9005	RAL 7042	RAL 7037	RAL 7024

\* there is the possibility to order custom color for additional charge 20%

Width (mm)	Length (mm)	Package (pcs.)	Product code
250	400	2	A010104...(RAL)
250	600	2	A010106...(RAL)
250	800	2	A010108...(RAL)
250	1000	2	A010110...(RAL)
250	1200	2	A010112...(RAL)
250	1500	2	A010115...(RAL)
250	2000	2	A010120...(RAL)
250	2500	2	A010125...(RAL)
250	3000	2	A010130...(RAL)

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# CHIMNEY SWEEP BENCH BRACKET FOR STANDING SEAM

## ATTACHES CHIMNEY SWEEP BENCH TO STANDING SEAM SHEET



Made of 5 mm aluminum sheet.

### MATERIAL

Powder painting technology

Aluminum



Weather conditions, UV radiation.

### RESISTANCE

Resistant to corrosion.

### ADVANTAGES

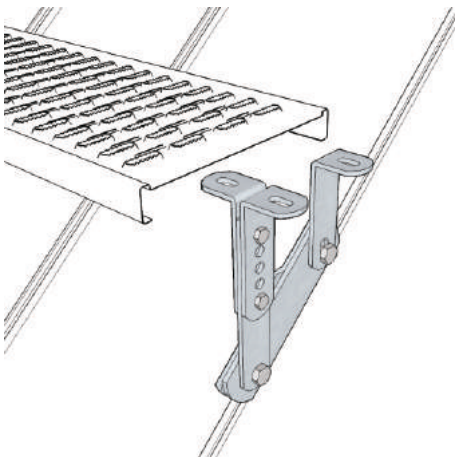
### SUPPLEMENTS

4 galvanized screws with nuts included.



The distance between chimney sweep bench brackets should not be more than 700 mm.

### INSTALLATION



TECHNICAL DATA SHEET

*	aluminum	anthra	graphite	quartz	pro
	RAL 9005	RAL 7042	RAL 7037	RAL 7024	

\* there is the possibility to order custom color for additional charge 20%

Length (mm)	Package (pcs.)	Product code
180	10	A010901...(RAL)





# STAINLESS STEEL

**MAKES WALKING ON ROOF SAFE. USED FOR SLOPING ROOFS**

## CHIMNEY SWEEP SAFETY BENCH

TECHNICAL DATA SHEET

### MATERIAL

Made from sheet of stainless steel 2 mm width.



← Stainless steel

### RESISTANCE

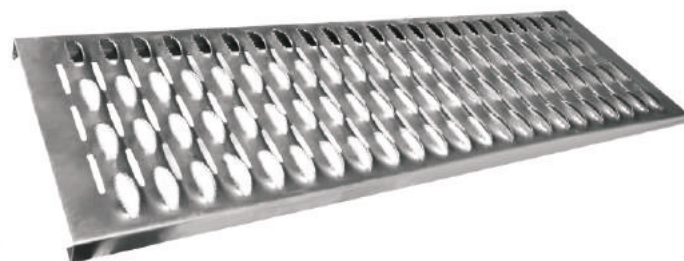
Weather conditions, UV radiation.

### ADVANTAGES

Secures the way to checkpoints. Allow chimney sweep works. Resistant to corrosion.

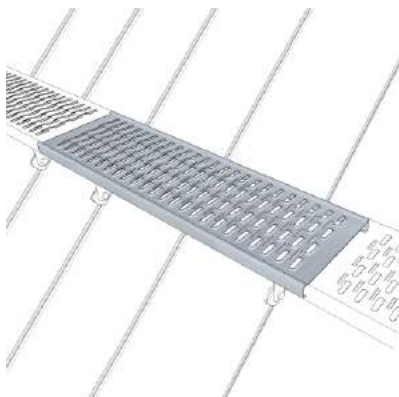


Non-slip perforation.



### INSTALLATION

The distance between chimney sweep bench brackets should not be more than 700 mm.



Stainless steel

\* Possibility to order RAL colors

Width (mm)	Length (mm)	Package (pcs.)	Product code
250	400	2	SN010104...(RAL)
250	600	2	SN010106...(RAL)
250	800	2	SN010108...(RAL)
250	1000	2	SN010110...(RAL)
250	1200	2	SN010112...(RAL)
250	1500	2	SN010115...(RAL)
250	2000	2	SN010120...(RAL)
250	2500	2	SN010125...(RAL)
250	3000	2	SN010130...(RAL)

**TOOLCO**  
roof system

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STAINLESS STEEL

ROOF WALKWAYS

# CHIMNEY SWEEP BENCH GRIP FOR DOUBLE STANDING SEAM

## ATTACHES CHIMNEY SWEEP BENCH TO STANDING SEAM SHEET



Made from sheet of stainless steel 5 mm width.

Stainless steel



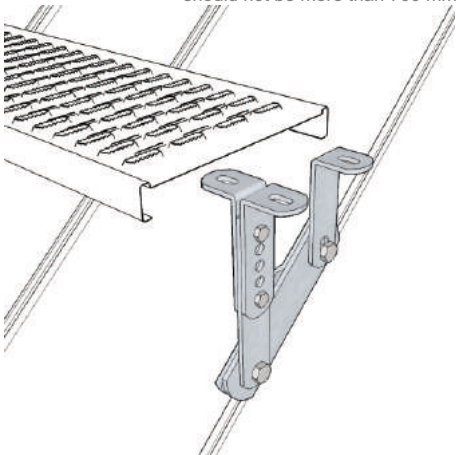
Weather conditions, UV radiations.

Resistant to corrosion.

4 stainless screws with nuts included.



The distance between chimney sweep bench brackets should not be more than 700 mm.



TECHNICAL DATA SHEET



\* Possibility to order RAL color

Length (mm)	Package (pcs.)	Product code
180	10	SN010901...(RAL)





# COPPER

**MAKES WALKING ON ROOF SAFE.  
USES FOR SLOPING ROOFS**

## CHIMNEY SWEEP SAFETY BENCH

TECHNICAL DATA SHEET

### MATERIAL

Made from sheet of copper 2 mm width.



← Copper

### RESISTANCE

Weather conditions, UV radiation.

### ADVANTAGES

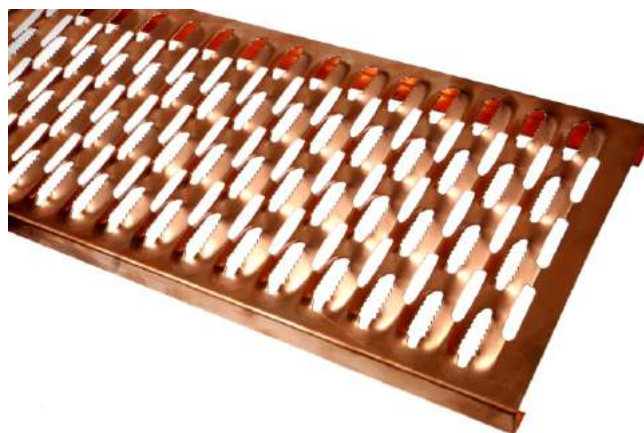
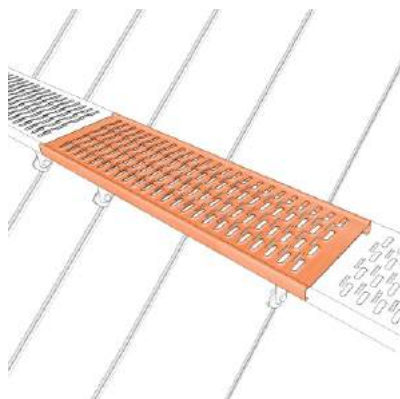
Secures the way to checkpoints. Allow chimney sweep works.  
Resistant to corrosion.



Non-slip perforation.

### INSTALLATION

The distance between chimney sweep bench brackets should not be more than 700 mm.



copper

Width (mm)	Length (mm)	Package (pcs.)	Product code
250	400	2	Cu010104
250	600	2	Cu010106
250	800	2	Cu010108
250	1000	2	Cu010110
250	1200	2	Cu010112
250	1500	2	Cu010115
250	2000	2	Cu010120
250	2500	2	Cu010125
250	3000	2	Cu010130

**TOOLCO**  
roof system

www.toolco.pl

COPPER

ROOF WALKWAYS



# ATTACHES CHIMNEY SWEEP BENCH TO STANDING SEAM SHEET



copper

Lenth (mm)	Package (pcs.)	Product code
180	10	Cu010901...(RAL)

## ATTACHES CHIMNEY SWEEP BENCH TO STANDING SEAM SHEET

Made from sheet of copper 5 mm width.

### MATERIAL

Copper



Weather conditions, aging process.

### RESISTANCE

Resistant to corrosion.

### ADVANTAGES

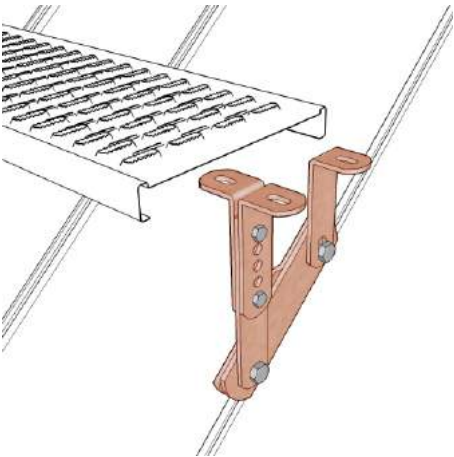
4 stainless screws with nuts included.

### SUPPLEMENTS



The distance between chimney sweep bench brackets  
should not be more than 700 mm.

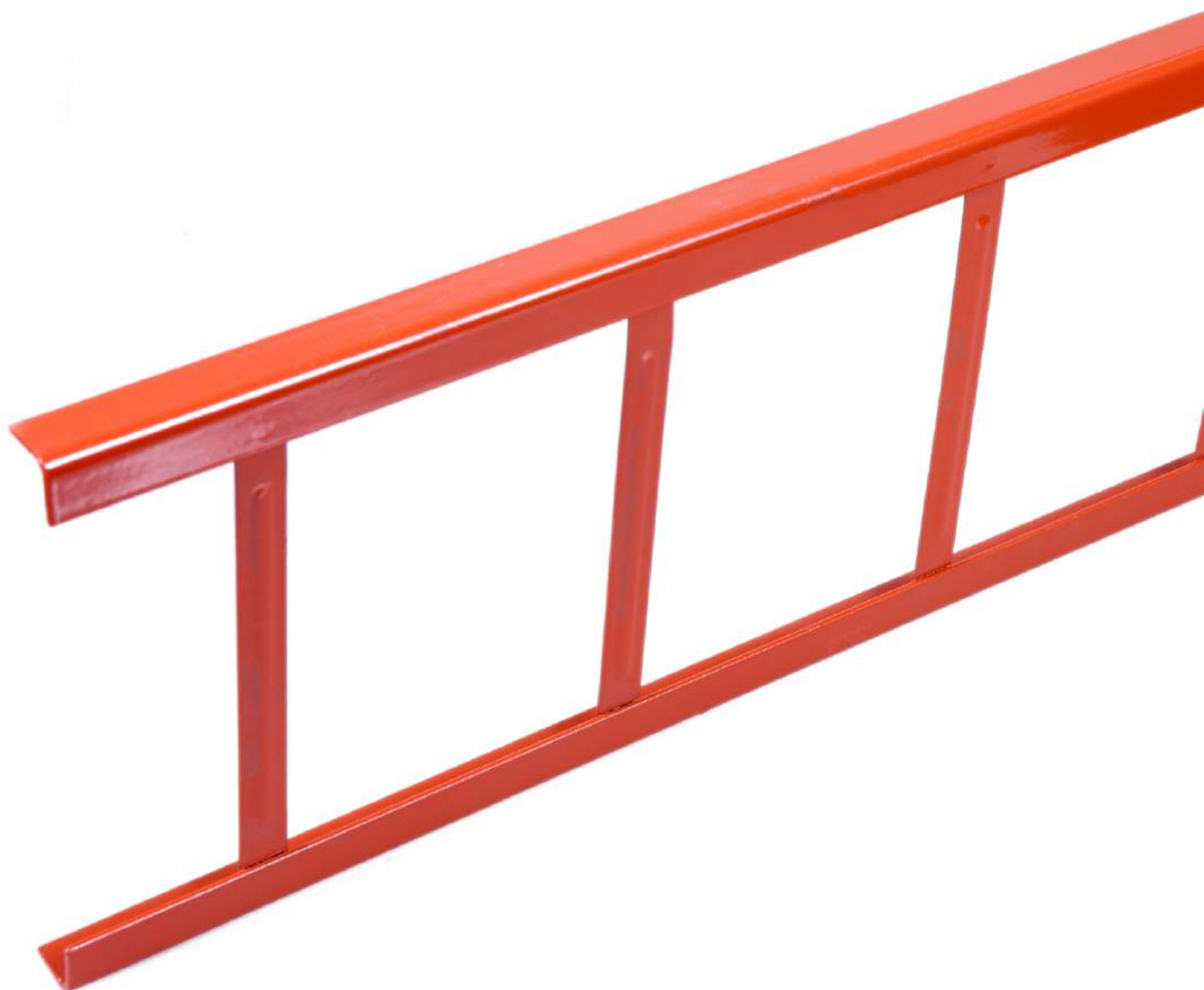
### INSTALLATION



TECHNICAL DATA SHEET

# snow protection

Snow guard system is stable and efficient solution installed on a sloping roof in order to protect the gutters and the roof area from sudden snow sliding from the roof surface. A wide range of products is available for every type of roofing. High-quality materials ensure the long-term functioning.





## SNOW GUARD FOR DC/DB TILES

DESIGNED TO INSTALL WITH THE PROPER BRACKET ON THE SLOPING ROOF TO PREVENT SNOW FROM SLIDING DOWN. USED FOR CERAMIC AND CONCRETE TILES

NEW



25 x 3 mm flat sheet.

Powder painting technology

Galvanized steel

### MATERIAL



Weather conditions, UV radiation.

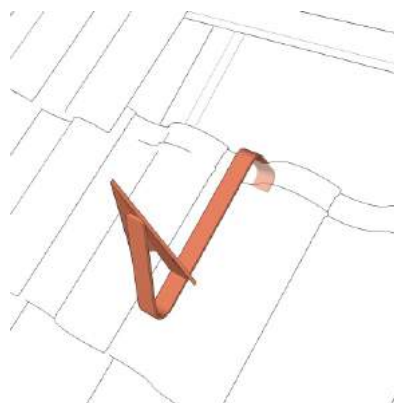
### RESISTANCE

Suitable for all types of tiles.

### ADVANTAGES

Snow guards should be placed alternately in few rows and used only as additional supplement to snow guard pipes or snow fences.

### INSTALLATION



TECHNICAL DATA SHEET

black	dark brown	brown	chestnut	brick red	antiracite	green	cherry
RAL 9005	RAL 8019	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 6020	RAL 3004
galvanized	*	* there is the possibility to order custom color for additional charge 20%					

Type	Package (pcs.)	Product code
DC/DB tile	10	023001...(RAL)



DESIGNED TO INSTALL WITH THE PROPER BRACKT ON THE SLOPING ROOF TO PREVENT SNOW FROM SLIDING DOWN. USED FOR PLAIN TILES

<b>MATERIAL</b>	25x3 mm flat sheet. <div> <div></div> <div>Powder painting technology</div> <div></div> <div>Galvanized steel</div> </div>
<b>RESISTANCE</b>	Weather donditions, UV radiation.
<b>ADVANTAGES</b>	Suitable for all types of plain tails.
<b>INSTALLATION</b>	Snow guards should be placed alternately in few rows and used only as additional supplement to snow guard pipes or snow fences.



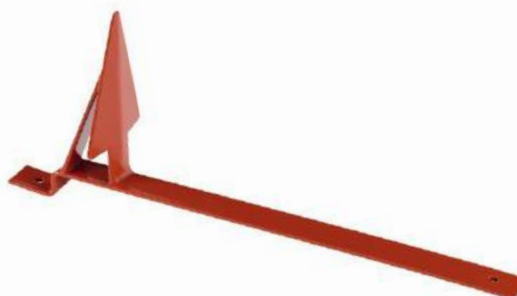
NEW

black	dark brown	brown	chestnut	brick red	anthracite	green	cherry
RAL 9005	RAL 8019	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 6020	RAL 3004
galvanized	*	* there is the possibility to order custom color for additional charge 20%					

Type	Package (pcs.)	Product code
Plain tiles	10	023002...(RAL)

DESIGNED TO INSTALL WITH THE PROPER BRACKT ON THE SLOPING ROOF TO PREVENT SNOW FROM SLIDING DOWN. USED FOR METAL SHEET TILES

<b>MATERIAL</b>	25x3 mm flat sheet. <div> <div></div> <div>Powder painting technology</div> <div></div> <div>Galvanized steel</div> </div>
<b>RESISTANCE</b>	Weather conditions, UV radiation.
<b>ADVANTAGES</b>	All types for metal sheet tiles is available.
<b>INSTALLATION</b>	Snow guards should be placed alternately in few rows and used only as additional supplement to snow guard pipes or snow fences.



NEW

black	dark brown	brown	chestnut	brick red	anthracite	green	cherry
RAL 9005	RAL 8019	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 6020	RAL 3004
galvanized	*	* there is the possibility to order custom color for additional charge20%					

Type	Package (pcs.)	Product code
350	10	023350...(RAL)
400	10	023400...(RAL)
Module	10	023535...(RAL)

DESIGNED TO INSTALL WITH THE PROPER BRACKT ON THE SLOPING ROOF TO PREVENT SNOW FROM SLIDING DOWN. INSTALL ON TRAPEZOIDAL/FLAT METAL SHEETS ROOFING AND ON SHINGLE/ROOFING PAPER

<b>MATERIAL</b>	25x3 mm flat sheet. <div> <div></div> <div>Powder painting technology</div> <div></div> <div>Galvanized steel</div> </div>
<b>RESISTANCE</b>	Weather conditions, UV radiation.
<b>ADVANTAGES</b>	Suitable for all types of flat tiles coverage.
<b>INSTALLATION</b>	Snow guards should be placed alternately in few rows and used only as additional supplement to snow guard pipes or snow fences.



NEW

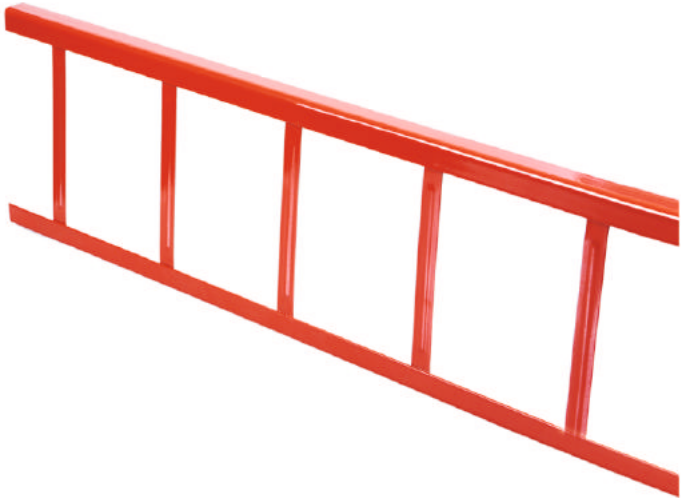
black	dark brown	brown	chestnut	brick red	anthracite	green	cherry
RAL 9005	RAL 8019	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 6020	RAL 3004
galvanized	*	* there is the possibility to order custom color for additional charge 20%					

Type	Package (pcs.)	Product code
Universal	10	023004...(RAL)

# STEEL

## SNOW STOPPER FENCE

DESIGNED TO INSTALL WITH THE PROPER  
BRACKET ON THE SLOPING ROOF TO PREVENT  
SNOW SLIDING DOWN



20 x 20 x 2 mm steel angle bar.

Powder painting technology

Galvanized steel

### MATERIAL



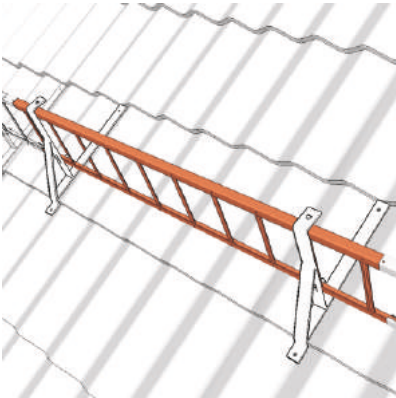
Weather conditions, UV radiation.

### RESISTANCE

Prevents from sudden snow sliding. Resistant to  
snow pressure.

### ADVANTAGES

### INSTALLATION



TECHNICAL DATA SHEET

SNOW STOPPER FENCE SYSTEM: STEEL

SNOW PROTECTION

black	dark brown	brown	chestnut	brick red	anthracite	green	cherry
RAL 9005	RAL 8019	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 6020	RAL 3004
galvanized	*	* there is the possibility to order custom color for additional charge 20%					

Type (mm)	Width (mm)	Length (mm)	Weight (kg)	Package (pcs.)	Product code
1200	200	1200	1,5	2/4	020112...(RAL)
2000	200	2000	2,5	2/4	020120...(RAL)
3000	200	3000	3,8	2/4	020130...(RAL)




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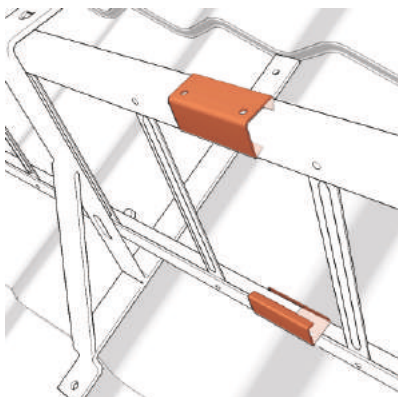


## DESIGNED FOR JOINING SNOW STOPPER FENCES INTO LONGER STRETCHES

## SNOW FENCE CONNECTOR

TECHNICAL DATA SHEET

<b>MATERIAL</b>	1 mm steel sheet.  <ul style="list-style-type: none"> <li>← Powder painting technology</li> <li>← Galvanized steel</li> </ul>
<b>RESISTANCE</b>	Weather conditions, UV radiation.
<b>ADVANTAGES</b>	Stiffens and maintains snow stopper fences in one line.
<b>INSTALLATION</b>	Two connectors are needed to join two snow stopper fences.




black	dark brown	brown	chestnut	brick red	anthracite	green	cherry
RAL 9005	RAL 8019	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 6020	RAL 3004
galvanized	*	* there is the possibility to order custom color for additional charge 20%					

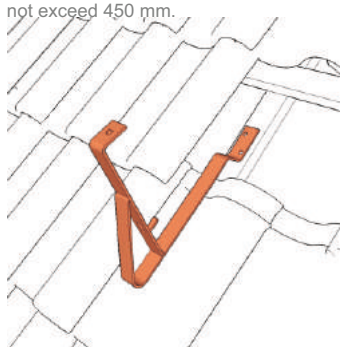
Length (mm)	Weight (kg)	Package (pcs.)	Product code
55	0,03	10	020801...(RAL)

## DESIGNED FOR INSTALLING SNOW STOPPER FENCE ON CLAY OR CONCRETE TILES

## SNOW STOPPER FENCE SUPPORT DC/DB TILES, A OR B TYPE

TECHNICAL DATA SHEET

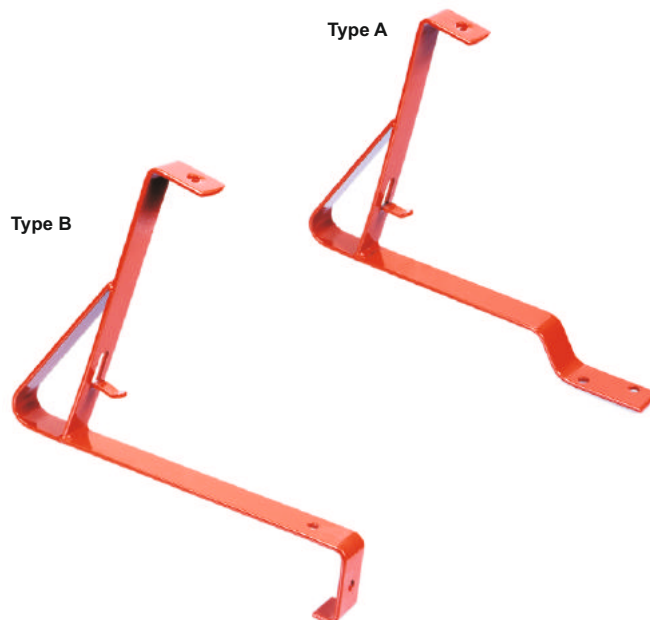
<b>MATERIAL</b>	30 x 4 mm flat steel.  <ul style="list-style-type: none"> <li>← Powder painting technology</li> <li>← Galvanized steel</li> </ul>
<b>RESISTANCE</b>	Weather conditions, UV radiation.
<b>ADVANTAGES</b>	The long base fits any kind of roof tiles. It may be installed on tiles with wave up to 59 mm height. Snap system for fast installation.
<b>INSTALLATION</b>	<b>Snow guards installation on the roof with a slope:</b> - up to 40° the distance between the supports should not exceed 600 mm - more than 40° the distance between the supports should not exceed 450 mm.



**Type A**  
Installed with an additional batten



**Type B**  
Installed directly on the batten



black	dark brown	brown	chestnut	brick red	anthracite	green	cherry
RAL 9005	RAL 8019	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 6020	RAL 3004
galvanized	*	* there is the possibility to order custom color for additional charge 20%					

Type	Length (mm)	Weight (kg)	Package (pcs.)	Product code
A	350	0,90	10	020401...(RAL)
B	325	0,86	10	020402...(RAL)

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SNOW STOPPER FENCE: STEEL

SNOW PROTECTION



## SNOW STOPPER FENCE SUPPORT PLAIN TILES

### DESIGNED FOR INSTALLING SNOW STOPPER FENCE ON PLAIN TILES



black	dark brown	brown	chestnut	brick red	anthracite	green	cherry
RAL 9005	RAL 8019	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 6020	RAL 3004
galvanized	*	* there is the possibility to order custom color for additional charge 20%					

Type	Length (mm)	Weight (kg)	Package (pcs.)	Product code
40 batten	485	1,05	10	020440...(RAL)
50 batten	485	1,08	10	020450...(RAL)

MATERIAL
30x4 mm flat steel
Powder painting technology
Galvanized steel

Weather conditions, UV radiation.

**RESISTANCE**

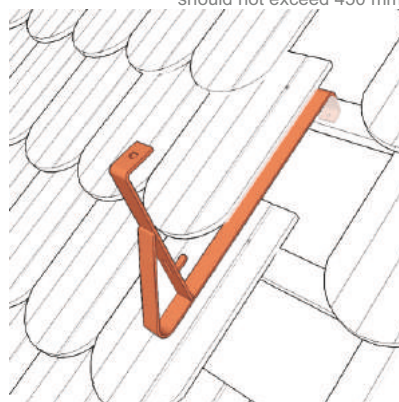
The long base fits any kind of plain roof tiles.  
Snap system for fast installation.

**ADVANTAGES**

**INSTALLATION**

**Snow guards installation on the roof with a slope:**

- up to 40° the distance between the supports should not exceed 600 mm,
- more than 40° the distance between the support should not exceed 450 mm.



TECHNICAL DATA SHEET

## SNOW STOPPER FENCE SUPPORT METAL SHEET TILES

### DESIGNED FOR INSTALLING SNOW STOPPER FENCE ON METAL SHEET TILES



black	dark brown	brown	chestnut	brick red	anthracite	green	cherry
RAL 9005	RAL 8019	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 6020	RAL 3004
galvanized	*	* there is the possibility to order custom color for additional charge 20%					

Type	Weight (kg)	Package (pcs.)	Product code
350	0,92	10	020535...(RAL)
400	1,02	10	020540...(RAL)
460	1,10	10	020546...(RAL)
Module	0,95	10	020535/35...(RAL)

MATERIAL
30x4 mm flat steel.
Powder painting technology
Galvanized steel

Weather conditions, UV radiation.

**RESISTANCE**

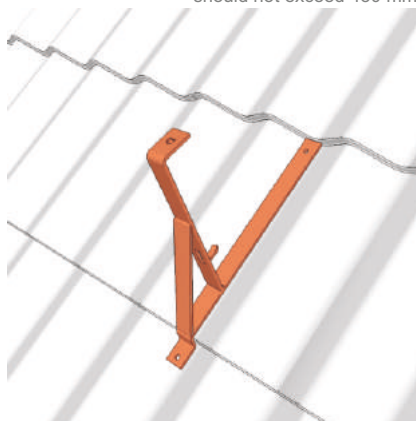
Easy and fast installation.  
It may be installed on tiles with wave up to 59 mm height. Snap system for fast installation.

**ADVANTAGES**

**INSTALLATION**

**Snow guards installation on the roof with a slope:**



- up to 40° the distance between the supports should not exceed 600 mm,
- more than 40° the distance between the supports should not exceed 450 mm.



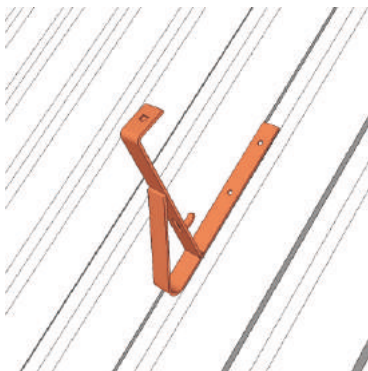
TECHNICAL DATA SHEET

DESIGNED FOR INSTALLING SNOW STOPPER FENCE ON FLAT TRAPEZOIDAL ROOFING

SNOW STOPPER FENCE SUPPORT UNIVERSAL (FLAT)

<b>MATERIAL</b>	30x4 mm flat steel. <div>  Powder painting technology   Galvanized steel </div>
<b>RESISTANCE</b>	Weather conditions, UV radiation.
<b>ADVANTAGES</b>	Easy and fast installation. It may be installed on tiles with wave up to 59 mm height. Snap system for fast installation.

<b>INSTALLATION</b>	<b>Snow guards installation on the roof with a slope:</b> - up to 40° the distance between the supports should not exceed 600 mm, - more than 40° the distance between the supports should not exceed 450 mm.
---------------------	---






black	dark brown	brown	chestnut	brick red	anthracite	green	cherry
RAL 9005	RAL 8019	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 6020	RAL 3004
galvanized	*	* there is the possibility to order custom color for additional charge 20%					


Length (mm)	Weight (kg)	Package (pcs.)	Product code
295	0,85	10	020601...(RAL)

USED FOR STANDING SEAM SHEET

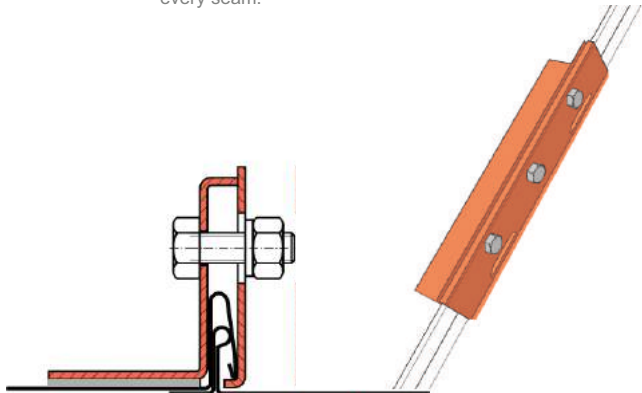
GRIP FOR STANDING SEAM

<b>MATERIAL</b>	2 mm steel sheet <div>  Powder painting technology   Galvanized steel </div>
	<div>  High-quality protective foam. </div>

<b>RESISTANCE</b>	Weather conditions, UV radiation.
<b>ADVANTAGES</b>	Easy and fast installation. Universal grip fits standing seam with wave from 25 mm to 35 mm.

<b>SUPPLEMENTS</b>	<div>  5 galvanized screws with pads and nuts included. </div>
--------------------	---

<b>INSTALLATION</b>	Grips with snow guards should be installed on every seam.
---------------------	---



Universal snow stopper fence support is needed for complete installation of snow stopper fence.(product code: 020601...(RAL))

black	dark brown	brown	chestnut	brick red	anthracite	green	cherry
RAL 9005	RAL 8019	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 6020	RAL 3004
galvanized	*	* there is the possibility to order custom color for additional charge 20%					

Type	Weight (kg)	Package (pcs.)	Product code
Click	0,85	10	010901...(RAL)
Click S	0,85	10	010902...(RAL)

SNOW PROTECTOR

FITS MOST TYPES OF PLAIN AND METAL SHEET  
TILES



black

dark brown

brown

chestnut

brick red

anthracite

green

cherry

RAL 9005

RAL 8019

RAL 8017

RAL 8012

RAL 8004

RAL 7016

RAL 6020

RAL 3004

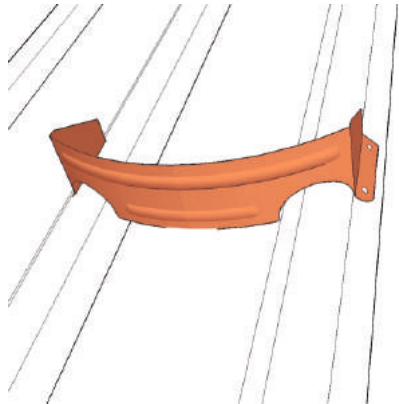
galvanized

\*

\* there is the possibility to order custom color for additional charge 20%

Type	Weight (kg)	Package (pcs.)	Product code
shine coating	0,1	10	024002...(RAL)
mat coating	0,1	10	024001...(RAL)

- MATERIAL
- 2 mm steel sheet
- Powder painting technology
- Galvanized steel
- RESISTANCE
- Weather conditions, UV radiation.
- ADVANTAGES
- East and fast installation. Universal snow protector fits most types of plain and metal sheet tiles.
- INSTALLATION



TECHNICAL DATA SHEET



USED AS A BARRIER AGAINST SNOW. INSTALLED WITH SPECIAL BRACKET ON THE SLOPING ROOF

## SNOW GUARD PIPE

TECHNICAL DATA SHEET

### MATERIAL

30 x 1,5 x 2000 mm pipe.



- ← Powder painting technology
- ← Aluminum

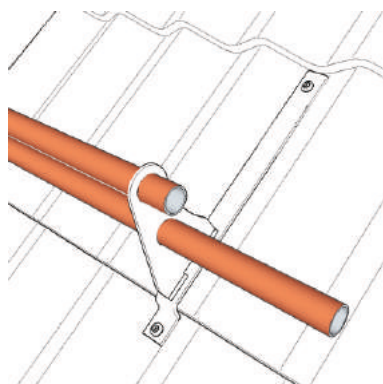
### RESISTANCE

Weather conditions, UV radiation.

### ADVANTAGES

Fits every type of roofing. Resistant to snow pressure. Aesthetics and high quality of the product.

### INSTALLATION



black	dark brown	brown	chestnut	brick red	anthracite	green	cherry
RAL 9005	RAL 8019	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 6020	RAL 3004
aluminum	*	* there is the possibility to order custom color for additional charge 20%					

Length (mm)	Weight (kg)	Package (pcs.)	Product code
2000	2,25	10	A022120...(RAL)

## INTERNAL PIPE CONNECTOR

DESIGNED FOR CONNECING SNOW GUARD  
PIPES INTO LONGER LINES



black

Length (mm)	Package (pcs.)	Product code
73	10	021401

Plastic.

### MATERIAL

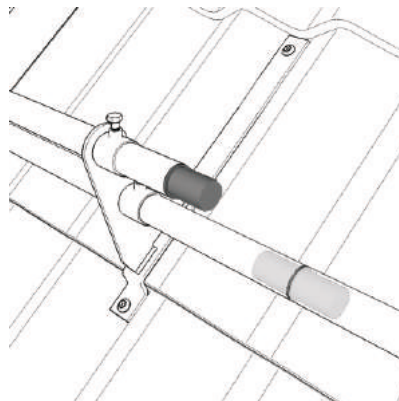
Weather conditions, UV radiation.

### RESISTANCE

Stiffens and maintains snow guard pipes in one straight line.

### ADVANTAGES

### INSTALLATION



TECHNICAL DATA SHEET

## SNOW GUARD PIPE LOCK

BLOCKS PIPE FROM SLIPPING OUT OF THE  
SUPPORTS



34 x 1,5 x 30 mm pipe. Galvanized clamping screw M6.

Powder painting technology

Galvanized steel

### MATERIAL

Weather conditions, UV radiation.

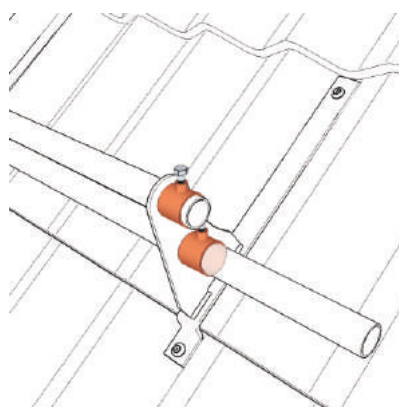
### RESISTANCE

Fast and easy installation. Aesthetics and high quality of the product.

### ADVANTAGES

The lock should be installed on both ends of the pipe.

### INSTALLATION



TECHNICAL DATA SHEET

PIPE SYSTEM: STEEL

black	dark brown	brown	chestnut	brick red	anthracite	green	cherry
RAL 9005	RAL 8019	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 6020	RAL 3004
galvanized	*	* there is the possibility to order custom color for additional charge 20%					

Weight (kg)	Package (pcs.)	Product code
0,05	10	022201...(RAL)

**TOOLCO**  
roof system

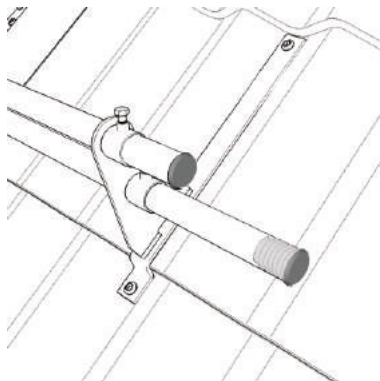
www.toolco.pl

SNOW PROTECTION

PREVENTS FROM WATER GETTING INSIDE AND PERFORMS AESTHETIC FUNCTION

# SNOW GUARD PIPE PLUG

<b>MATERIAL</b>	Plastic.
<b>RESISTANCE</b>	Weather conditions, UV radiation.
<b>ADVANTAGES</b>	Fast and easy installation. Aesthetics and high quality of the product.
<b>INSTALLATION</b>	



black

Package  
(pcs.)

10

Product code

021301

USED FOR INSTALLATION PIPES ON THE ROOF COVERING AS STANDING SEAM

# SNOW GUARD PIPE BRACKET FOR STANDING SEAM

<b>MATERIAL</b>	2 mm i 3 mm steel sheet. <div>  Powder painting technology   Galvanized steel </div>
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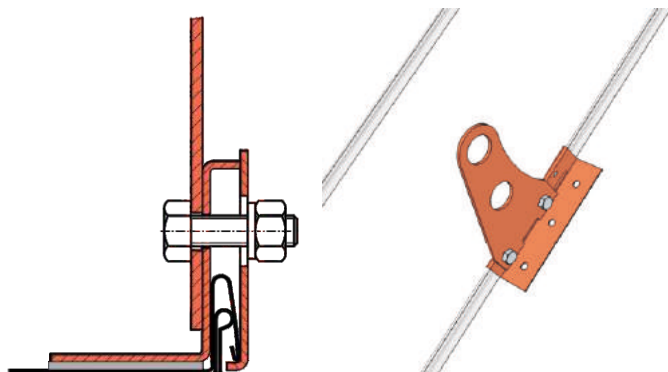


High-quality protective foam.

<b>RESISTANCE</b>	Weather conditions, UV radiation.
<b>ADVANTAGES</b>	Fast and easy installation. Aesthetics and high quality of the product. The bracket fits standing seam with wave from 25 mm to 35 mm.

<b>SUPPLEMENTS</b>	3 galvanized screws with pads and nuts included.
--------------------	--

<b>INSTALLATION</b>	Brackets with snow guard pipes should be installed on every seam.
---------------------	---



1-pipe



2-pipe



3-pipe



Type	Length (mm)	Height (mm)	Weight (kg)	Package (pcs.)	Product code
1-pipe	260	116	2,25	10	022401...(RAL)
2-pipe	260	181	2,30	10	022402...(RAL)
3-pipe	260	218	2,35	10	022403...(RAL)

black	dark brown	brown	chestnut	brick red	anthracite	green	cherry
RAL 9005	RAL 8019	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 6020	RAL 3004
galvanized	*	* there is the possibility to order custom color fro additional charge 20%					

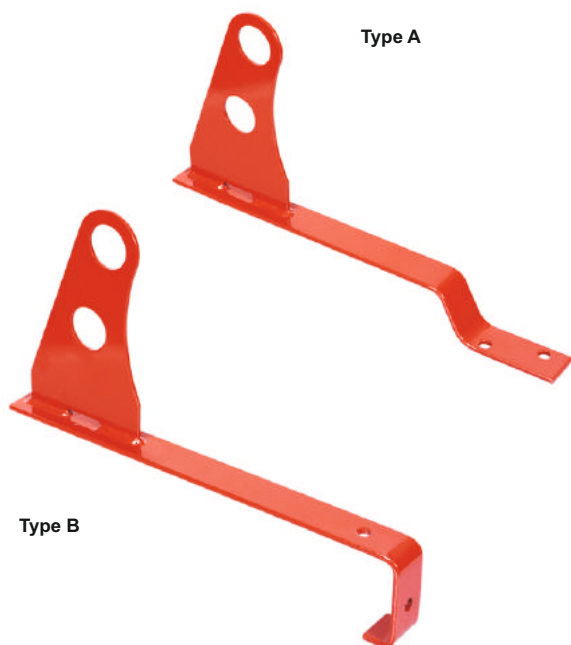
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roof system

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## 2-PIPE SNOW GUARD BRACKET DC/DB TILES, A OR B TYPE

### DESIGNED FOR INSTALLING SNOW GUARD PIPES ON CLAY OR CONCRETE TILES



Type A

Type B

black	dark brown	brown	chestnut	brick red	anthracite	green	cherry
RAL 9005	RAL 8019	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 6020	RAL 3004
galvanized	*	* there is the possibility to order custom color for additional charge 20%					

Type	Length (mm)	Weight (kg)	Package (pcs.)	Product code
A	350	0,70	10	022701...(RAL)
B	325	0,69	10	022760...(RAL)

30x4 mm flat steel.	<b>MATERIAL</b>
Powder painting technology	
Galvanized steel	

Weather conditions, UV radiation.

#### RESISTANCE

The bracket fits every type of tile. It may be installed on tiles with wave up to 59 mm height. Aesthetics and high quality of the product.

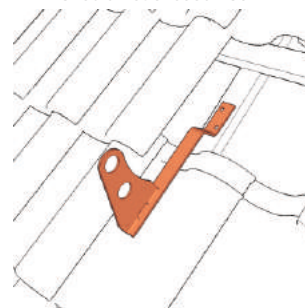
#### ADVANTAGES

#### Snow guard pipes installation on the roof with a slope:

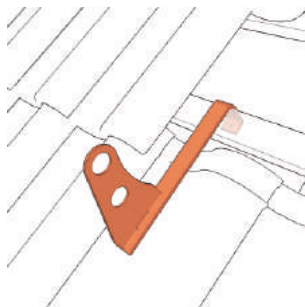
- up to 40° the distance between the supports should not exceed 600 mm,
- more than 40° the distance between the supports should not exceed 450 mm.

#### INSTALLATION

Type A  
Attached with  
additional batten



Type B  
Attached directly  
on the batten



TECHNICAL DATA SHEET

## 2-PIPE SNOW GUARD BRACKET PLAIN TILES

### DESIGNED FOR INSTALLING SNOW GUARD PIPES ON PLAIN TILES



black	dark brown	brown	chestnut	brick red	anthracite	green	cherry
RAL 9005	RAL 8019	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 6020	RAL 3004
galvanized	*	* there is the possibility to order custom color for additional charge 20%					

Type	Length (mm)	Weight (kg)	Package (pcs.)	Product code
40 batten	485	0,80	10	022840...(RAL)
50 batten	485	0,82	10	022850...(RAL)
60 batten	485	0,84	10	022860...(RAL)

30x4 mm flat steel.	<b>MATERIAL</b>
Powder painting technology	
Galvanized steel	

Weather conditions, UV radiation.

#### RESISTANCE

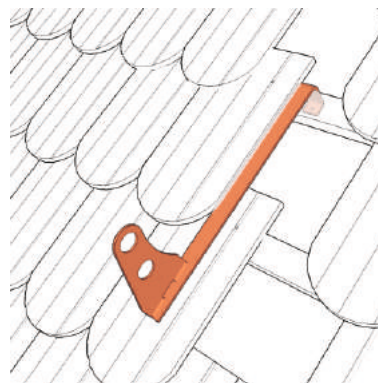
The long base fits any kind of roof tiles.

#### ADVANTAGES

#### Snow guards pipes installation on the roof with a slope:

- up to 40° the distance between the supports should not exceed 600 mm,
- more than 40° the distance between the supports should not exceed 450 mm.

#### INSTALLATION



TECHNICAL DATA SHEET

## DESIGNED FOR INSTALLING SNOW GUARD PIPES ON METAL SHEET TILES

## 2-PIPE SNOW GUARD BRACKET METAL SHEET TILES

TECHNICAL DATA SHEET

<b>MATERIAL</b>	30 x 4mm flat steel. <div> <div></div> Powder painting technology  <div></div> Galvanized steel </div>
<b>RESISTANCE</b>	Weather conditions, UV radiations.
<b>ADVANTAGES</b>	Easy and fast to install. Aesthetics and high quality of the product.
<b>INSTALLATION</b>	<b>Snow guard pipes installation on the roof with a slope:</b> - up to 40° the distance between the supports should not exceed 600 mm, - more than 40° the distance between the supports should not exceed 450 mm.



black	dark brown	brown	chestnut	brick red	anthracite	green	cherry
RAL 9005	RAL 8019	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 6020	RAL 3004
galvanized	*	* there is the possibility to order custom color for additional charge 20%					

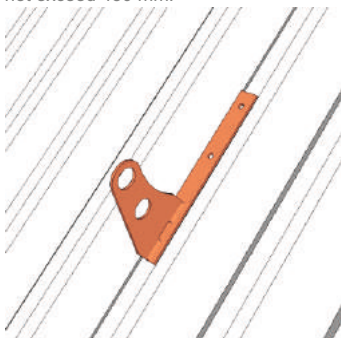
Type	Weight (kg)	Package (pcs.)	Product code
350	0,92	10	020535...(RAL)
400	1,02	10	020540...(RAL)
460	1,10	10	020546...(RAL)
Module	0,95	10	020535/35...(RAL)

## DESIGNED FOR INSTALLING SNOW GUARD PIPES ON FLAT TRAPEZOIDAL ROOFING

## 2-PIPE SNOW GUARD BRACKET UNIVERSAL (FLAT)

TECHNICAL DATA SHEET

<b>MATERIAL</b>	30 x 4 mm flats steel <div> <div></div> Powder painting technology  <div></div> Galvanized steel </div>
<b>RESISTANCE</b>	Weather conditions, UV radiation.
<b>ADVANTAGES</b>	Easy and fast to install. Aesthetics and high quality of the product.
<b>INSTALLATION</b>	<b>Snow guard pipes installation on the roof with a slope:</b> - up to 40° the distance between the supports should not exceed 600 mm, - more than 40° the distance between the supports should not exceed 450 mm.



black	dark brown	brown	chestnut	brick red	anthracite	green	cherry
RAL 9005	RAL 8019	RAL 8017	RAL 8012	RAL 8004	RAL 7016	RAL 6020	RAL 3004
galvanization	*	* there is the possibility to order custom color for additional charge 20%					

Length (mm)	Weight (kg)	Package (pcs.)	Product code
295	0,65	10	022601...(RAL)

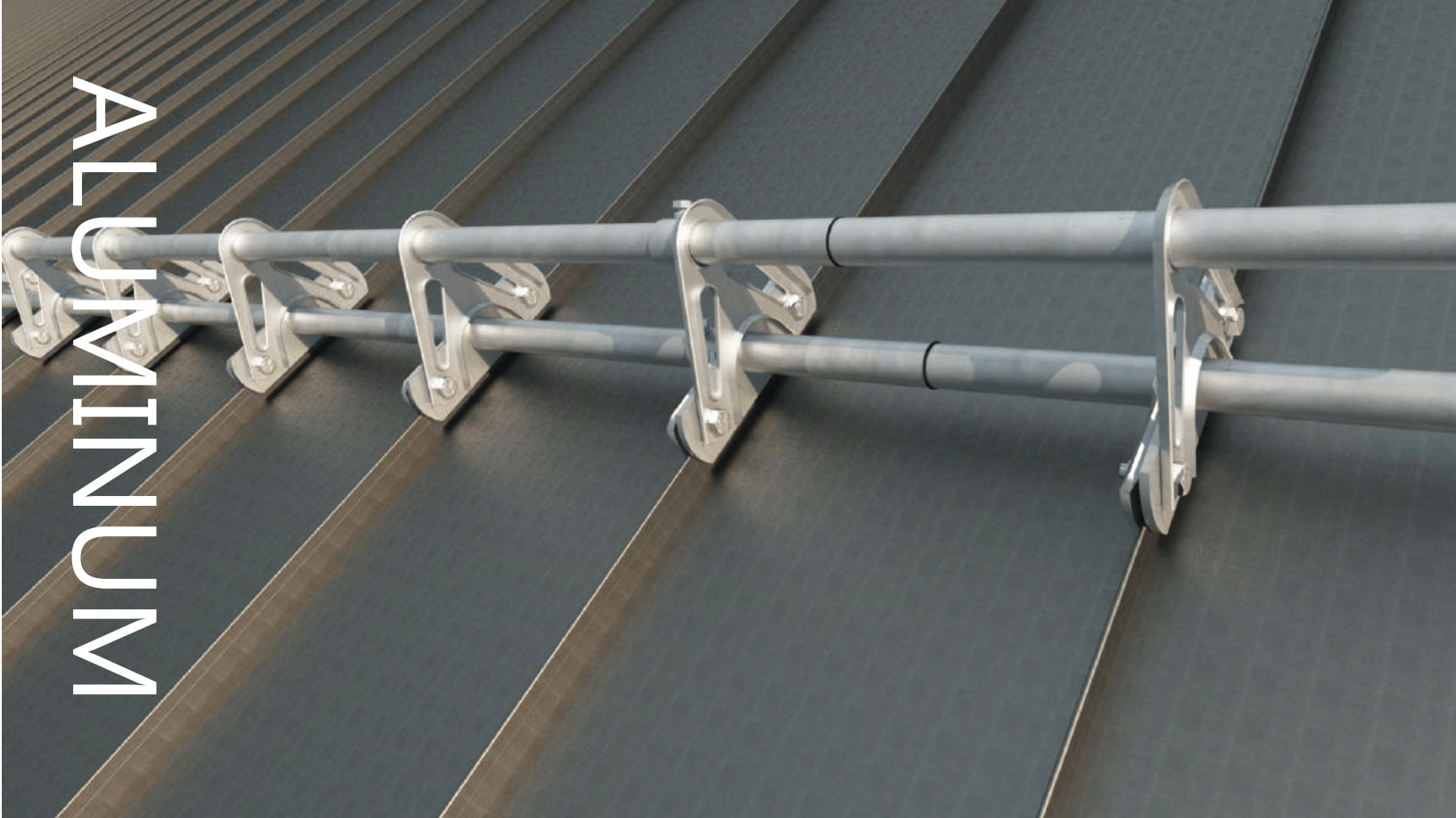
**TOOLCO**  
roof system

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PIPE SYSTEM: STEEL

SNOW PROTECTION

# ALUMINUM



## SNOW GUARD PIPE

USED AS A BARRIER AGAINST SNOW.  
INSTALLED WITH SPECIAL BRACKET  
ON THE SLOPING ROOF



### MATERIAL

30 x 2 x 2000 mm pipe.  
Powder painting technology ----->  
Aluminum ----->



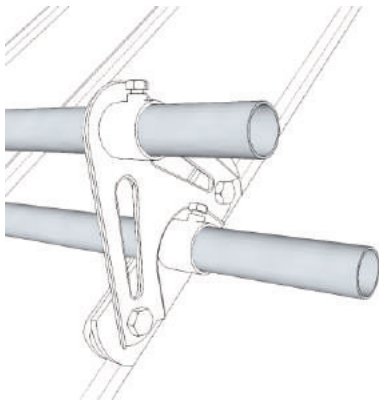
### RESISTANCE

Weather conditions, UV radiation.

### ADVANTAGES

Aluminum - resistant to corrosion. Resistant to snow pressure. Aesthetics and high quality of the product.

### INSTALLATION



TECHNICAL DATA SHEET

PIPE SYSTEM: ALUMINUM

*	aluminum	anthra	graphite	quartz	pro
	RAL 9005	RAL 7042	RAL 7037	RAL 7024	

\* there is the possibility to order custom color for additional charge 20%

Length (mm)	Package (pcs.)	Product code
2000	10	A022120...(RAL)

SNOW PROTECTION



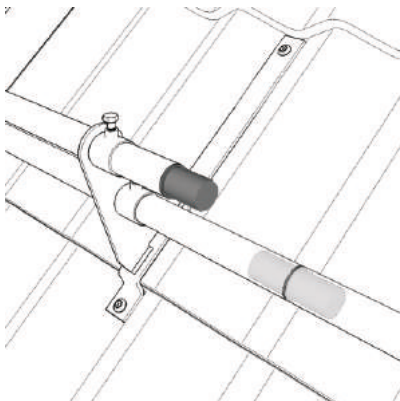
www.toolco.pl



DESIGNED FOR CONNECTING SNOW GUARD  
PIPES INTO LONGER LINES

INTERNAL PIPE CONNECTOR

<b>MATERIAL</b>	Plastic.
<b>RESISTANCE</b>	Weather conditions, UV radiation.
<b>ADVANTAGES</b>	Stiffens and maintains snow guard pipes in one straight line.
<b>INSTALLATION</b>	



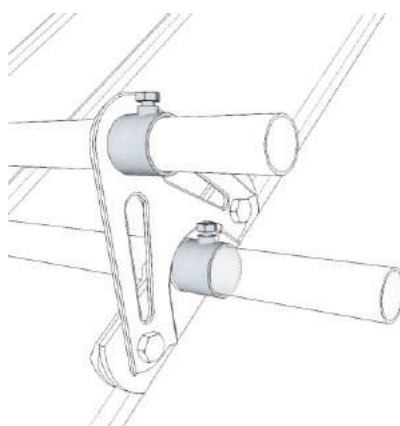
black

Length (mm)	Package (pcs.)	Product code
73	10	021401

BLOCKS PIPE FROM SLIPPING OUT OF THE  
SUPPORTS

SNOW GUARD PIPE LOCK

<b>MATERIAL</b>	34 x 1,5 x 30 mm pipe. Galvanized clamping screw M6. <div> <ul style="list-style-type: none"> <li>← Powder painting technology</li> <li>← Aluminum</li> </ul> </div>
<b>RESISTANCE</b>	Weather conditions, UV radiation.
<b>ADVANTAGES</b>	Aluminum-resistant to corrosion. Fast and easy installation. Aesthetics and high quality of the product.
<b>INSTALLATION</b>	The lock should be installed on both ends of the pipe.



*	aluminum	anthra	graphite	quartz	pro
	RAL 9005	RAL 7042	RAL 7037	RAL 7024	

\* there is the possibility to order custom color for additional charge 20%

Length (kg)	Package (pcs.)	Product code
0,05	10	A022201...(RAL)

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# SNOW GUARD PIPE PLUG

PREVENTS FROM WATER GETTING INSIDE AND PERFORMS AESTHETIC FUNCTION



black

Package  
(pcs.)

10

Product code

021301

Plastic.

MATERIAL

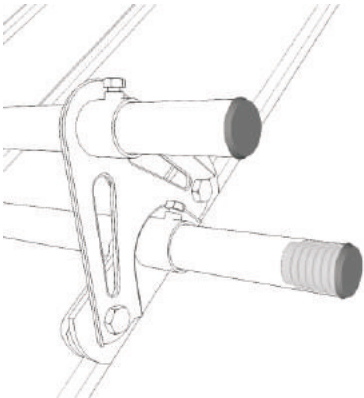
Weather conditions, UV radiation.

RESISTANCE

Fast and easy installation. Aesthetics and high quality of the product.

ADVANTAGES

INSTALLATION



TECHNICAL DATA SHEET

# 1-PIPE SNOW GUARD BRACKET FOR STANDING SEAM

DESIGNED FOR INSTALLING SNOW GUARD PIPES ON ROOFING WITH STANDING SEAM



50 x 5 mm flat steel.

Powder painting technology

Aluminum

MATERIAL

Weather conditions, UV radiation.

RESISTANCE

Aluminum-resistant to corrosion. Fast and easy installation. Aesthetics and high quality of the product.

ADVANTAGES

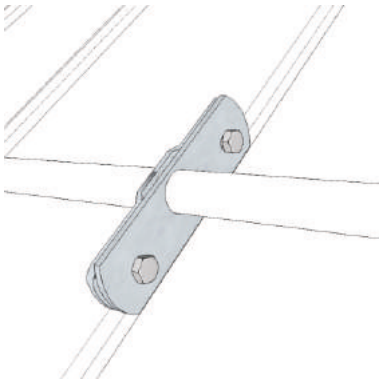
Brackets with snow guard pipes should be installed on every seam.

SUPPLEMENTS



Brackets with snow guard pipes should be installed on every seam.

INSTALLATION



TECHNICAL DATA SHEET

\*

aluminum

anthra

graphite

quartz

pro

RAL 9005

RAL 7042

RAL 7037

RAL 7024

\* there is the possibility to order custom color for additional charge 20%

Length  
(mm)

180

Package  
(pcs.)

10

Product code

A022401...(RAL)

TOOLCO  
roof system

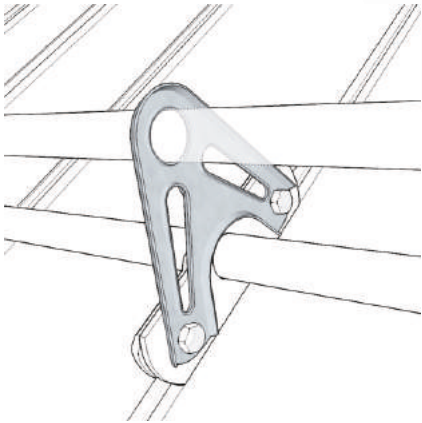
www.toolco.pl

PIPE SYSTEM: ALUMINUM

SNOW PROTECTION

EXTRA ELEMENT THAT MAY BE ADDED TO 1-PIPE SNOW GUARD BRACKET FOR STANDING SEAM AND FORM A 2-PIPE SNOW GUARD BRACKET

MATERIAL	2 mm aluminum sheet Powder painting technology Aluminum
RESISTANCE	Weather conditions, UV radiation.
ADVANTAGES	Aluminum-resistant to corrosion. Fast and easy installation. Aesthetics and high quality of the product.
INSTALLATION	Brackets with snow guard pipes should be installed on every seam.



SECOND PIPE BRACKET



1-pipe snow guard bracket for standing seam is needed for complete installation of second pipe bracket (product code A022401)

*	aluminium	anthra	grafit	quartz	pro
	RAL 9005	RAL 7042	RAL 7037	RAL 7024	

\* there is the possibility to order custom color for additional charge 20%

Package (pcs.)	Product code
10	A022402...(RAL)



# STAINLESS STEEL



## SNOW GUARD PIPE

USED AS A BARRIER AGAINST SNOW.  
INSTALLED WITH SPECIAL BRACKET  
ON THE SLOPING ROOF

NEW



PIPE SYSTEM: STAINLESS STEEL



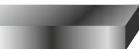
\* Possibility to order RAL color

Length (mm)	Package (pcs.)	Product code
2000	10	SN022120...(RAL)

30 x 2 x 2000 mm pipe.

Stainless steel

### MATERIAL



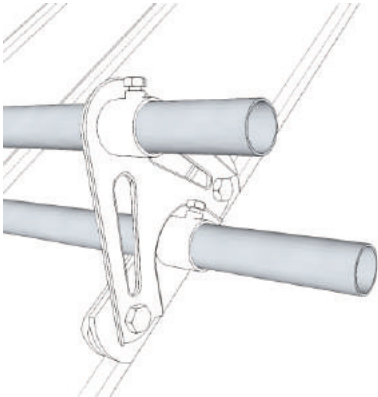
Weather conditions, UV radiation.

### RESISTANCE

Product made of stainless steel-resistant to corrosion. Resistant to snow pressure. Aesthetic and high quality of the product

### ADVANTAGES

### INSTALLATION



TECHNICAL DATA SHEET

SNOW PROTECTION

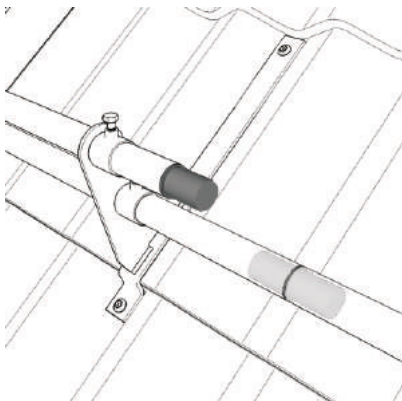


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DESIGNED FOR CONNECTING SNOW GUARD  
PIPES INTO LONGER LINES

INTERNAL PIPE CONNECTOR

MATERIAL	Plastic.
RESISTANCE	Weather conditions, aging processes.
ADVANTAGES	Stiffens and maintains snow guard pipes in one straight line.
INSTALLATION	



black

Length (mm)	Package (pcs.)	Product code
73	10	021401

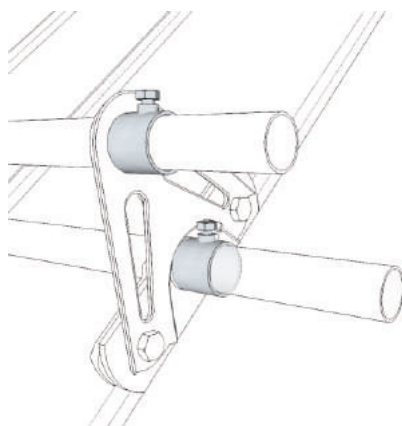
BLOCKS PIPE FROM SLIPPING OUT OF THE  
SUPPORTS

SNOW GUARD PIPE LOCK

MATERIAL	34 x 1,5 x 30 mm. Stainless steel.
RESISTANCE	Weather conditions, resistant to corrosion.
ADVANTAGES	Fast and easy installation. Aesthetics and product high quality.
INSTALLATION	The lock should be installed on both ends of the pipe.



← Stainless steel



NEW



\* Possibility to order RAL color

Weight (kg)	Package (pcs.)	Product code
0,05	10	SN022201...(RAL)

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## SNOW GUARD PIPE PLUG

PREVENTS FROM WATER GETTING INSIDE  
AND PERFORMS AESTHETIC FUNCTION



black

Package  
(pcs.)

10

Product code

021301

### MATERIAL

Plastic.

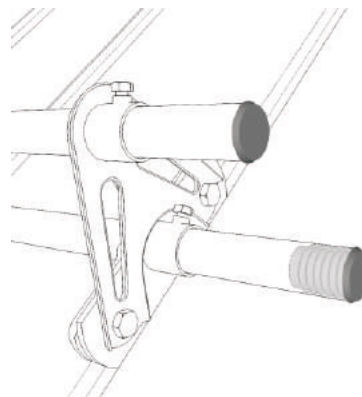
### RESISTANCE

Weather conditions, UV radiation.

### ADVANTAGES

Fast and easy installation. Aesthetics and high quality of the product.

### INSTALLATION



TECHNICAL DATA SHEET

## 1-PIPE SNOW GUARD GRIP FOR STANDING SEAM

DESIGNED FOR INSTALLING SNOW GUARD  
PIPES ON ROOFING WITH DOUBLE  
STANDING SEAM

NEW



50 x 5 mm flat sheet from stainless steel.

### MATERIAL

Stainless steel

### RESISTANCE

Weather conditions, UV radiation.

### ADVANTAGES

Product made of stainless steel-resistant to corrosion.  
Fast and easy installation. Aesthetics and product high quality.

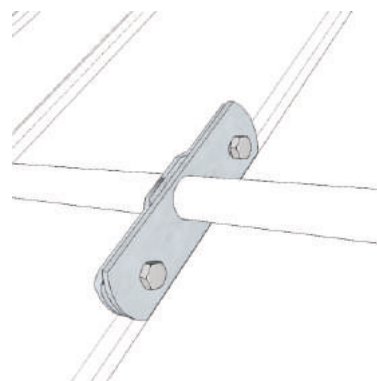
### SUPPLEMENTS

2 stainless steel screws M12 with nuts included.



### INSTALLATION

Grips with snow guard pipes should be installed on every seam.



stainless steel

\* Possibility to order RAL color

Length  
(mm)

180

Package  
(pcs.)

10

Product code

SN022401...(RAL)

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TECHNICAL DATA SHEET



EXTRA ELEMENT THAT MAY BE ADDED TO 1-PIPE  
SNOW GUARD GRIP FOR STANDING SEAM AND  
FORM A 2-PIPE SNOW GUARD GRIP

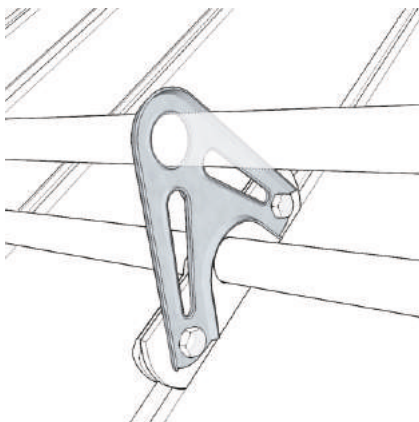
SNOW PIPE GRIP FOR  
SECOND PIPE

TECHNICAL DATA SHEET

MATERIAL	2 mm sheet from stainless steel.
RESISTANCE	Weather conditions, UV radiation.
ADVANTAGES	Product made of stainless steel-reistat to corrosion. Fast and easy installation. Aesthetics and product high quality.
INSTALLATION	Grips with snow guard pipes should be installed on every seam.



← Stainless steel.



1-pipe snow guard bracket for  
standing seam is needed for  
complete installation of second  
pipe bracket  
(product code SN022401)



\* Possibility to order RAL color

Package (pcs.)	Product code
10	SN022402...(RAL)

# COPPER

## SNOW GUARD PIPE

USED AS A BARRIER AGAINST SNOW.  
INSTALLED WITH SPECIAL BRACKET  
ON THE SLOPING ROOF

30 x 1,5 x 2000 mm pipe.

### MATERIAL

Copper



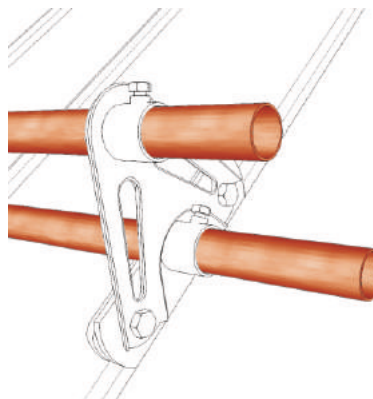
Weather conditions, UV radiation.

### RESISTANCE

Product made of copper-resistant to corrosion.  
Prevents from sudden snow sliding from the roof surface.  
Resistant to snow pressure.  
Aesthetics and high quality of the product.

### ADVANTAGES

### INSTALLATION



TECHNICAL DATA SHEET

NEW



copper

Length  
(mm)  
2000

Package  
(pcs.)  
10

Product code  
Cu022120

PIPE SYSTEM: COPPER

SNOW PROTECTION

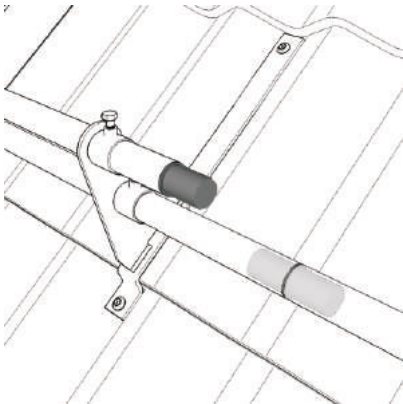
**TOOLCO**  
roof system

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DESIGNED FOR CONNECTING SNOW GUARD  
PIPES INTO LONGER LINES

INTERNAL PIPE CONNECTOR

MATERIAL	Plastic.
RESISTANCE	Weather conditions, UV radiation.
ADVANTAGES	Stiffens and maintains snow guard pipes in one straight line.
INSTALLATION	



black

Length (mm)	Package (pcs.)	Product code
73	10	021401

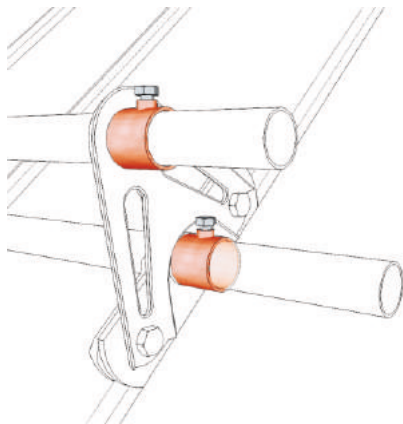
BLOCKS PIPE FROM SLIPPING OUT OF THE  
SUPPORTS

SNOW GUARD PIPE LOCK

MATERIAL	34 x 1,5 x 30 mm pipe. Galvanized clamping screw M6.
RESISTANCE	Weather conditions, UV radiation.
ADVANTAGES	Product made of copper-resistant to corrosion. Fast and easy installation. Aesthetics and high quality of the product.
INSTALLATION	The lock should be installed on both ends of the pipe.



Copper



copper

Package (kg)	Package (pcs.)	Product code
0,05	10	Cu022201



SNOW GUARD PIPE PLUG

PREVENTS FROM WATER GETTING INSIDE  
AND PERFORMS AESTHETIC FUNCTION



black

Package  
(pcs.)

10

Product code

021301

Plastic.

MATERIAL

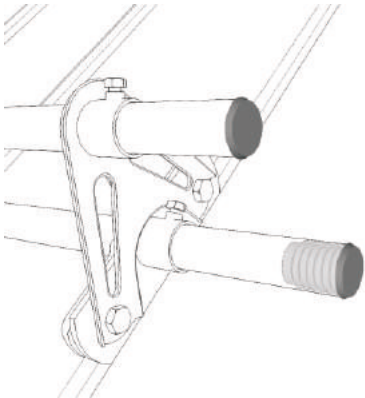
Weather conditions, UV radiation.

RESISTANCE

Fast and easy installation. Aesthetics and high quality of the product.

ADVANTAGES

INSTALLATION



TECHNICAL DATA SHEET

1-PIPE SNOW GUARD PIPE BRACKET  
FOR STANDING SEAM

DESIGNED FOR INSTALLING SNOW GUARD  
PIPES ON ROOFING WITH STANDING SEAM

50 x 5 mm flat steel.

MATERIAL

Copper



Weather conditions, UV radiation.

RESISTANCE

Product made of copper-resistant to corrosion. Fast and easy installation. Aesthetic and high quality of the product.

ADVANTAGES

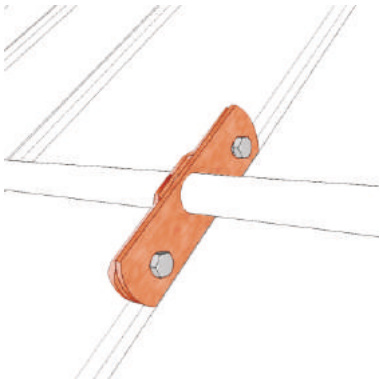
2 galvanized screws M12 with nuts included.

SUPPLEMENTS



Brackets with snow guard pipes should be installed on every seam.

INSTALLATION



TECHNICAL DATA SHEET

NEW



copper

Length  
(mm)

180

Package  
(pcs.)

10

Product code

Cu022401




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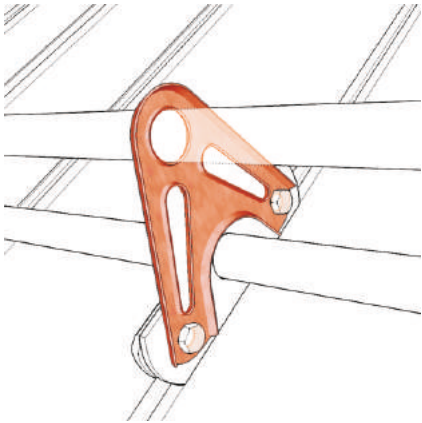
PIPE SYSTEM: COPPER

SNOW PROTECTION

EXTRA ELEMENT THAT MAY BE ADDED TO 1-PIPE  
SNOW GUARD BRACKET FOR STANDING SEAM  
AND FORM A 2-PIPE SNOW GUARD BRACKET

SECOND PIPE BRACKET

MATERIAL	2 mm sheet.  Copper
RESISTANCE	Weather conditions, UV radiation.
ADVANTAGES	Product made of copper-resistant to corrosion. Fast and easy installation. Aesthetics
INSTALLATION	Brackets with snow guard pipes should be installed on every seam.



1-pipe snow guard bracket for standing seam is needed for complete installation of second pipe bracket (product code Cu022401)

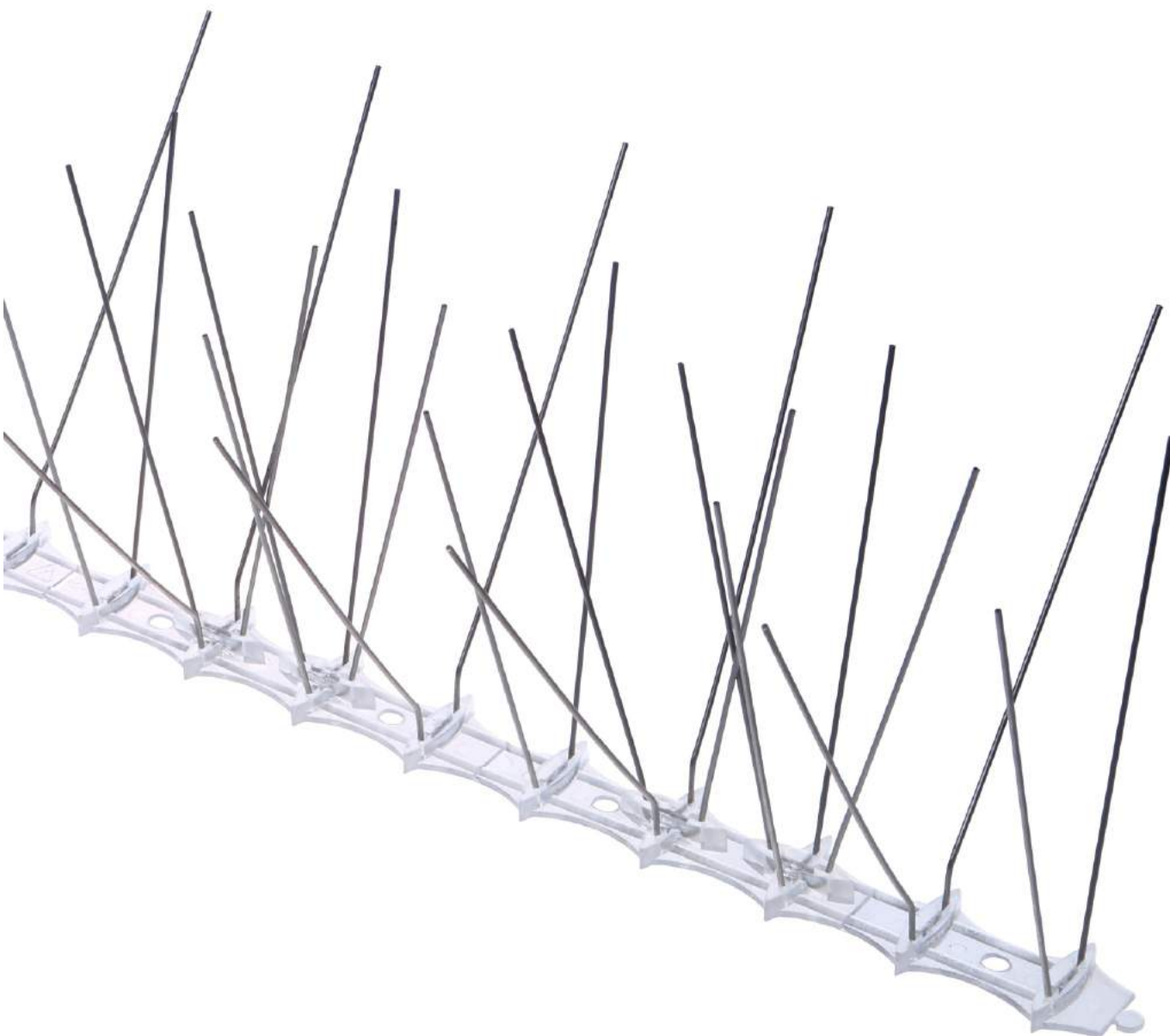
copper

Package (pcs.)	Product code
10	Cu022402

# protection against birds

## BIRDCONTROL SYSTEM

Protection from birds prevents their accumulation on the buildings and other undesirable places. Products made of the highest-quality materials ensure their long-term functioning.







**USED ON CORNICES, WINDOW SILLS, GUTTERS BELTS, RIDGES, ETC.**

## BIRDCONTROL TYPE A

- TECHNICAL DATA SHEET

MATERIAL

The base made of colourless polycarbonate with UV stabilization. Spikes - 1,3 mm acid and corrosion resistant steel. The system of connecting modules into longer stretches.

RESISTANCE

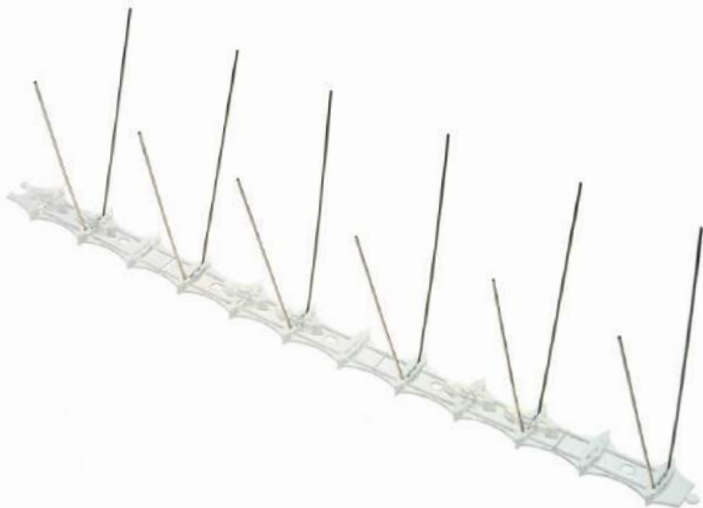
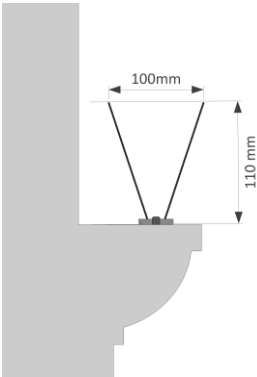
High and low temperatures, aging processes, UV radiation.

ADVANTAGES

Smooth spikes' endings protect against birds' laceration. The system is designed for almost invisible protection of building (colourless basis and optimised spikes' thickness).

INSTALLATION

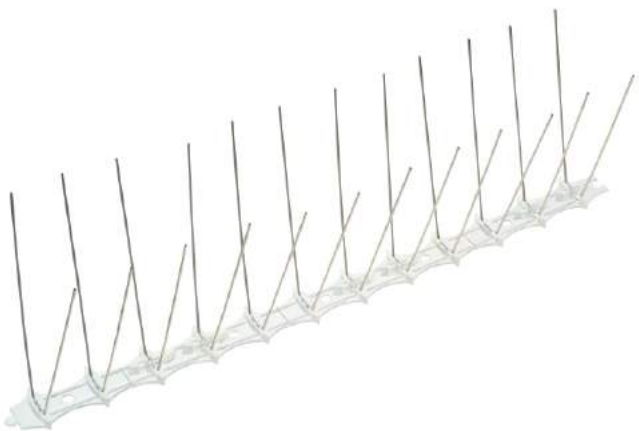
The possibility of dividing one module into shorter segments or installing system in rows.



Module length (mm)	Module spikes quantity	Width of spikes spacing (mm)	Height (mm)	Spikes protected area (mm)	Package (pcs.)	Pallet quantity (pack./pcs.)	Product code
341	12	100	110	do 120	150	21/3150	100101

# BIRDCONTROL TYPE B

USED ON CORNICES, WINDOW SILLS, GUTTERS BELTS, RIDGES, ETC.



Module length (mm)	Module spikes quantity	Width of spikes spacing (mm)	Height (mm)	Spikes protected area (mm)	Package (pcs.)	Pallet quantity (pack./pcs.)	Product code
341	24	100	110	do 120	150	21/3150	100102

The base made of colourless polycarbonate with UV stabilization. Spikes-1,3 mm acid and corrosion resistant steel. The system of connecting modules into longer stretches.

## MATERIAL

High and low temperatures, aging processes, UV radiation.

## RESISTANCE

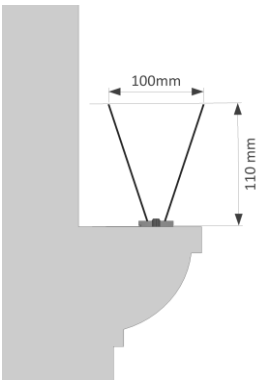
Smooth apikes' endings protect against birds' laceration. The system is designed for almost invisible protection of building (colourless basis and optimised spikes' thickness).

## ADVANTAGES



The possibility of diving one module into shorter segments or installing system in rows.

## INSTALLATION

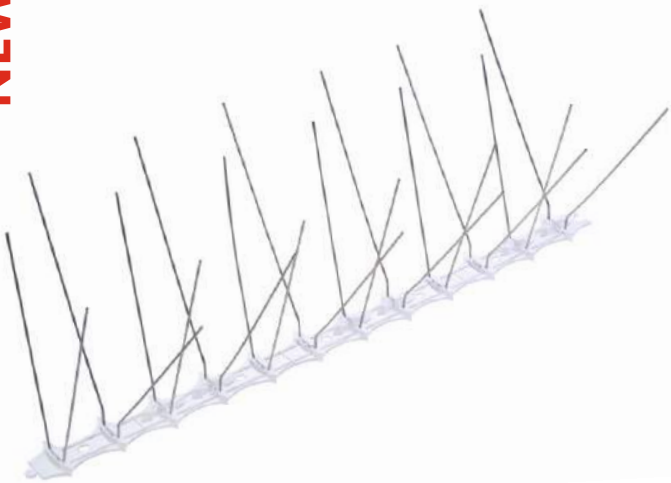


TECHNICAL DATA SHEET

# BIRDCONTROL TYPE BS

USED ON CORNICES, WINDOW SILLS, GUTTERS, BELTS, RIDGES, ETC.

NEW



Module length (mm)	Module spikes quantity	Width of spikes spacing (mm)	Height (mm)	Spikes protected area (mm)	Package (pcs.)	Pallet quantity (pack./pcs.)	Product code
341	24	180	110	do 220	120	21/2520	100105

The base made of colourless polycarbonate with UV stabilization. Spikes-1,3 mm acid and corrosion resistant steel. The system of connecting modules into longer stretches.

## MATERIAL

High and low temperatures, aging processes, UV radiation.

## RESISTANCE

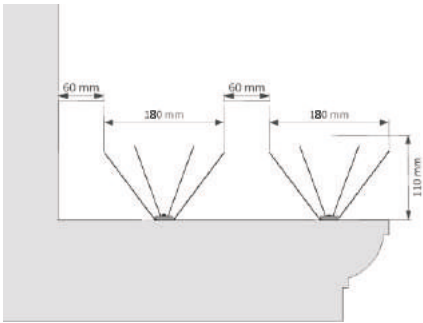
Smooth spikes' endings protect against birds' laceration. The system is designed for almost invisible protection of building (colourless basis and optimised spikes' thickness).

## ADVANTAGES



The possibility of dividing one module into shorter segments or installing system in rows.

## INSTALLATION



TECHNICAL DATA SHEET

BIRDCONTROL SYSTEM

PROTECTION AGAINST BIRDS

# USED ON CORNICES, WINDOWS SILLS, GUTTERS BELTS, RIDGES, ETC.

## BIRDCONTROL TYPE C

TECHNICAL DATA SHEET

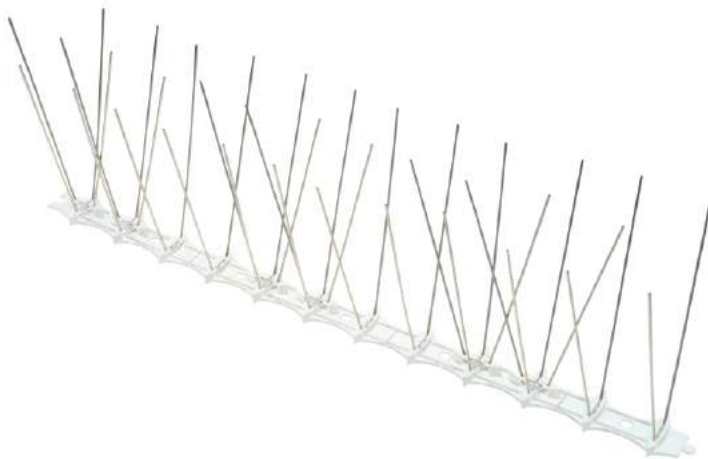
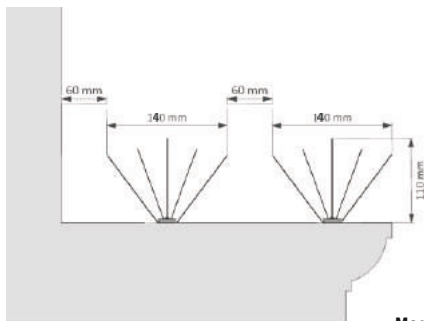
**MATERIAL** The base made of colourless polycarbonate with UV stabilization. Spikes-1,3 mm acid and corrosion resistant steel. The system of connecting modules into longer stretches.

**RESISTANCE** High and low temperatures, aging processes, UV radiation.

**ADVANTAGES** Smooth spikes' endings protect against birds' laceration. The system is designed for almost invisible protection of buildings (colourless basis and optimised spikes' thickness).



**INSTALLATION** The possibility of dividing one module into shorter segments or installing system in rows.



Module length (mm)	Module spikes quantity	Width of spikes spacing (mm)	Height (mm)	Spikes protected area (mm)	Package (pcs.)	Pallet quantity (pack./pcs.)	Product code
341	36	140	110	do 120	90	21/1890	100103

# USED ON CORNICES, WINDOW SILLS, GUTTERS BELTS, RIDGES, ETC.

## BIRDCONTROL TYPE D

TECHNICAL DATA SHEET

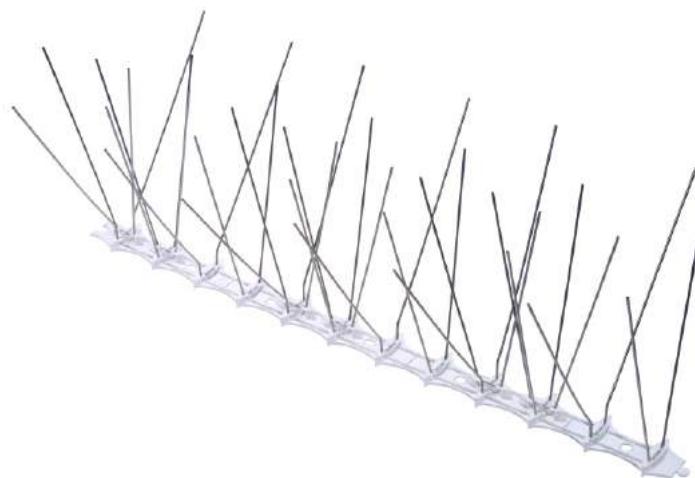
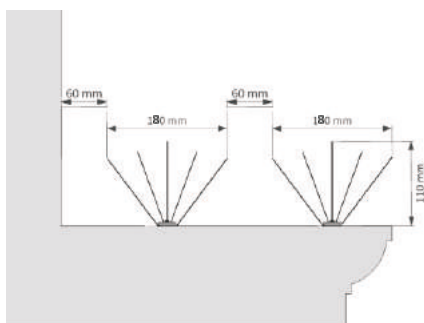
**MATERIAL** The base made of colourless polycarbonate with UV stabilization. Spikes-1,3 mm acid and corrosion resistant steel The system of connecting modules into longer stretches.

**RESISTANCE** High and low temperatures, aging processes, UV radiation.

**ADVANTAGES** Smooth spikes' ending protect against birds' laceration. The system is designed for almost invisible protection of buildings (colourless basis and optimised spikes' thickness).



**INSTALLATION** The possibility of dividing one module into shorter segments or installing system in rows.



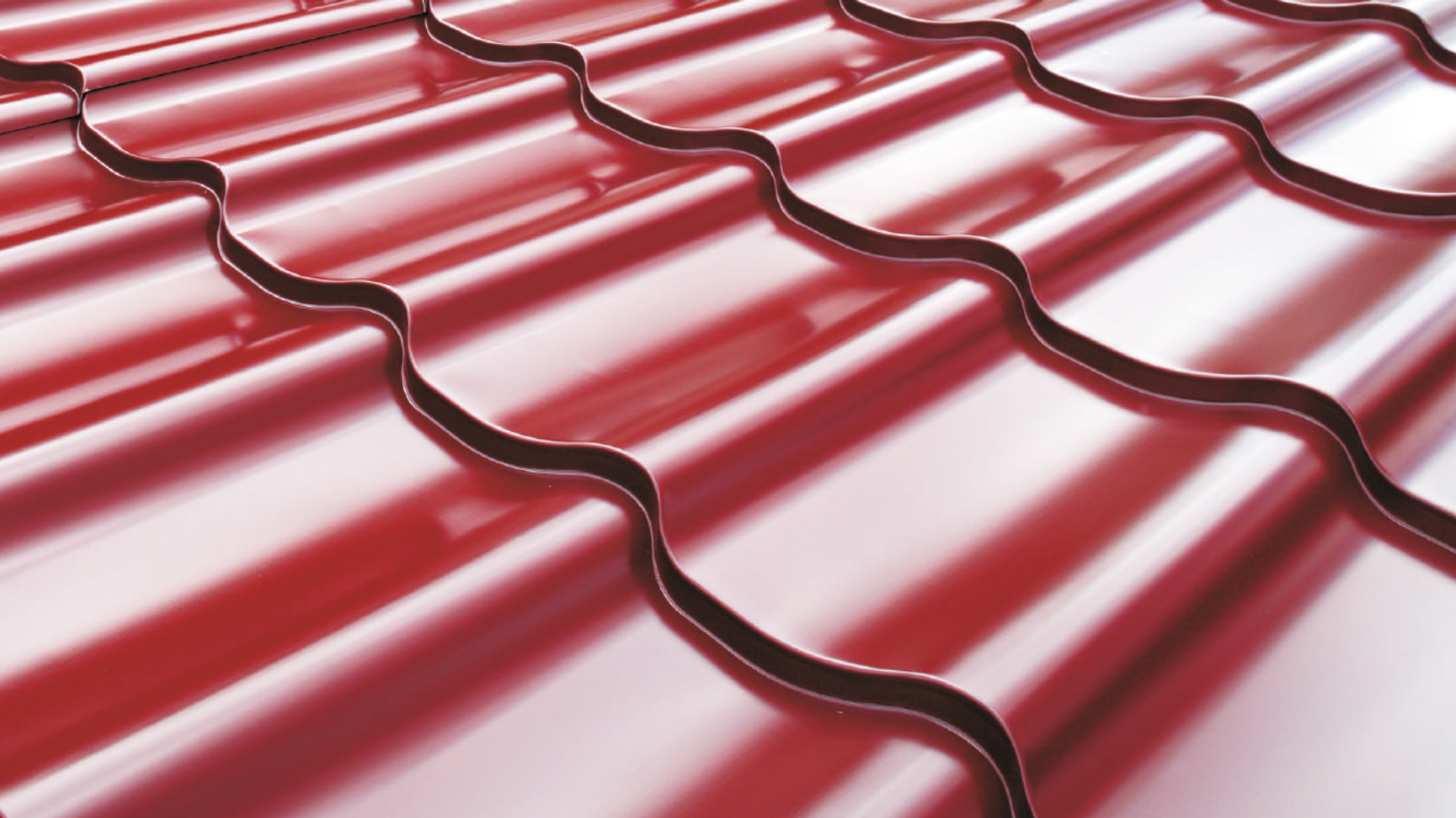
Module length (mm)	Module spikes quantity	Width of spikes spacing (mm)	Height (mm)	Spikes protected area (mm)	Package (pcs.)	Pallet quantity (pack./pcs.)	Product code
341	36	180	110	do 220	81	21/1701	100104



# vetilation chimneys

It is an effective high-performance system for ventilating roofs, plumbing, attic and other devices requiring ventilation or external outlet. The products are made of high quality materials resistant to different weather conditions and UV radiation, what ensures their long-term functioning.



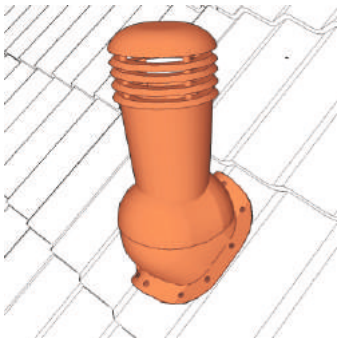


USED WITH MODULE METAL SHEET TIELS

PRODUCTS FOR METAL SHEET TILES  
TYPE F

TECHNICAL DATA SHEET

MATERIAL	Dyed polypropylene with UV stabilization.
RESISTANT	Weather conditions, aging processes, UV radiation.
ADVANTAGES	Gradient angle adjustable from 0° to 45°. Better efficiency thanks to the annular construction of the chimney. Material with improved resistance to scratching. Aesthetics and high quality of the product.
INSTALLATION	The set for direct installation includes: ventilation chimney or aerial's adapter or plain vent tile and the set of screws in the chimney colour.



SUITABLE ROOF COVERING:

BALEXMETAL	Panorama	KROLL	Carmen
BLACHPROFIL 2	Gamma 25, Gamma 35	PLANNJA	Flex
BLACHSTAL	German	PRUSZYŃSKI	Gryf, Tur
BLACHY MINDA	Nordica Panel, Nordica +	RUUKKI	Finnera
BRATEX	Scandinavia	REGAMET	Mona
BUDMAT	Venecja	TRAFFIC	Platinum 350, [Eco] Platinum 400, [Eco]
FINCO STAL	Metrum		

Type	Diameter (mm)	Package (pcs.)	Product code
uninsulated ventilation chimney	110	1	KBD-F11...(RAL)
insulated ventilation chimney	110	1	KBD-FO11...(RAL)
uninsulated ventilation chimney	150	1	KBD-F15...(RAL)
insulated ventilation chimney	150	1	KBD-FO15...(RAL)
aerial's adapter	-	1	PABD-F...(RAL)
vent tile	150	1	WPBD-F...(RAL)



black	graphite	anthracite	brown	brick red	green	cherry
RAL 9005	RAL 7024	RAL 7016	RAL 8017	RAL 8004	RAL 6020	RAL 3009
dark brown						
RAL 8019						

PRODUCTS FOR METAL SHEET TILES  
PROFILE G

USED WITH MODULE METAL SHEET TILES



black	graphite	anthracite	brown	brick red	green	cherry
RAL 9005	RAL 7024	RAL 7016	RAL 8017	RAL 8004	RAL 6020	RAL 3009
dark brown						
RAL 8019						

Dyed polypropylene with UV stabilization.

MATERIAL

Weather conditions, aging processes, UV radiation.

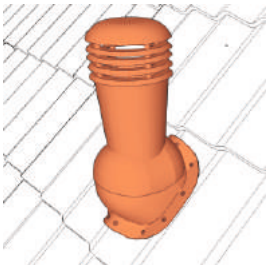
RESISTANCE

The universal base fits any type of metal sheet roofing. Gradient angle adjustable from 0° to 45°. Better efficiency thanks to the annual construction of the chimney. Material with improved resistance to scratching. Aesthetics and high quality of the product.

ADVANTAGES

The set for direct installation includes: ventilation chimney or aerial's adapter or plain vent tile and the set of screws in the chimney colour.

INSTALLATION



SUITABLE ROOF COVERING:

\* It is needed to order additional strips of butyl

BLACHOTRAPEZ	Germania, Germania Simetric*	INTER-MAX	Vela
		LIMBLACH	Marii
DACHPOL	Egeria	POLONICA	Astra etc.
BLACH-POL	Husaria		
Type	Diameter (mm)	Package (pcs.)	Product code
uninsulated ventilation chimney	110	1	KBD-G11...(RAL)
insulated ventilation chimney	110	1	KBD-GO11...(RAL)
uninsulated ventilation chimney	150	1	KBD-G15...(RAL)
insulated ventilation chimney	150	1	KBD-GO15...(RAL)
aerial's adapter	-	1	PABD-G...(RAL)
vent tile	150	1	WPBD-G...(RAL)

PRODUCTS FOR METAL SHEETS  
TILES K

USED WITH METAL SHEET TILES PLAIN TILES



black	graphite	anthracite	brown	brick red	green	cherry
RAL 9005	RAL 7024	RAL 7016	RAL 8017	RAL 8004	RAL 6020	RAL 3009
dark brown						
RAL 8019						

Dyed polypropylene with UV stabilization.  
Sealing base from high-quality butyl.

MATERIAL

Weather condition, aging processes, UV radiation.

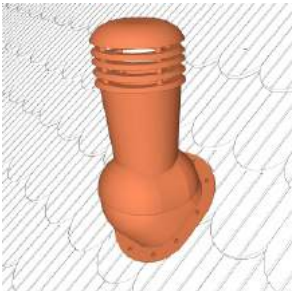
RESISTANCE

Universal base is suitable for every type of metal sheets tiles. Adjustable angle from 0° to 45°. Better efficiency thanks to the annual construction of the chimney. Material with improved resistance to scratching. Aesthetic and high quality of the produc.

ADVANTAGES

The set for direct installation includes: ventilation chimney or aerial's adapter or plain vent tile and the set of screws in the chimney colour.

INSTALLATION



SUITABLE ROOF COVERING:

BLACH-POL	Plain tiles, etc.		
Type	Diameter (mm)	Package (pcs.)	Product code
uninsulated ventiation chimney	110	1	KBD-K11...(RAL)
insulated ventilation chimney	110	1	KBD-KO11...(RAL)
uninsulated ventilation chimnay	150	1	KBD-K15...(RAL)
insulated ventilation chimney	150	1	KBD-KO15...(RAL)
aerial's adapter	-	1	PABD-K...(RAL)
vent tile	150	1	WPBD-K...(RAL)

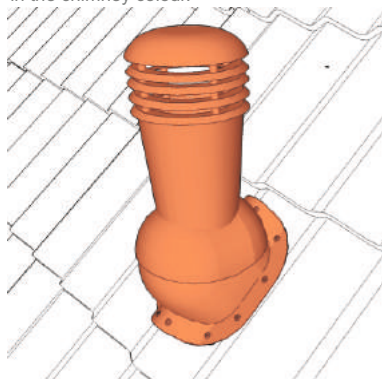
NEW



# USED WITH METAL SHEET TILES WITH 25 MM WAVE HEIGHT

# PRODUCTS FOR METAL SHEET TILES N PROFILE

<b>MATERIAL</b>	Dyed polypropylene with UV stabilization.
<b>RESISTANCE</b>	Weather conditions, aging processes, UV radiation.
<b>ADVANTAGES</b>	Gradient angle adjustable from 0° to 45°. Better efficiency thanks to the annular construction of the chimney. Material with improved resistance to scratching. Aesthetics and high quality of the product.
<b>INSTALLATION</b>	The set for direct installation includes: ventilation chimney or aerial's adapter or plain vent tile and the set of screws in the chimney colour.



## SUITABLE ROOF COVERING:

\*It is needed to order additional strips of butyl

<b>ARCELORMITTAL</b>	Halny	<b>FLORIAN</b>	Florina, Kinga(Plus), Kobra
<b>ARECO SWEDEN</b>	Vivaldi	<b>GLINMET</b>	Dona, Dona Eco
<b>ATEST-POL</b>	Biebrza	<b>GÓR-HUT</b>	Dana
<b>BALEXMETAL</b>	Spektrum	<b>HANBUD</b>	Vena *
<b>BIAL-MET</b>	Nora	<b>INTER-MAX</b>	Norda
<b>BLACHCENTRUM</b>	Aga	<b>KROLL</b>	Kroll Plus
<b>BLACH-DOM PLUS</b>	Bona, Bona Plus, Bona Long, Joker, Imperia Plus, KoronaPlus	<b>KURPDACH</b>	Kurpianka
<b>BLACHODACH</b>	Bingo, Bravo, Twist	<b>LIMBLACH</b>	Klaudia
<b>BLACH-POL</b>	Eska, Prima, Symetria	<b>LINDAB</b>	LPAL, LPAN
<b>BLACHOTRAPEZ</b>	Kingas, Kingas Eco, Kingas Plus, Diament Eco, Talia*	<b>MAX-SYSTEM</b>	Nicol, Eco Nicol
<b>BLACHPROFIL 2</b>	Alfa Premium, Alfa Plus, Beta, Euro, Eco	<b>MATPOL</b>	Julia
<b>BLACHSTAL</b>	Dakota, King, King Plus	<b>METALEX MIKOŁAJOWICE</b>	Wiktoria
<b>BLACHY MINDA</b>	Ada	<b>METALMIX</b>	Libra, Proxima *
<b>BLACHY PIOTRKOWICZ</b>	Brylant, Olga, Specjal	<b>NOWAX</b>	Atena
<b>BLOK-BUD</b>	Natura	<b>PLANNJA</b>	Rapid, Regola, Regent, Smart, Scandic
<b>BORGA</b>	Elegant	<b>POLSTAL</b>	Caro, Caro +
<b>BRATEX</b>	Hestia, Hera, Platino (Eco)	<b>POLONICA</b>	Luna
<b>BUDMAT</b>	Sara, Zefir, Polonia	<b>PRUSZYŃSKI</b>	Szafir, Rubín Plus
<b>BUDMAX METAL</b>	Bingo, Magnat, Eco-Max	<b>REGAMET</b>	Gloria, Viktoria
<b>DACHPOL</b>	Iris, Metis	<b>ROL-BUD</b>	Kaja, Kaja +
<b>DACHPOL WŁOSZCZOWA</b>		<b>RUUKKI</b>	Decorrey, Monterrey Ts39, Ts34
<b>DACHSTYL</b>	Merkury, Saturn	<b>SOLAN</b>	M 35
<b>DEKAPOL</b>	profil „A”	<b>STAL-HART</b>	Kinga
<b>DISPOL</b>	Stella, Luna	<b>TRAFFIC</b>	Gold, Silver
<b>FINCO STAL</b>	Akcent, Akord, Takt, Vega	<b>TRANSBLACH</b>	Korra, Segment
<b>FINISH PROFILES</b>	Finish, Finish Max, Fishdak, King, King Max, Kingstyle	<b>UNIBLACH</b>	King, Emi, Vera
		<b>VICOR</b>	Vika, Riki
		<b>WAT</b>	Major
		<b>WISTAL</b>	Dona, Dona Plus
		<b>WŁASTAL</b>	Bursztyn, Classic, Perla
		<b>ZARTMET</b>	Diament, Nefryt, Topaz
		<b>ZEPART</b>	Xara, etc..

Type	Diameter (mm)	Package (pcs.)	Product code
uninsulated ventilation chimney	110	1	KBD-N11...(RAL)
insulated ventilation chimney	110	1	KBD-NO11...(RAL)
uninsulated ventilation chimney	150	1	KBD-N15...(RAL)
insulated ventilation chimney	150	1	KBD-NO15...(RAL)
aerial's adapter	-	1	PABD-N...(RAL)
vent tile	150	1	WPBD-N...(RAL)



black	graphite	anthracite	brown	brick red	green	cherry
RAL 9005	RAL 7024	RAL 7016	RAL 8017	RAL 8004	RAL 6020	RAL 3009
dark brown						
RAL 8019						

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roof system

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PRODUCTS FOR METAL SHEETS TILES  
R PROFILE

NEW



black	graphite	anthracite	brown	brick red	green	cherry
RAL 9005	RAL 7024	RAL 7016	RAL 8017	RAL 8004	RAL 6020	RAL 3009
dark brown						
RAL 8019						

PRODUCTS FOR METAL SHEET TILES  
X PROFILE

NEW



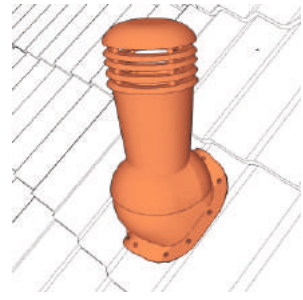
black	graphite	anthracite	brown	brick red	green	cherry
RAL 9005	RAL 7024	RAL 7016	RAL 8017	RAL 8004	RAL 6020	RAL 3009
dark brown						
RAL 8019						



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USED WITH THE METAL SHEET TILES  
UNUSUAL PROFILE

Dyed polypropylene with UV stabilization. Sealing base from high-quality butyl.	<b>MATERIAL</b>
Weather condition, aging processes, UV radiation.	<b>RESISTANCE</b>
Universal base is suitable for every type of metal sheet tiles. Gradient angle adjustable from 0° to 45°. Better efficiency thanks to the annual constructions of the chimney. Material with improved resistance to scratching. Aesthetics and high quality of the product.	<b>ADVANTAGES</b>
The set for direct installation includes: ventilation chimney or aerial's adapter or plain vent tile and the set of screws in the chimney colour.	<b>INSTALLATION</b>



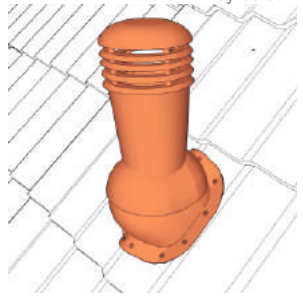
SUITABLE ROOF COVERING:

PRUSZYŃSKI	Arad Optima, Arad Premium	RUUKKI	Adamante
REGAMET	Roma	WAT	Galla, itp.
FINISH PROFILES	John Steel		

Type	Diameter (mm)	Package (pcs.)	Product code
uninsulated ventilation chimney	110	1	KBD-R11...(RAL)
insulated ventilation chimney	110	1	KBD-RO11...(RAL)
uninsulated ventilation chimney	150	1	KBD-R15...(RAL)
insulated ventilation chimney	150	1	KBD-RO15...(RAL)
aerial's adapter	-	1	PABD-R...(RAL)
vent tile	150	1	WPBD-R...(RAL)

USED WITH METAL SHEET TILES  
WITH WAVE 45 MM HEIGHT

Dyed polypropylene with UV stabilization.	<b>MATERIAL</b>
Weather conditions, aging processes, UV radiation.	<b>RESISTANCE</b>
The universal base fits any type of metal sheet roofing. Gradient angle adjustable from 0° to 45°. Better efficiency thanks to the annular construction of the chimney. Material with improved resistance to scratching. Aesthetics and high quality of the product.	<b>ADVANTAGES</b>
The set for direct installation includes: ventilation chimney or aerial's adapter or plain vent tile and the set of screws in the chimney colour.	<b>INSTALLATION</b>



SUITABLE ROOF COVERING:

BRATEX	Era, Integram, Vilano	LINDAB	LPAH, Goodlock
BUDMAT	Wenus	RUUKKI	Elite, etc.
FLORIAN CENTRUM	Flora		

Type	Diameter (mm)	Package (pcs.)	Product code
uninsulated ventilation chimney	110	1	KBD-X11...(RAL)
insulated ventilation chimney	110	1	KBD-XO11...(RAL)
uninsulated ventilation chimney	150	1	KBD-X15...(RAL)
insulated ventilation chimney	150	1	KBD-XO15...(RAL)
aerial's adapter	-	1	PABD-X...(RAL)
vent tile	150	1	WPBD-X...(RAL)

TECHNICAL DATA SHEET

TECHNICAL DATA SHEET

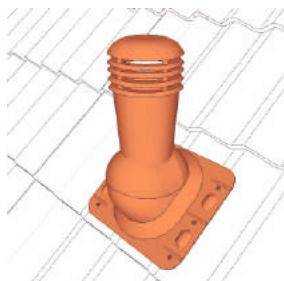
VENTILATION CHIMNEYS

## USED WITH METAL SHEET TILES, PLAIN AND TRAPEZOIDAL TILES

<b>MATERIAL</b>	Dyed polypropylene with UV stabilization.
<b>RESISTANCE</b>	Weather conditions, aging processes, UV radiation.
<b>ADVANTAGES</b>	The universal base fits any type of metal sheet roofing. Gradient angle adjustable from 0° to 45°. Better efficiency thanks to the annular construction of the chimney. Material with improved resistance to scratching. Aesthetics and high quality of the product. Universal base with EPDM rubber fits to wave profile.



<b>INSTALLATION</b>	The set for direct installation includes: ventilation chimney or aerial's adapter or plain vent tile and the set of screws in the chimney colour.
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Type	Diameter (mm)	Package (pcs.)	Product code
uninsulated ventilation chimney	110	1	KB-U11...(RAL)
insulated ventilation chimney	110	1	KB-UO11...(RAL)
uninsulated ventilation chimney	150	1	KB-U15...(RAL)
insulated ventilation chimney	150	1	KB-UO15...(RAL)
aerial's adapter	-	1	PAB-U...(RAL)
vent tile	150	1	WPB-U...(RAL)

## PRODUCTS FOR METAL SHEET TILES UNIVERSAL WITH EPDM RUBBER



black RAL 9005	graphite RAL 7024	anthracite RAL 7016	brown RAL 8017	brick red RAL 8004	green RAL 6020	cherry RAL 3009
dark brown RAL 8019	gray RAL 7036					

## USED WITH METAL SHEET TILES WITH WAVE 35 MM HEIGHT

<b>MATERIAL</b>	Dyed polypropylene with UV stabilization.
<b>RESISTANCE</b>	Weather conditions, aging processes, UV radiation.
<b>ADVANTAGES</b>	The universal base fits any type of metal sheet roofing. Gradient angle adjustable from 0° to 45°. Better efficiency thanks to the annular construction of the chimney. Material with improved resistance to scratching. Aesthetics and high quality of the product.
<b>INSTALLATION</b>	The set for direct installation includes: ventilation chimney or aerial's adapter or plain vent tile and the set of screws on the chimney colour.



### SUITABLE ROOF COVERING:

ATEST-POL	Narew	KURPDACH	Kurpianka
BIAL-MET	Podlasie	MATPOL	Zuzia
BLACHODACH	Sonata	LIMBLACH	Aga
BLACH-DOM PLUS	Perla, Perla Plus	MAXSYSTEM	Eco Olivia, Olivia
BLOK-BUD	Aqua	METALEX MIKOŁAJOWICE	Fińska
BLACHOTRAPEZ	Diamant Plus	NOWAX	Diana
BLACHPROFIL 2	Omega	PLANNJA	Royal
BLACHSTAL	Elita	POLSTAL	Agat, Neta, Beta
BLACH-POL	Prima	POLONIA	Extra
BUDMAT	Aria	POLONICA	Elios
DACH-METAL	Rzemska	PRUSZYŃSKI	Kron
DACHSTYL	Jowisz	REGMET	Olimpia, Maxima
DEKAPOL	Profil „B”	STAL-HART	Bella
FINCO-STAL	Tango	UNIBLACH	Kara
FINISH PROFILES	Cesar	TRANSBLACH	Kiara
FLORIAN CENTRUM	Europa	WAT	Fala
GLINMET	Afrodyta*, Gala, Monza	WISTAL	Afrodyta*, Gala, Monza
HANBUD	Nord*	WLASTAL	Topaz
INTER-MAX	Westa	ZARTMET	Opal, Jaspis
KROLL	Mistral, Syrius	ZEPART	Lena, Duna, itp.

\*It is needed to order additional strips of butyl

Type	Diameter (mm)	Package (pcs.)	Product code
uninsulated ventilation chimney	110	1	KBD-W11...(RAL)
insulated ventilation chimney	110	1	KBD-WO11...(RAL)
uninsulated ventilation chimney	150	1	KBD-W15...(RAL)
insulated ventilation chimney	150	1	KBD-WO15...(RAL)
aerial's adapter	-	1	PABD-W...(RAL)
vent adapter	150	1	WPBD-W...(RAL)

## PRODUCTS FOR METAL SHEET TILES W PROFILE



black RAL 9005	graphite RAL 7024	anthracite RAL 7016	brown RAL 8017	brick red RAL 8004	green RAL 6020	cherry RAL 3009
dark brown RAL 8019	gray RAL 7036					

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PRODUCTS FOR SHINGLE/PAPER ROOFING  
OR TRAPEZOIDAL/FLAT METAL SHEETS

DESIGNED FOR READY SHINGLE OR PAPER  
ROOFING AND ALSO FOR ALL KINDS OF METAL  
SHEET WITH FLAT OR TRAPEZOIDAL BASIS



black	graphite	anthracite	brown	brick red	green	cherry
RAL 9005	RAL 7024	RAL 7016	RAL 8017	RAL 8004	RAL 6020	RAL 3009
dark brown						
RAL 8019						



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MATERIAL

Dyed polypropylene with UV stabilization.

RESISTANCE

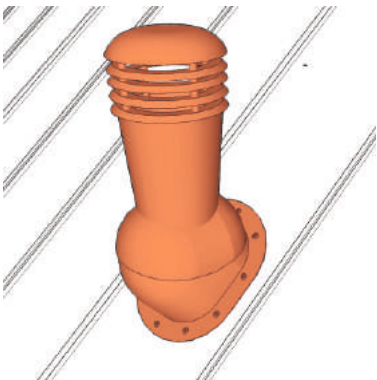
Weather conditions, aging processes, UV radiation.

ADVANTAGES

Installation possible on red shingle or other rolled roofing to avoid dismantling of the roof. Gradient angle adjustable from 0° to 45°. Better efficiency thanks to the annular construction of the chimney. Material with improved resistance to scratching. Aesthetics and high quality of the product.

INSTALLATION

The set for direct installation includes: ventilation chimney or aerial's adapter or plain vent tile and the set of screws in the chimney colour.



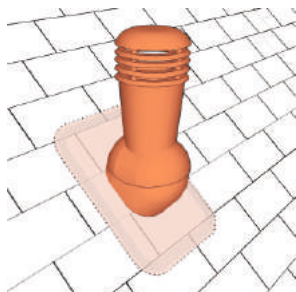
Type	Diameter (mm)	Package (pcs.)	Product code
uninsulated ventilation chimney	110	1	KP-NB11...(RAL)
insulated ventilation chimney	110	1	KP-NBO11...(RAL)
uninsulated ventilation chimney	150	1	KP-NB15...(RAL)
insulated ventilation chimney	150	1	KP-NBO15...(RAL)
aerial's adapter	-	1	PA-NB...(RAL)
vent tile	150	1	WP-NB...(RAL)

TECHNICAL DATA SHEET

## USED FOR INSTALLING UNDER THE SHINGLE OR PAPER ROOFING

## PRODUCTS FOR UNDER THE SHINGLE OR PAPER ROOFING

<b>MATERIAL</b>	Dyed polypropylene with UV stabilization.
<b>RESISTANCE</b>	Weather conditions, aging processes, UV radiation.
<b>ADVANTAGES</b>	Gradient angle adjustable from 0° to 45°. Better efficiency thanks to the annular construction of the chimney. Material with improved resistance to scratching. Aesthetics and high quality of the product.
<b>INSTALLATION</b>	The set for direct installation includes: ventilation chimney or aerial's adapter or plain vent tile and the set of screws in the chimney colour.



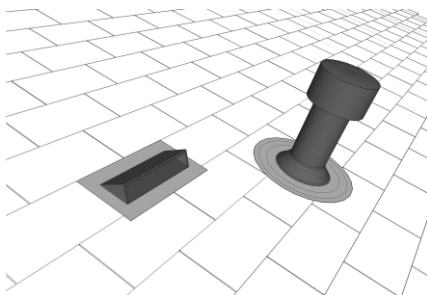
Type	Diameter (mm)	Package (pcs.)	Product code
uninsulated ventilation chimney	110	1	KP-PB11...(RAL)
insulated ventilation chimney	110	1	KP-PBO11...(RAL)
uninsulated ventilation chimney	150	1	KP-PB15...(RAL)
insulated ventilation chimney	150	1	KP-PBO15...(RAL)
aerial's adapter	-	1	PA-PB...(RAL)
vent tile	150	1	WP-PB...(RAL)

black	graphite	anthracite	brown	brick red	green	cherry
RAL 9005	RAL 7024	RAL 7016	RAL 8017	RAL 8004	RAL 6020	RAL 3009
dark brown						
RAL 8019						

## USED FOR SHINGLE/PAPER ROOFING

## SIMPLE VENTILATION CHIMNEY AND VENTILATORS FOR SHINGLE/TAR-BOARD ROOFING

<b>MATERIAL</b>	High quality aluminum alloy - resistant to corrosion.
<b>RESISTANCE</b>	Weather conditions, aging processes, UV radiation.
<b>ADVANTAGES</b>	It's an economical alternative for shingle and paper roofing. The vent tile can be used as diffuser also.
<b>INSTALLATION</b>	Chimney: possibility of installation 0-15° Vent tile: possibility of installation 15-90°. The set for direct installation includes: base, covering, fixing screws, presser.



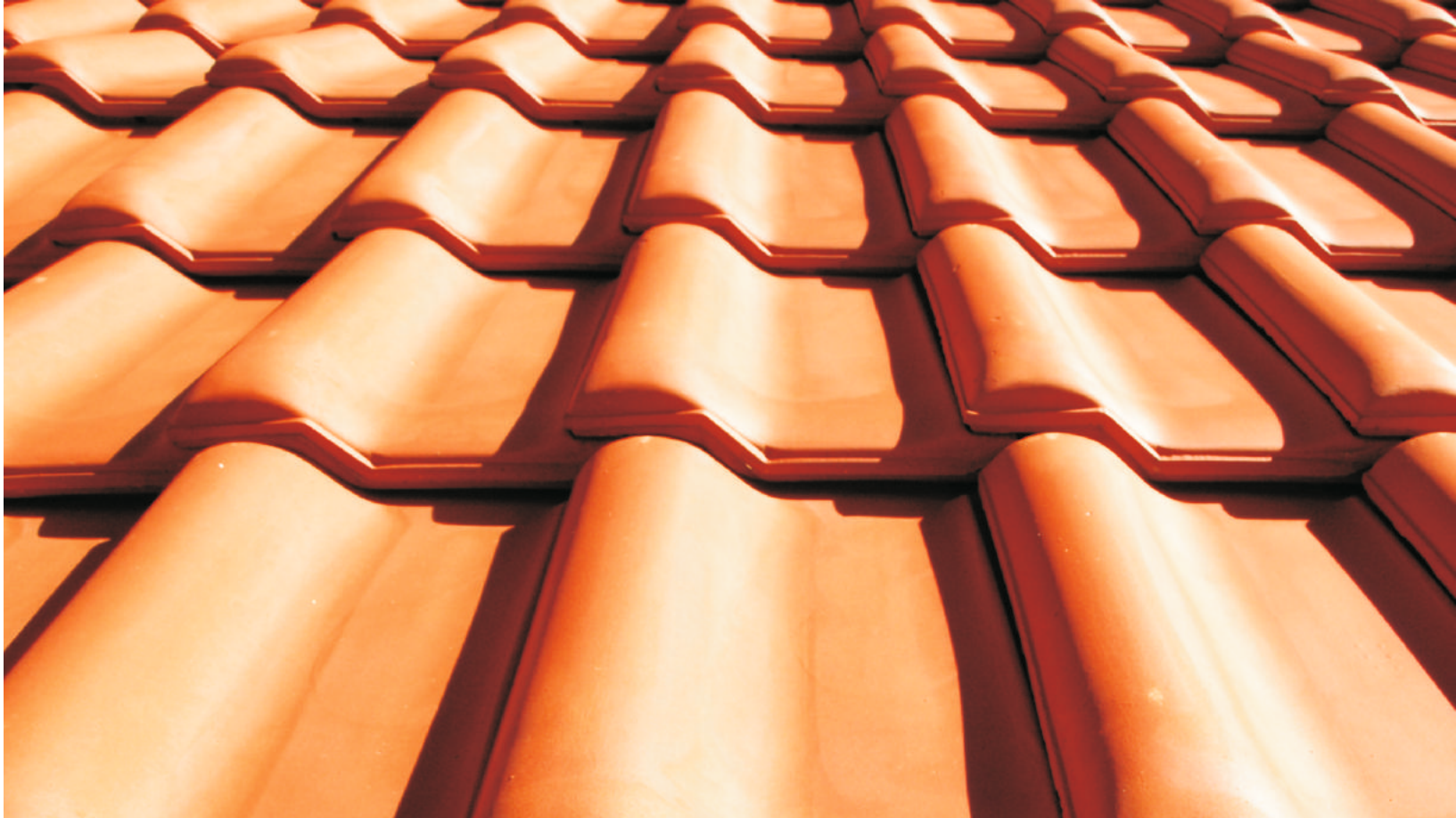
Type	Diameter/height (mm)	Package (pcs.)	Product code
simple chimney	ø75/270	30	KP-PBP75
simple chimney	ø110/270	20	KP-PBP11
vent tile	295x55/60	10	WP-PBP



black  
RAL 9005

NEW





VENTILATION CHIMNEY FROM  
ALUMINUM FOR CERAMIC

USED FOR CERAMIC TILES

NEW



High quality aluminum alloy-resistant to corrosion.

MATERIAL

Weather conditions, aging processes, UV radiation.

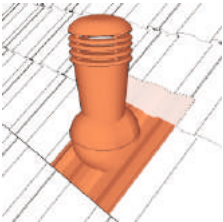
RESISTANCE

Optimal height (over 40 cm). Adjustable angle of inclination from 0° to 45°. Colour and finish adjusted to tiles(glaze,slip etc.). Easy installation, innovative drainage system.

ADVANTAGES

Same like the installation of the simple tiles.

INSTALLATION



TECHNICAL DATA SHEET

Type	Diameter (mm)	Package (pcs.)	Product code
uninsulated ventilation chimney	150	1	KDM-A15 (PRODUCER)

\*

\* Colours of the chimneys are adjustable to covering.  
Please specify the producer, model and colour of the covering.

AVAILABLE CHIMNEYS SUITABLE FOR COVERING:

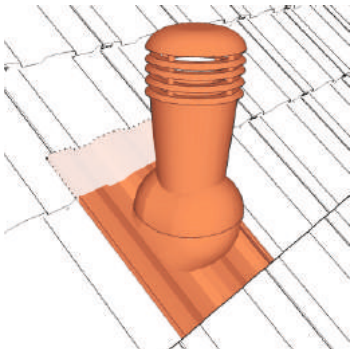
BOGEN	Innovo 12, Plano	KORAMIC	L15
BRAAS	Tegalit	ROBEN	Piemont, Monza Plus
CREATON	Premion, Domino, Titania	TONDACH	Hranice 11
ERLUS	E58		



USED WITH CONCRETE TILES

PRODUCTS FOR CONCRETE TILES

MATERIAL	Dyed polypropylene with UV stabilization. Basis in the shape of tile.
RESISTANCE	Weather conditions, aging processes, UV radiation.
ADVANTAGES	Gradient angle adjustable from 0° to 45°. Better efficiency thanks to the annular constuction of the chimney. Material with improved resistance to scratching. Aesthetics and high quality of the product.
INSTALLATION	Same like the installation of the simple tiles.



Type	Diameter (mm)	Package (pcs.)	Product code
uninsulated ventilation chimney A	110	1	KD-A11...(RAL)
insulated ventilation chimney A	110	1	KD-AO11...(RAL)
uninsulated ventilation chimney A	150	1	KD-A15...(RAL)
insulated ventilation chimney A	150	1	KD-AO15...(RAL)
uninsulated ventilation chimney B	110	1	KD-B11...(RAL)
insulated ventilation chimney B	110	1	KD-BO11...(RAL)
uninsulated ventilation chimney B	150	1	KD-B15...(RAL)
insulated ventilation chimney B	150	1	KD-BO15...(RAL)
uninsulated ventilation chimney C	110	1	KD-C11...(RAL)
insulated ventilation chimney C	110	1	KD-CO11...(RAL)
uninsulated ventilation chimney C	150	1	KD-C15...(RAL)
insulated ventilation chimney C	150	1	KD-CO15...(RAL)
uninsulated ventilation chimney D	110	1	KD-D11...(RAL)
insulated ventilation chimney D	110	1	KD-DO11...(RAL)
uninsulated ventilation chimney D	150	1	KD-D15...(RAL)
insulated ventilation chimney D	150	1	KD-DO15...(RAL)
uninsulated ventilation chimney E	110	1	KD-E11...(RAL)
insulated ventilation chimney E	110	1	KD-EO11...(RAL)
uninsulated ventilation chimney E	150	1	KD-E15...(RAL)
insulated ventilation chimney E	150	1	KD-EO15...(RAL)
uninsulated ventilation chimney G	110	1	KD-G11...(RAL)
insulated ventilation chimney G	110	1	KD-GO11...(RAL)
uninsulated ventilation chimney G	150	1	KD-G15...(RAL)
insulated ventilation chimney G	150	1	KD-GO15...(RAL)
aerial's adapter A	1	1	PA-DA...(RAL)
aerial's adapter B	1	1	PA-DB...(RAL)
aerial's adapter C	1	1	PA-DC...(RAL)
aerial's adapter D	1	1	PA-DD...(RAL)
aerial's adapter E	1	1	PA-DE...(RAL)
aerial's adapter G	1	1	PA-DG...(RAL)

Adapter type	Compatible with the manufacturer
A	Bramac- Donau Dachstein, Monier Brass – Baltic S, IBF – Double S, Nelskamp – Pantile S, Prodach – Double Pantile
B	Bramac- Alpen Dachstein, Monier Brass – Romanian, Prodach – Double Romanian, Benders – Mecklenburger
C	Euronit – Profile S
D	Monier Brass – Celtic, Nelskamp- Sigma
E	Euronit – Extra
G	IBF- Double Romanian



\* Colours of the chimneys are adjustable to covering.  
Please specify the producer, model and colour of the covering.

# GRAVITATIONAL VENTILATORS

MAKES IT POSSIBLE TO USE THE ENERGY OF WIND FOR INCREASE THRUST FAN

NEW



- black

RAL 9005
- graphite

RAL 7024
- brown

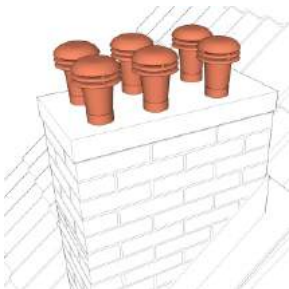
RAL 8017

- MATERIAL

Plastic.
- RESISTANCE

Weather condition, aging processes, UV radiation.
- ADVANTAGES

Provides an intense aeration, even at minimum wind speed.  
Provides effective protection against falling water and the snow.  
High quality material resistant to damages. Quick and easy installation.
- INSTALLATION



Type	Diameter (mm)	Height (mm)	Package (pcs.)	Product code
ventilator	50	190	1	WG-50 ...(RAL)
ventilator	75	190	1	WG-75 ...(RAL)
ventilator	110	275	1	WG-110 ...(RAL)
ventilator	160	305	1	WG-160 ...(RAL)
ventilator	200	305	1	WG-200 ...(RAL)

# CONNECTION PIPE SPIROFLEX

FLEXIBLE PIPE DESIGNED FOR CONNECTING VENTILATION CHIMNEY WITH VENTILATION DUCT OR SEWER

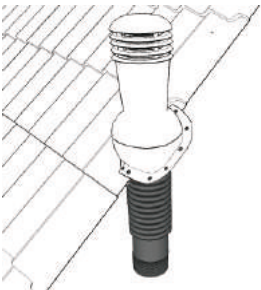


- MATERIAL

Flexible plastic material with high extensibility.
- RESISTANCE

Weather conditions, aging processes, UV radiation.
- ADVANTAGES

Flexible wire with adjustable length and the possibility of circulation in different directions. Material with improved resistant to scratching. Fast and easy installation.
- INSTALLATION



Type	Diameter (mm)	Length (mm)	Package (pcs.)	Product code
SPIROFLEX 50	110	500	10	RS-50
SPIROFLEX 60	110	600	10	RS-60
SPIROFLEX100	110	1000	10	RS-100

TECHNICAL DATA SHEET

# sealing products

A wide range of professional products designed for sealing chimney and other flashings, as well as products to connect and repair roof membranes.

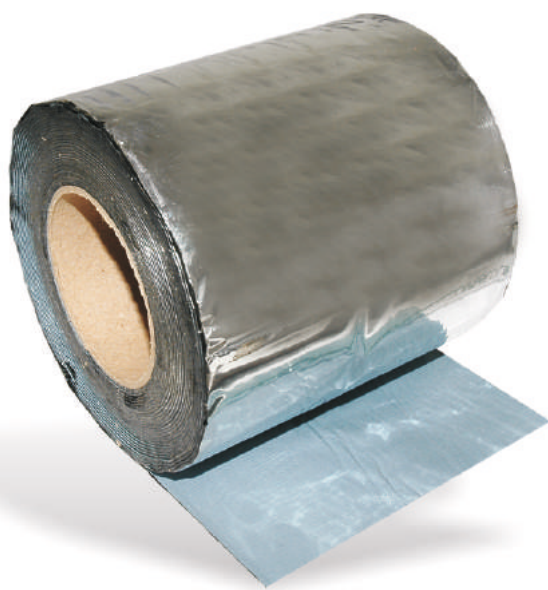






## MULTIFUNCTIONAL TAPE ALUBIT

### USED FOR SEALING FLASHINGS, AND REPAIR ROOFING



Made of bitumen-polymer substance and metallic aluminum tape with UV stabilization. 1,2 mm bituminous layer is strong adhesive for most bases.

#### MATERIAL

Weather conditions, aging processes, UV radiation.

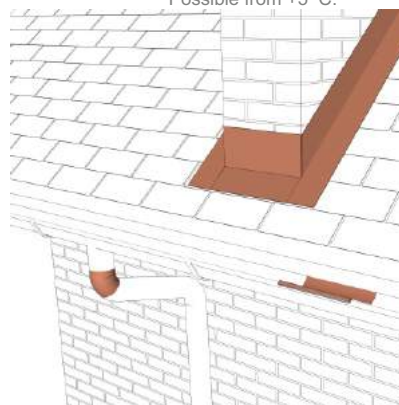
#### RESISTANCE

It is perfect for specialist repair with no need for tools.  
It keeps the parameters in temperature between - 40° C do + 90° C.

#### ADVANTAGES

#### INSTALLATION

Possible from +5° C.



brick red anthracite aluminum  
RAL 8004 RAL 7016

Width (mm)	Length (m)	Package (pcs.)	Product code
100	10	10	081210...(RAL)
150	10	6	081215...(RAL)
200	10	4	081220...(RAL)
300	10	3	081230...(RAL)
450	10	2	081245...(RAL)

## USED FOR SEALING FLASHINGS, AND TO REPAIR ROOFING

## MULTIFUNCTIONAL TAPE ALUBIT S

### MATERIAL

Made of bitumen-polymer substance and thick aluminum tape with UV radiation. 1,5 mm bituminous layer is strong adhesive for most bases.

### RESISTANCE

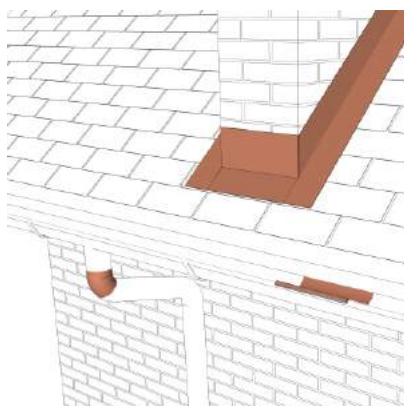
Weather conditions, aging processes, UV radiation, mechanical damages.

### ADVANTAGES

Increased strength parameters. It is perfect for specialist repair with no need for tools. It keeps the parameters in temperature between - 40° C do + 90° C.

### INSTALLATION

Possible from +5° C.



brick red	anthracite	aluminum
RAL 8004	RAL 7016	

Width (mm)	Length (m)	Package (pcs.)	Product code
100	10	10	081510...(RAL)
150	10	6	081515...(RAL)
200	10	4	081522...(RAL)
300	10	3	081530...(RAL)
450	10	2	081545...(RAL)

## SEALS THE CONNECTIONS BETWEEN WOODEN, METAL OR PLASTIC ELEMENTS

## BUTYL TAPE BUTYLTECH

### MATERIAL

1,0 mm double-sided synthetic rubber, strong adhesive for most bases.

### RESISTANCE

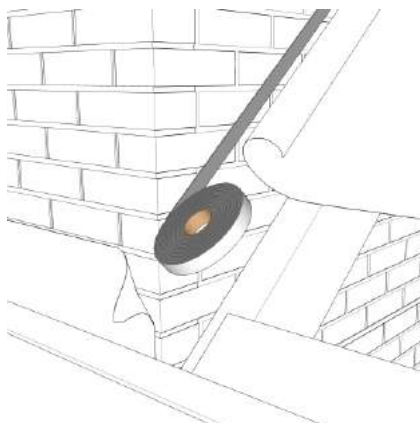
Weather conditions, aging processes.

### ADVANTAGES

It is perfect for specialist repair with no need for tools. High quality butyl has strong adhesive properties. It keeps the parameters in temperature between - 40° C to + 90° C.

### INSTALLATION

Possible from +5° C.



gray

Width (mm)	Length (m)	Package (pcs.)	Product code
18	50	12	081018.0000

# REINFORCED DOUBLE-SIDED TAPE DUO

USED FOR REPAIRING MEMBRANES AND VAPOUR BARRIER



colourless

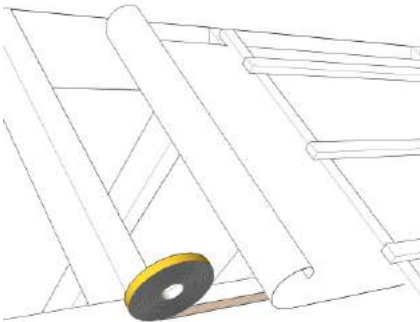
Width (mm)	Length (m)	Package (pcs.)	Product code
20	25	12	080420.0000

Double-sided adhesive tape reinforced with polyester fiber.

Weather conditions, aging processes.

High quality tape with strong adhesive properties.

Possible from +5° C.



MATERIAL

RESISTANCE

ADVANTAGES

INSTALLATION

TECHNICAL DATA SHEET

# REPAIR TAPE ELASTIC

USED FOR REPAIRING POLYPROPYLENE AND POLIETHYLENE FILMS



green

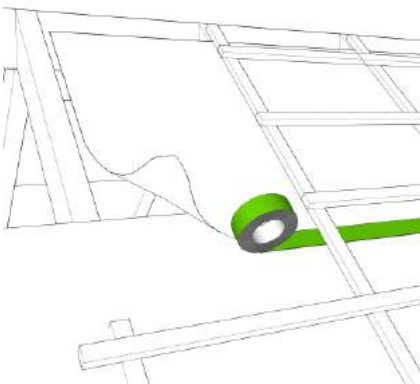
Width (mm)	Length (m)	Package (pcs.)	Product code
50	25	6	080550.6032

One-sided adhesive tape reinforced with polyester fiber.

Weather conditions, aging processes.

High quality tape with strong adhesive properties.

Possible from +5° C.



MATERIAL

RESISTANCE

ADVANTAGES

INSTALLATION

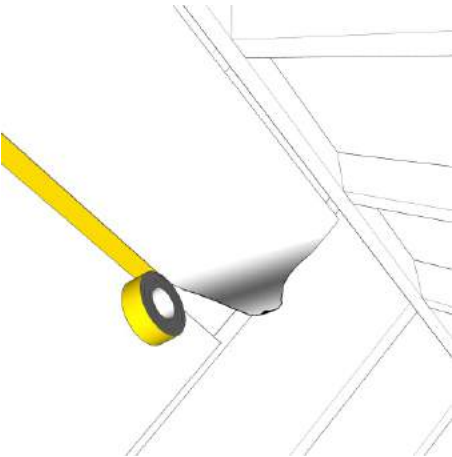
TECHNICAL DATA SHEET



USED FOR REPAIRING POLYPROPYLENE  
AND POLIETHYLENE FILMS

REPER REPAIR TAPE

MATERIAL	One-sided adhesive tape for the inside use.
RESISTANCE	Mechanical damages.
ADVANTAGES	High quality tape with strong adhesive properties.
INSTALLATION	Possible from +5° C.



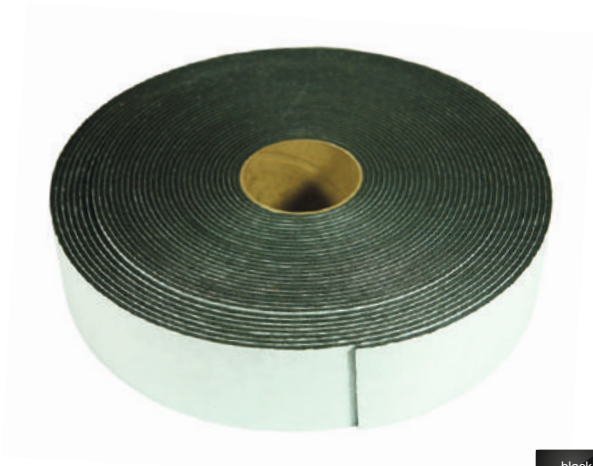
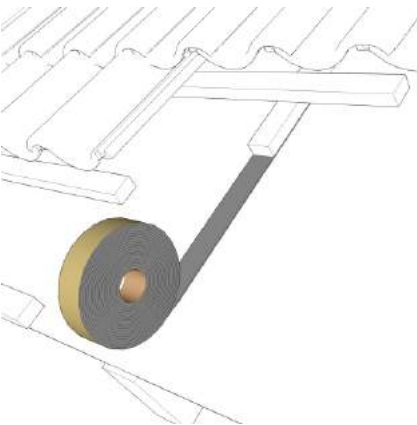
yellow

Width (mm)	Length (m)	Package (pcs.)	Product code
50	25	6	080650.1016

ADDITIONAL PROTECTION AND SEALING UNDER  
THE COUNTER BATTENS

TAPE UNDER THE  
COUNTER BATTENS PE

MATERIAL	One-sided cross-linked polyethylene adhesive tape with closed-pore structure.
RESISTANCE	Weather conditions, aging processes.
ADVANTAGES	High quality tape with strong adhesive and insulated properties. Prevents from moisture ingress between roofing membrane and counter battens.
INSTALLATION	Possible from +5° C.



black

Size (mm) (height/width)	Package (m)	Product code
3x40	240	080740
3x45	210	080745
3x50	180	080750
3x60	150	080760
4x40	160	080840
4x45	140	080845
4x50	120	080850
4x60	100	080860

# lightning protection system

Wide range of certificated products for lightning protection installation.  
Products tested according to PN-EN 62561-1:2012





PRODUCTS FOR COMPLETE LIGHTNING  
PROTECTION SYSTEM OF THE BUILDING,  
SLOPE AND FLAT PROFS. PRODUCTS  
TESTED ACCORDING TO: PN-EN 62561-1:2012

## ITEMS OF LIGHTNING PROTECTION

4-holes transverse  
joint



2-elements universal  
joint



Gutter joint



4-holes finishing  
joint



Ridge tile grip  
Universal



Ridge tile grip  
G5 MAX



Peak roof grip



Roof grip with slab



Wire grip on the rabbet



Plastic grip (clip)



Lightning setup pipe



**TOOLCO**  
roof system

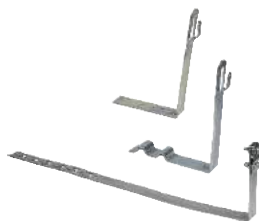
[www.toolco.pl](http://www.toolco.pl)



Grip with pin



Grip under the roof tiles



Concrete grip in the plastic



Concrete grip in the plastic



Control and measurement ground box



Control and measurement ground box



Case of ground control joint



Case of ground control joint



Downpipe grate



Universal grate



Eye to eye turnbuckle



Grounding rod



Chimney spire



Double gander spine



Grounding mast with metal base



3-meters grounding set



Roof grab with slab



Universal ridge tile grip



Grounding mast with 5-leg base



Plastic mast for high voltage wire





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