



all for roofs

www.parotec.pl



PAROTEC, thanks to its stable market position, is a recognized and appreciated brand in the construction industry. By investing in the modernization of the machinery park, we are able to ensure the highest quality of our products and maintain its **price competitiveness**. By choosing to cooperate with our company, you are not only opting for products of **high quality** or attractive prices, but also for a high standard of customer service and satisfaction with the business relationship. As a producer, we have the advantage of being able to offer you customized products: with special parameters or with the customer's own logo as well as without any logo.

**We are pleased to share with you a presentation of
PAROTEC products!**

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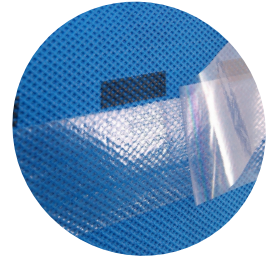
 **PAROTEC®**

Roof membranes



Parotec offers different variants of membranes, manufactured with **three- or four-layer** technology (two outer layers of polypropylene material, a functional film and polyethylene mesh in the case of Parotec gamma strong membrane). Our membranes allow rapid drainage of water vapor, reducing the risk of dampness of the roof structure and thermal insulation.

Products with the plus sign have an integral adhesive strip, that facilitates overlapping the edges.



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Roof membranes



- **high vapor permeability** - low water vapour diffusion resistance index (Sd 0.03 - 0.04 m) confirmed by tests;
- **very high tensile resistance** - thanks to the method of micro-welding when joining the individual layers of material together;

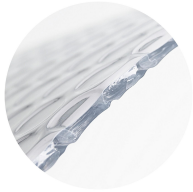
- **tolerance of density** - reaches only 3% in basic models;
- **UV resistance** - kappa and kappa++ up to **180 days**;
- **easy to install** - version PLUS ++ (integral self-adhesive strip);
- **specialized products** (gamma strong, metallo, matt);



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Thermal insulation screens

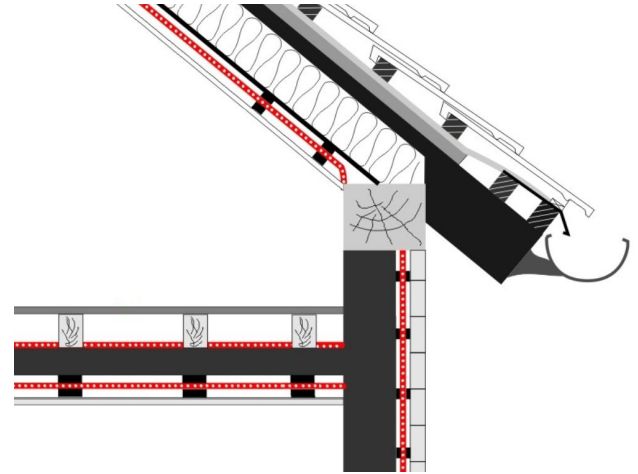
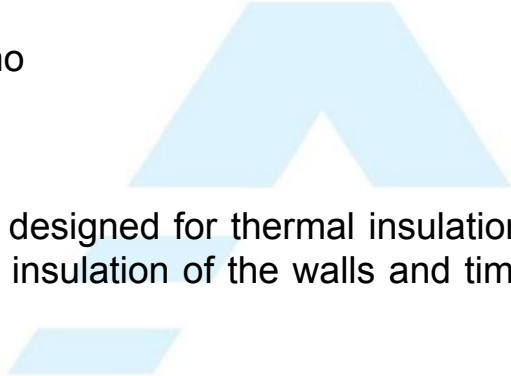


PAROTEC offers two types of thermal insulation screens

- FOLTERM uno
- FD+



These screens are designed for thermal insulation in air gaps of thermal insulation of the walls and timber framed roofs.



Certification of Thermal Resistance
ITB-KOT-2020/1236

 [®] jakość w budownictwie
Instytut Techniki Budowlanej

*Thermal resistance value at 10°C of a 0.05-m thick air gap with a thermal insulation mat placed in the middle of the gap for vertical heat flow

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 **PAROTEC** [®]

Vapour barrier and thermal insulation foils



PAROTEC active - double-layer active vapour barrier. The variable S_d value of the barrier allows excess moisture to drain both from the attic toward the thermal insulation and from the insulation into the attic.



PAROTEC alu - Metallized foils installed on the inside of the building, before the mineral wool layer. They reflect infrared radiation and further support traditional building insulation.



Vapour barrier foils



Attested **vapour barrier foils**, together with a vapour permeable **membrane** and mineral wool, form a properly insulated roof system.

Our offer includes:

- foils in various sizes;
- different **thickness tolerances**;
- basic colors: yellow and blue.

It is an excellent material for vapour-proofing of the framing of walls, roofs and ceilings. The main features of the film are high **vapour tightness**, strength and tear resistance.



Construction and foundation foils

Construction foil is a product with a wide range of uses. But mainly serves as an anti-moisture layer for flooring and screeds.

Frequent use is due to its many advantages:

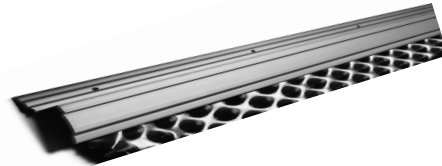
- vapour-proofing and flexibility;
- easy to install;
- resistant to environmental and mechanical damage.



Foundation foils FK 400 are designed for vertical insulation of foundations, walls and ceilings. The embossing help to keep an air gap which works as insulation, drainage and ventilation.

For easy installation:

- **foundation strip**
- **nails**



Adhesive tapes for membranes and foils

The tapes are used for **bonding** roof membranes, thermo-insulation screens and foils of various uses by **sealing** the contact area, as well as **attaching** to the surface

- **Unotec and Duotec** - bonding and repairing of membranes;
- **Steltec and Izotec** - installing and bonding of vapour barriers;
- **Purotec and PES** - sealing;
- **Alutec** - bonding of aluminum screens and foils;
- **Butyltec** - installing to surface of different structures.



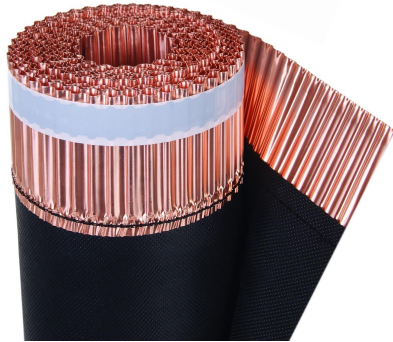
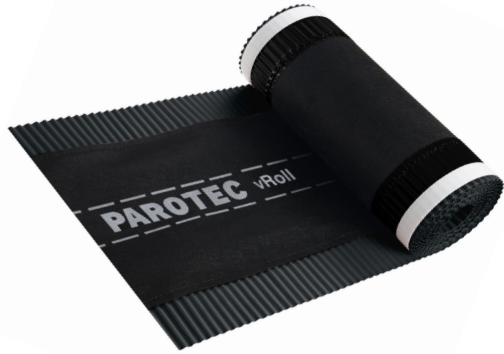
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Roof ridge roll

Roof ridge rolls (**vRoll**, **dRoll**, **xRoll**) ensure a proper ventilation of the space between the roofing and the inner layers of the roof

- pleated aluminum bands (or copper) precisely adjust to the shape of the roof covering;
- butyl of the highest quality guarantees the tightness of the connection;
- variety of materials, sizes and colors.



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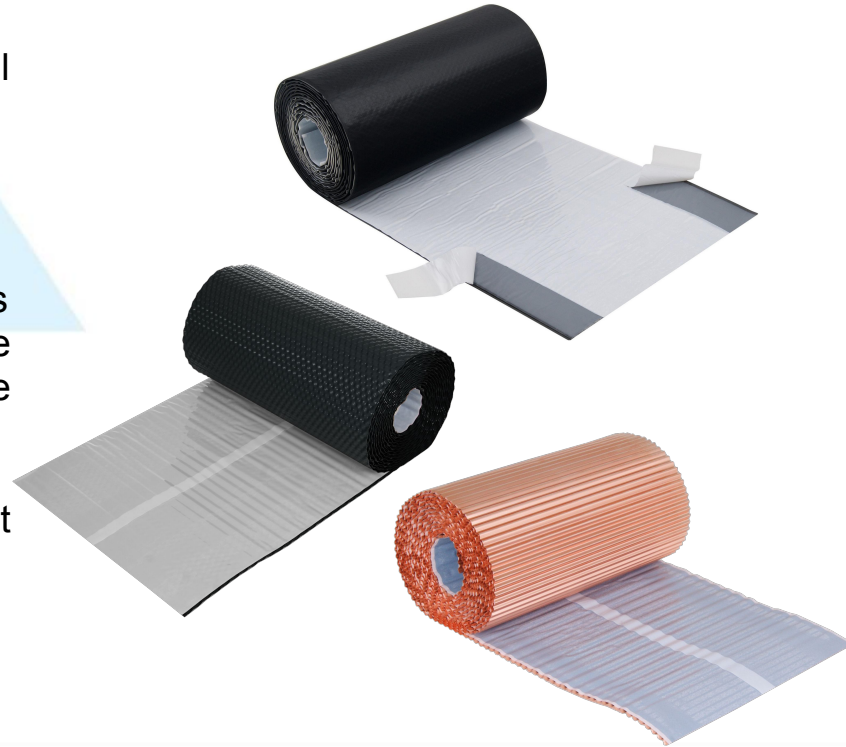
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Chimney and roofing tapes

Chimney tapes secure the connections between the wall and chimney and the roof covering.

Variety of assortment according to:

- **material**
lead (heavy, very flexible), aluminium (light, less expensive, less flexible), copper (refined, more durable) and EPDM (a blend of all the above advantages);
- **texture**
pleated (2D), honeycomb structure (3D) and flat surface (lead or EPDM).



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Chimney and roofing tapes

Sealing in roofing work can be done with bituminous or butyl roofing tapes, which are made of an adhesive-sealing substance and a support, a laminate of PET film with aluminum.

Bitape - bitumen tape

show major adhesion to building surfaces, high resistance to weather conditions and UV radiation.



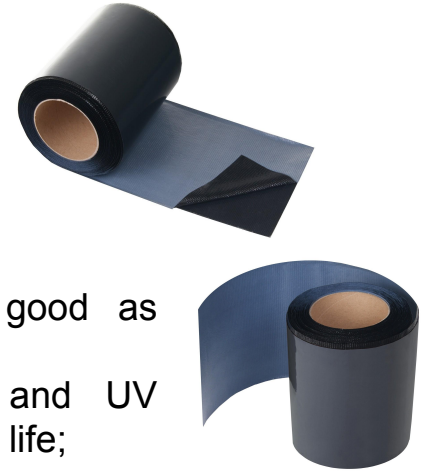
Butape

-

butyl

product with excellent sealing properties:

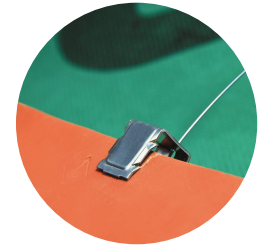
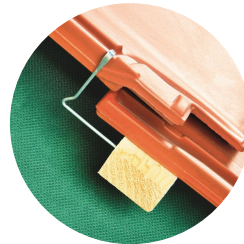
- major adhesion to building surfaces (as good as bituminous tapes);
- higher resistance to weather conditions and UV radiation and, as a result, much longer service life;
- good price.



Tile clips

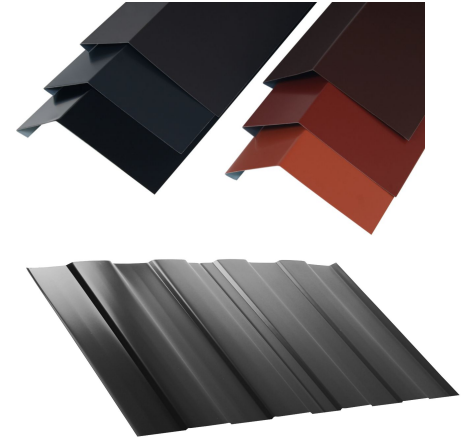
Clips for ceramic or concrete roof tiles come in a galvanized version, adequate for a particular type of tile or in a universal option. A very special type - **the cut tile clip** - is produced from stainless steel as standard.

- zinc coating applied to the wire in the process of hot-dip galvanizing, increases resistance to harsh weather conditions;
- on special order we can produce INOX version clips for each model available in the offer.



Roof accessories - galvanized steel and aluminium

Range of products made of 0.55 mm thick aluminum sheet, coated with polyester paint:



- **roof valley flashing** - this product provides tightness at the junction of the roof slopes; it can be longitudinally or transversely embossed;
- **gutter apron** - eave element properly shaped to drain water from the membrane and roofing;
- **chimney flashing strip** - product that secures the connection between the chimney and the chimney tape.



Items made of galvanized steel that serve for the installation of ridge batten:

- **ridge batten support grip** - nail
- **ridge batten support grip** - bracket

Roof walkways



System of walkways is set of elements used on the roof that facilitates moving both along and across the slope of the roof, for repair work or chimney sweep visits, while eliminating possible damage to the roof covering. Such a system includes:

- chimney sweep bench - length 40/60/80/100/120/150/200 cm;
- chimney sweep step;
- fasteners (“cradle” and bracket).



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Snow protection

The installation of these elements prevents snow from sliding down, which protects the gutter system from damage and ensures the safety of people and property near the edge of the roof.

- **snow fences** - snow protection mounted with a simple "click" system; size: height of 15/20 cm and length of 150/200 cm
- **snow pipes** - provide security while emphasizing the modern style of the building;
- **snow point protection** - arrow-shaped



Roof walkways and snow protection

PAROTEC company places a very high emphasis on the quality of its products

Metal parts are subjected to the process of hot-dip galvanizing - **min 55µm**, and then powder coating - **min 60µm**, which makes them very resistant to weather conditions.

PAROTEC stands out from the competition with its solid, thick-steel products that achieve the highest quality parameters.

QUALITY means SAFETY

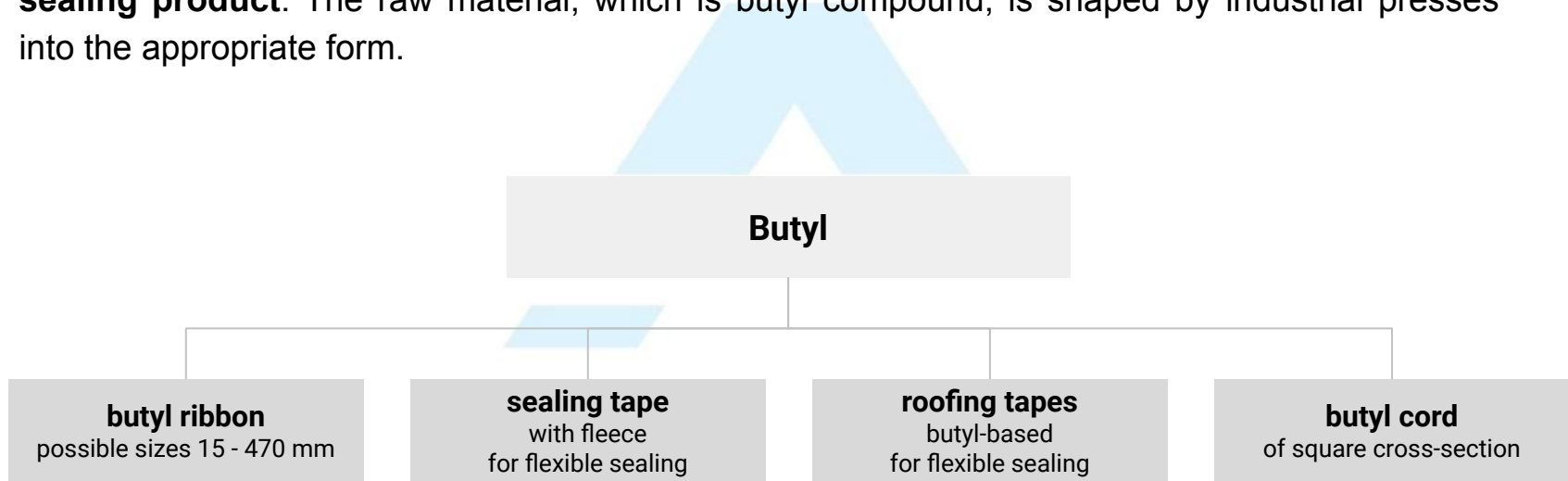


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Butyl products

Butyl, due to its high flexibility, adhesive strength and weather resistance, is the most popular **sealing product**. The raw material, which is butyl compound, is shaped by industrial presses into the appropriate form.

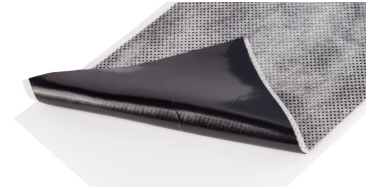
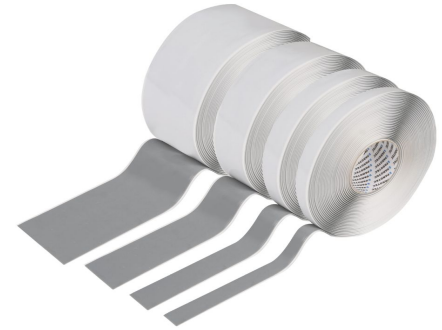


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 **PAROTEC®**

Butyl products

- shows resistance to aging processes; does not corrode, does not mold and does not contain any solvents;
- seals immediately; retains stickiness and elasticity, does not harden and does not change its volume (compared to bituminous compounds, which splinter and unseal the bonded area over time);
- does not require the use of additional tools or activating compounds;
- sticks with many surfaces of diverse porosity;
- absorbs vibrations and reduces noise (e.g. in car cabins).



Butyl-based tapes are widely used in many industries including roofing, construction and automotive.

Parotec Sp. z o.o.

Stefana Batorego 97, 62-081 Batorowo (POLAND)

VAT-ID: PL7773229955

export@parotec.pl

+48 570 799 030



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