Corotop®

MORE THAN RESISTANCE


MORE THAN RESISTANCE
HIGH PERFORMANCE BREATHABLE

CONTENTS

COROTOP®: MORE THAN RESISTANCE

The Corotop brand is owned by a company that has 25 years of experience in the construction industry, successfully strengthening its position in Poland and on an increasing number of foreign markets - from European Union member states to New Zealand. The brand's offer, which is recognized in Poland and abroad, includes a wide range of high-quality membranes (roof, facade and vapor barrier) and roof accessories.

25 YEARS **WITH YOU**

The company owns two production plants and a converting plant – the former located in Chrząstowice and Ozimek (the Opole Voivodeship) and the latter in Ohorn, Germany. Within 10 years the company has increased the number of employees 10-fold and is a well-known employer in the region.

CB S.A. is one of the leading producers and distributors of specialised materials such as high class roof membranes, functional film, ridge tapes; it also manufactures glass fibre mesh.

The company is continuously expanding its three established brands: Corotop, Rednet and Secco, as well as their product portfolio, investing in the development of technologies and equipment and tailoring its product range to the needs of even the most demanding customers from all over the world. The products are available on the market through specialized distribution companies, wholesalers, constructors' warehouses and DIY-store channels.

We supply the roofing industry, manufacturers of insulating materials and drywalls, and the tiling industry.

The Corotop® brand provides modern roofing and facade systems which ensure energy efficiency thanks to effective thermal insulation. The Corotop® product line, well known in Poland and on foreign markets, includes a wide range of high quality membranes (roof, facade and vapour-barrier membranes), as well as roofing accessories.

1995
Centrum Budowlane sp. z o.o.

1997
Development of distribution chains

2000
Establishes the Corotop Brand

2001
Establishes the Rednet Brand

2001
CB sp. z o.o.

2002
Establishes Globau sp. z o.o.
In-house production line for membrane packaging

2003
Start of export sales

2004
Establishes Secco Brand

2008
Takeover of 51% of shares in Asglatex

2009
CB S.A.

2010
Investment in the membrane production line

2011
Takeover of 100% of shares in Asglatex

2013
Purchase of the innovative mesh impregnation line

2014
Relocation of the production plant to Ozimek

2015
New 100,000 m2 production hall
Investment in the German S3 membrane production line

2016
Expansion of Corotop export sales

2017
Rapid increase of export sales

2018
Investment in functional film production lines

2019
CB Production

2019
Investment in membrane production lines using the hot-melt technology

2020
New investment in membrane production line, which doubles the production capacity of the plant

2020
Ondura Group
New investment in the non-woven polypropylene fabric production line

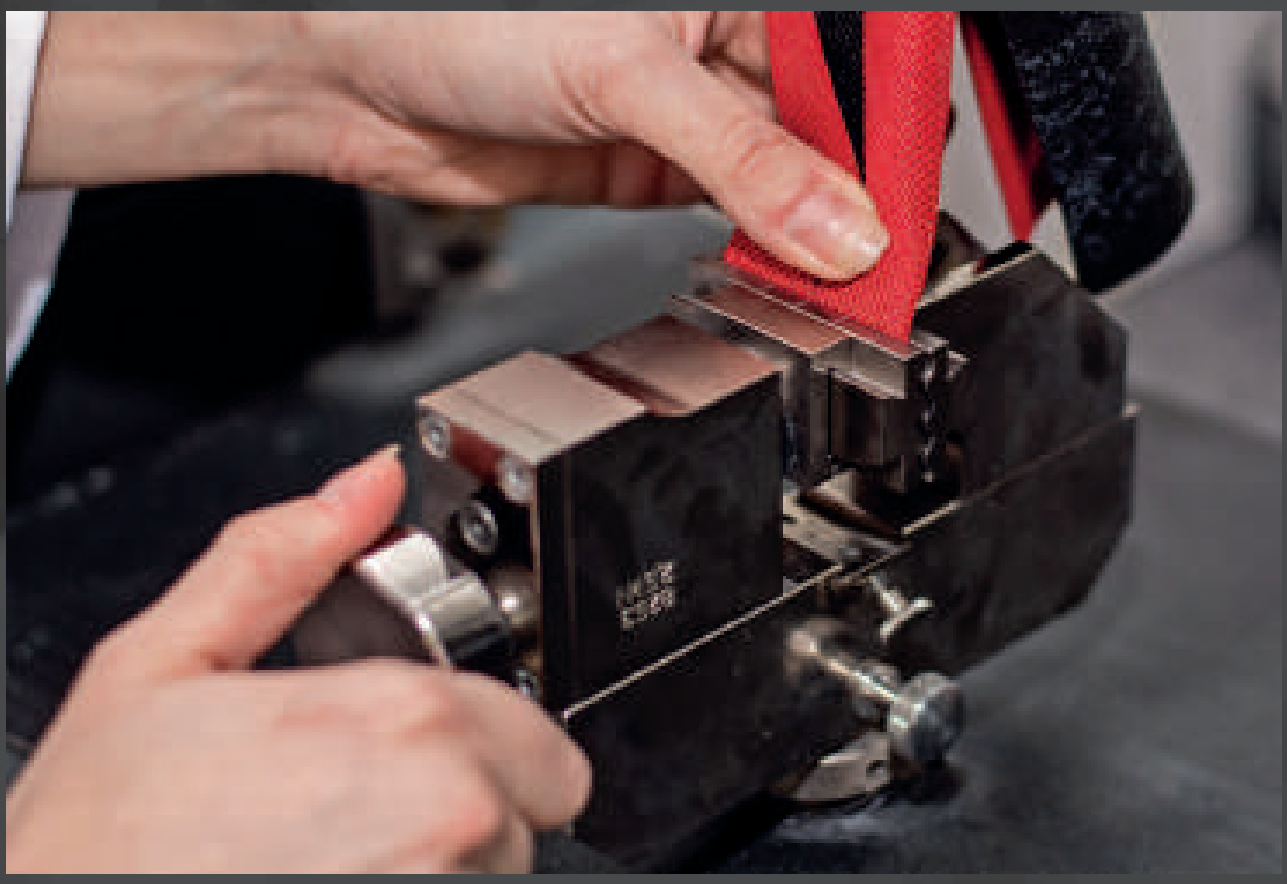
LABORATORY

Thanks to our specified laboratory equipment we are able to monitor the properties of our membranes , guaranteeing the highest quality

Corotop® are the most modern roof and facade systems that ensure energy efficiency thanks to effective thermal insulation. The Corotop® product range, well known in Poland and on foreign markets, includes a wide range of high quality roof, facade and vapour-barrier membranes as well as roof accessories. We meet the highest European standards – production of our membranes is a technologically advanced process, from pure raw material to the final products installed on the roof.

We guarantee quality, which we coordinate right from the start in our production plant (CB Production), by examining each of the key parameters in detail in our laboratory for all parts of the produced material and functional film. Only products that have been carefully tested are introduced to the market. Decades of experience and specialisation in the production of Corotop roof membranes is the best guarantee of the quality and durability of our products.

The reliability of the Corotop brand is confirmed through the trust of our customers, and most of all roofers, who for years have used our products on thousands of roofs. The unceasing development of our product range is accompanied by a continuous increase in sales both in Europe and on other continents. The Corotop® products also include a comprehensive system of roof accessories, which provide full ventilation and stability for any roof.




AVAILABLE GRAMMAGE
18-70
gsm
NOMINAL FILM WIDTH
from 1030 to 1630
mm

FUNCTIONAL FILM PRODUCTION

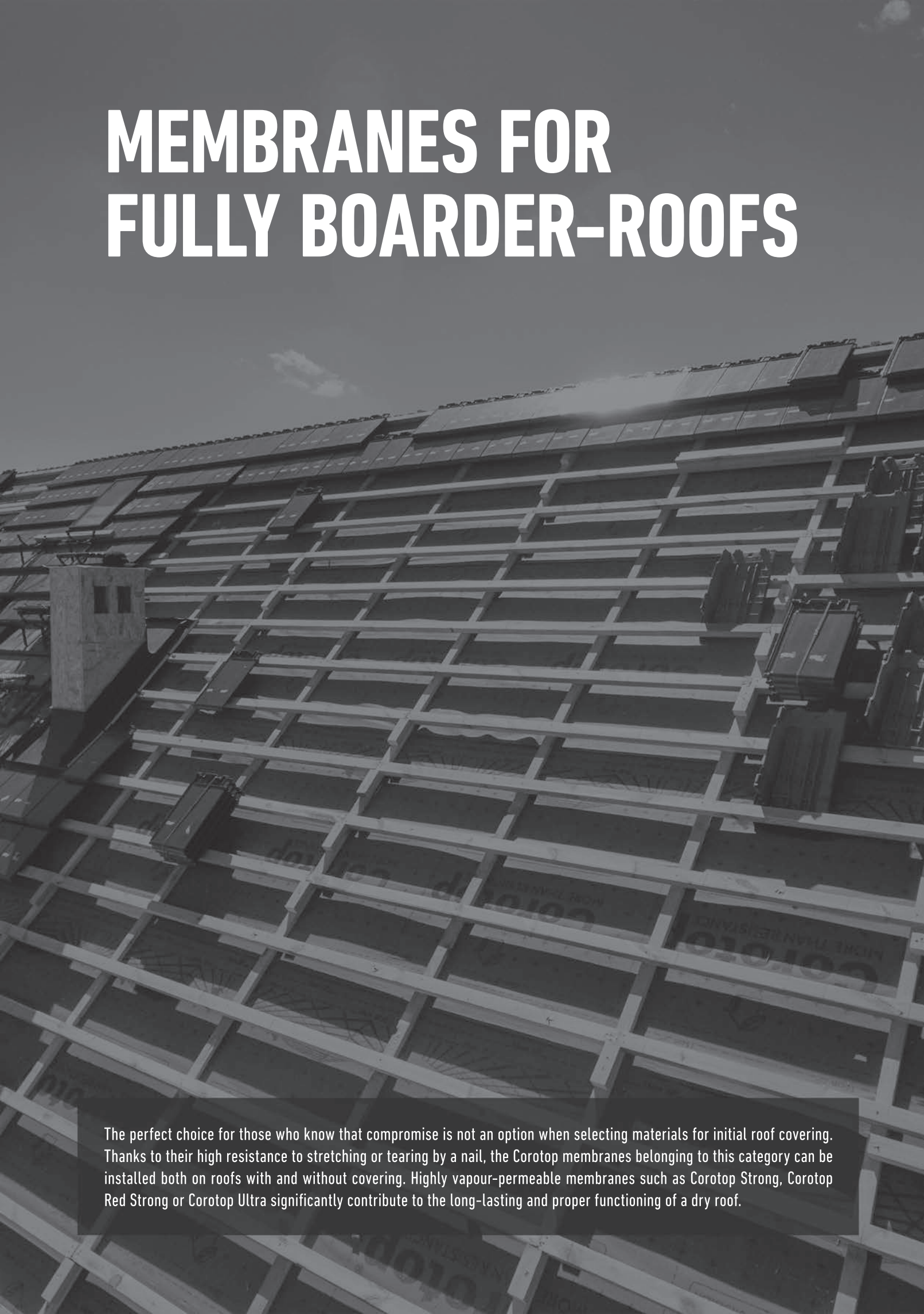
Last year the CB Group started up one of the most modern lines in Europe for the production of functional PP/PE films.

In buildings' roof and facade structures, the quality of the membrane translates into proper protection of the attic and thermal insulation layer against dampness and ensures that the building has higher energy efficiency parameters. We are able to meet the ever more-demanding market requirements, expanding the range of our technological capabilities, e.g. to produce a waterproof, breathable functional film. The functional film is the core of a multi-layer membrane and is, to a great extent, responsible for the quality of the product or its UV-resistance.

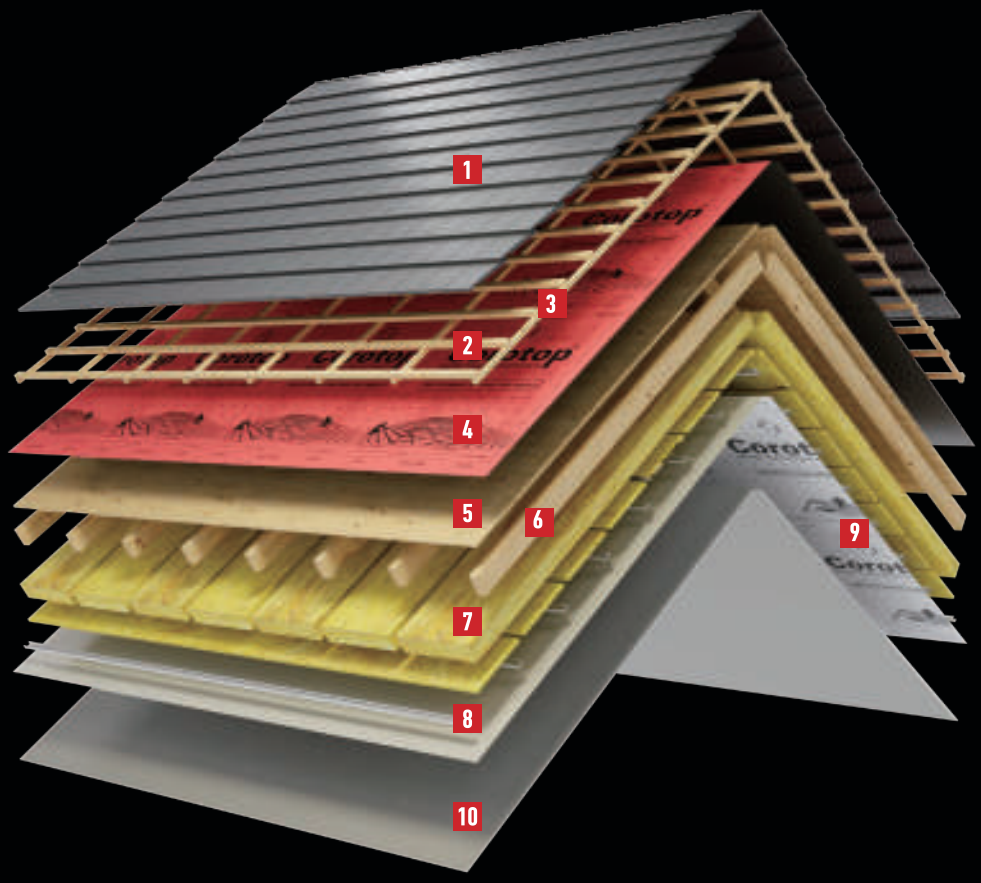
Last year the CB Group started up one of the most modern lines in Europe for the production of functional PP/PE films, using pouring technology (CAST), with a module for longitudinal film stretching MDO (Machine Direction Orientation). The layer of such a film ensures resistance to sunlight (including UV-resistance), water permeability and regulates the balance of water vapour flow through the roofing system. The high quality of the breathable inner functional layer is a key for the durability of our highly vapour-permeable COROTOP® membranes, both during construction work and when in use.

Investing in a new, highly efficient production line (max. efficiency of 500 kg/h) we acquired the ability to produce films in various nominal widths (from 1030-1630 mm) or grammages (18-70 gsm), but, most importantly, we are able to optimise the base formula of the membrane and, consequently, to improve mechanical properties, UV-resistance, impermeability to water and breathability of the micro-porous film. We diversify the products by, among other things, increasing their resistance to harmful radiation, so that they may be launched on markets with harsher than moderate climates, with a high UV index value.

MEMBRANES FOR FULLY BOARDER-ROOFS



The perfect choice for those who know that compromise is not an option when selecting materials for initial roof covering. Thanks to their high resistance to stretching or tearing by a nail, the Corotop membranes belonging to this category can be installed both on roofs with and without covering. Highly vapour-permeable membranes such as Corotop Strong, Corotop Red Strong or Corotop Ultra significantly contribute to the long-lasting and proper functioning of a dry roof.



COMPONENTS

1 Roof covering
2 Batten
3 Counter batten
4 Roof membrane
5 Full boarding
6 Rafter
7 Thermal insulation
8 Drywall section
9 Vapour barrier
10 Drywall

TECHNICAL ADVISOR'S OPINION:

These are our most universal roof membranes. Parameters such as resistance to stretching or tearing by a nail are worth paying attention to because they tell us a lot about the quality of the product.

new

PURE

REDUCED CARBON FOOTPRINT

LABEL FROM RECYCLED MATERIALS

LESS WASTE

A very durable, thick and damage-resistant roof membrane manufactured with the environment in mind. It is green for a good reason. Namely, Corotop PURE has a decreased carbon footprint, measured in accordance with international standards. Corotop Pure is packaged in recycled material in accordance with the “less waste” concept, thus reducing the use natural resources. Thanks to its high vapour-permeability (Sd=0.02 m) and resistance to water penetration (W1), Corotop PURE guarantees that the roof is dry and leak-resistant.

MANUFACTURED WITH ENVIRONMENT IN MIND

0,07 m

205 g/m²

210 N
300 N

20/20+ rolls

75 m²
1,50 m x 50 m

Available with an adhesive strip

Technical advisor’s opinion

The perfect solution for contractors who value high product quality and care for environmental protection.

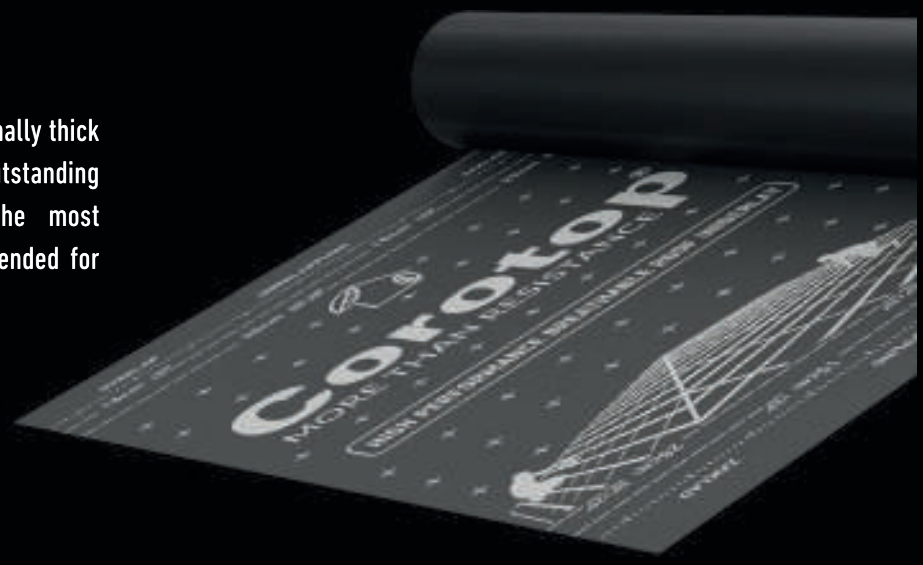
STRONG

Membrane of top quality functional film covered with two layers of durable non-woven polypropylene fabric protects the roof against dampness, which creates an efficient vapour permeability and effective water-tightness.

0,02 m | 160 g/m² | 200 N / 275 N | 24/24+ rolls | 75 m² 1,50 m x 50 m | Available with an adhesive strip

ULTRA

Top quality functional film covered with two exceptionally thick layers of non-woven polypropylene fabric and outstanding resistance against mechanical damage make the most demanding roofers choose this membrane. Recommended for use in structures subjected to increased loads.



0,02 m | 220 g/m² | 280 N / 400 N | 20/20+ rolls | 75 m² 1,50 m x 50 m | Available with an adhesive strip

RED STRONG BESTSELLER

Outstanding durability parameters make this membrane exceptionally resistant to damage during installation and use on the roof. Covered with two layers of durable non-woven polypropylene fabric and responsible for vapour-permeability and waterproofness, the top quality functional film makes the membrane effectively protect the roof against dampness.

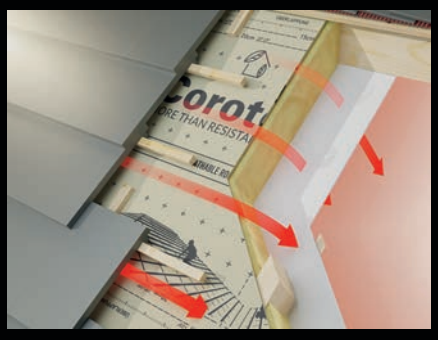
0,02 m | 180 g/m² | 250 N / 350 N | 20/20+ rolls | 75 m² 1,50 m x 50 m | Available with an adhesive strip

new

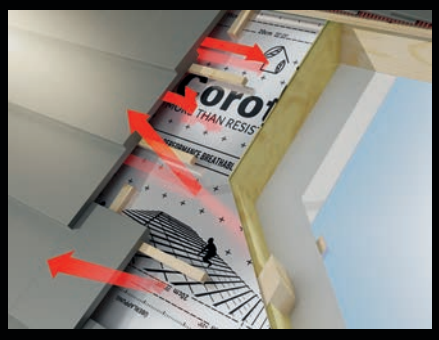
THERMO CONTROL

Breathable, vapour-permeable membrane made by thermal binding of a metallised surface of perforated foil with functional film and the outer polypropylene layer. It reflects thermal radiation going through the covering, improving thermal comfort. A reflective layer ensures better energy and thermal efficiency of the building.

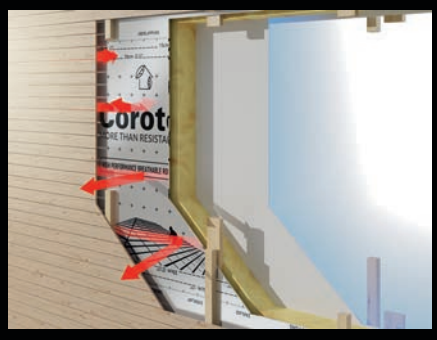
0,05 m | 150 g/m² | 120 N 190 N | 24 rolls | 75 m² 1,50 m x 50 m



Thermal radiation translates into high temperature in the attic



Corotop Thermo Control membrane contributes to temperature reduction and reflects thermal radiation from the roof covering.



Improves thermal insulation performance.

EXTRA PROTECT

A highly durable, highly vapour-permeable, four-layer roofing membrane.Thanks to the polypropylene mesh placed inside, the membrane has unusual strength parameters. It is particularly recommended for roofs where there is an increased probability of damage to the initial roof covering.

0,07 m | 165 g/m² | 200 N / 250 N | 20 rolls | 75 m² (1,50 m x 50 m)

Technical advisor's opinion

Especially recommended for roofs where there is an increased likelihood of damage to the initial covering.

CONDENSATION

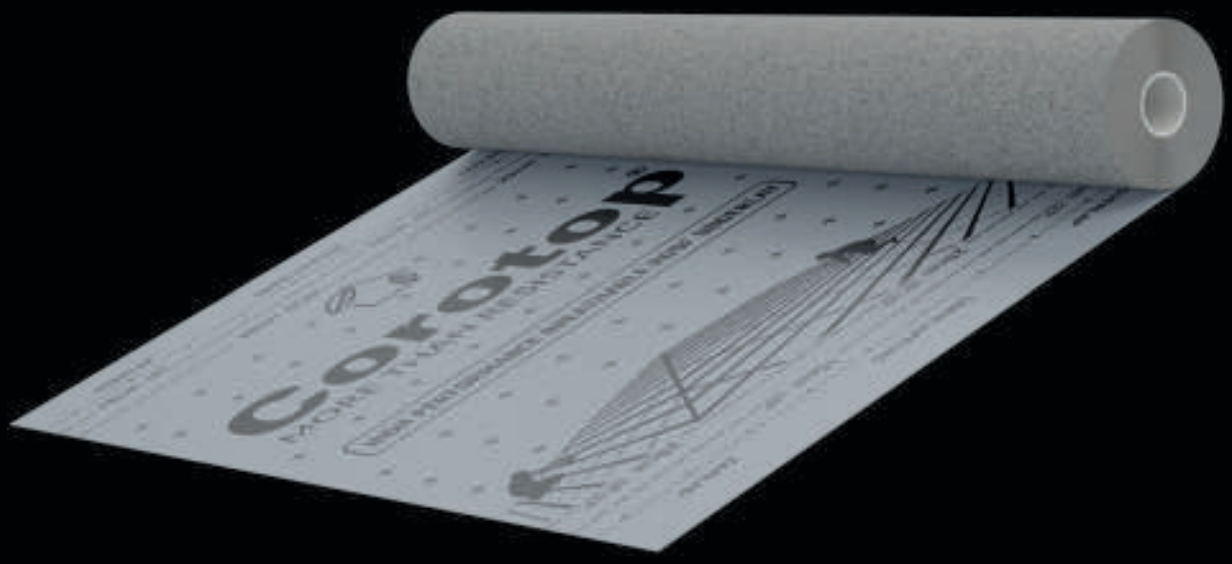
Water vapour condensation is a change in the physical state of water from gaseous to liquid. This phenomenon occurs when the air temperature drops below the dew point or when air gets saturated with water vapour. Then moisture in the form of small water drops appears on the surface of the membrane. These can penetrate the thermal insulation, degrading its parameters. To avoid this, we put an anti-condensation layer on the Corotop Power and Corotop X-Tream membranes. It is a special, needle-punched non-woven fabric with absorption properties that prevent excess water vapour from condensing on the membrane. Instead, the excess water vapour permeates the membrane and is released to the ventilation space in the roof covering in appropriate conditions when moisture changes to water vapour.

VAPOUR PERMEABILITY

Is the ability of the roof membrane to allow water vapour to pass through it. Our membranes, thanks to their high vapour permeability, significantly affect roof drying. Vapour permeability level is indicated by the water vapour diffusion resistance factor (Sd), which is the ratio of the membrane diffusivity level to the thickness of the column of air with the same diffusivity. For example, if the Corotop membrane Sd is 0.02 m, then the vapour resistance of the membrane is that of 2 cm of air. The current vapour-permeability of the membrane installed on the roof is determined by, among other things, the level of saturation of the air with water vapour or the difference of the air temperature between either side of the membrane.

X-TREAM

Highly vapour-permeable, two-layer membrane designed for the most demanding customers and contractors. Thanks to polyester unwoven fabric covered with polyurethane film it is extremely resistant to mechanical damage and high temperature.



0,15 m | 190 g/m² | 160 N / 170 N | 20/20+ rolls | 75 m² 1,50 m x 50 m | Available with an adhesive strip

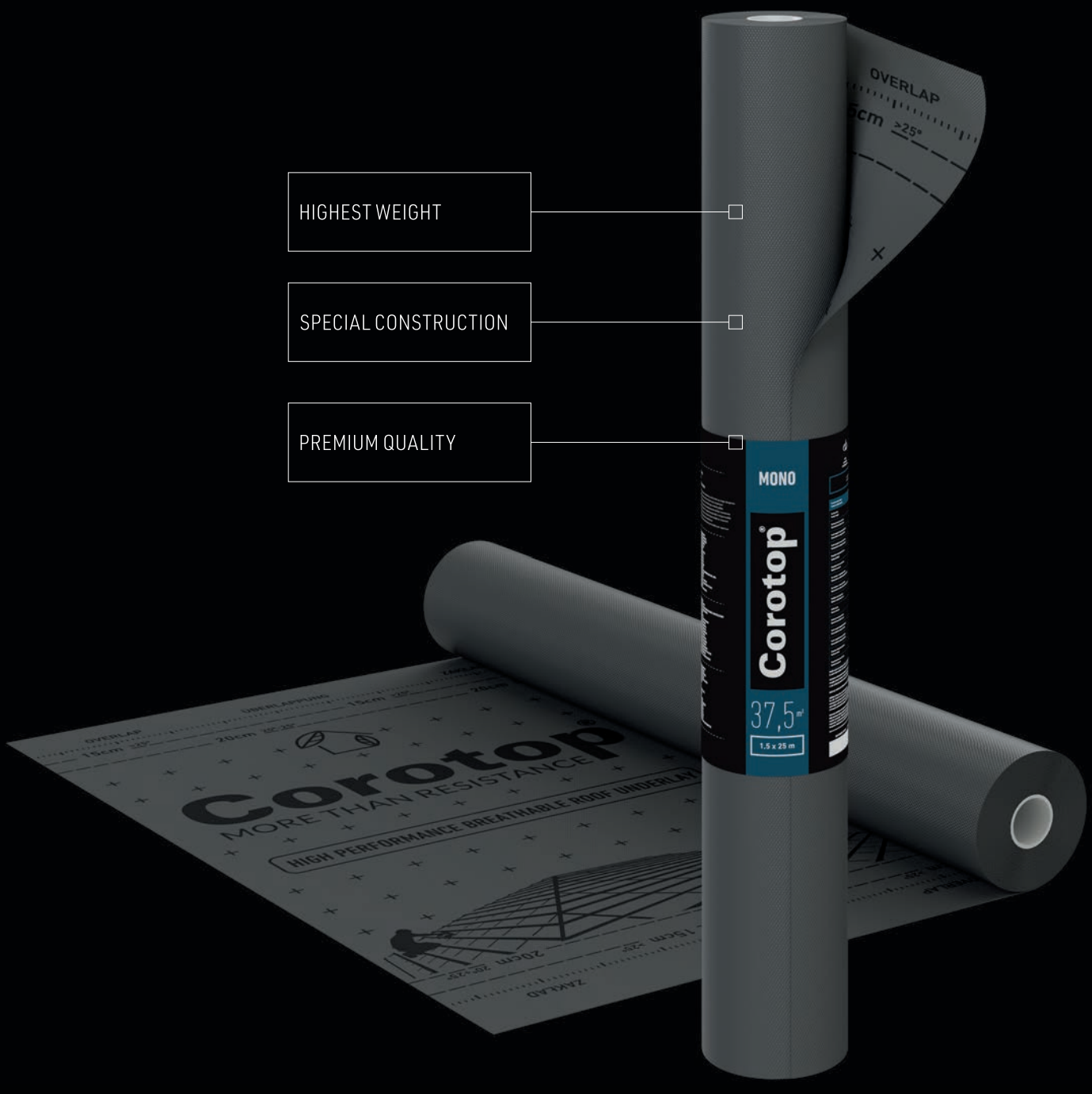
POWER

Extremely durable, high-permeable, three-layer premium roofing membrane. Exceptionally high grammage combined with the highest quality functional film guarantees water-tightness and extraordinary resistance to mechanical damage. Due to an anti-condensation layer, the membrane has the property to absorb excess moisture. This prevents condensation of water vapour, thus protecting the roof more strongly against dangerous dampening of the thermal insulation and the timber roof framework.

0,07 m | 250 g/m² | 250 N / 275 N | 15/15+ rolls | 75 m² 1,50 m x 50 m | Available with an adhesive strip

MONO

Extremely durable, three-layer roof membrane. Composed of two layers of high-grammature nonwoven polyester with polyurethane film layer. Membrane is extremely resistant to mechanical damage and UV radiation. It is particularly recommended for full boarding roofs with low pitch.



0,15 m

330 g/m²

250 N
250 N

24/24+
rolls

37,5 m²
1,50 m x 25 m

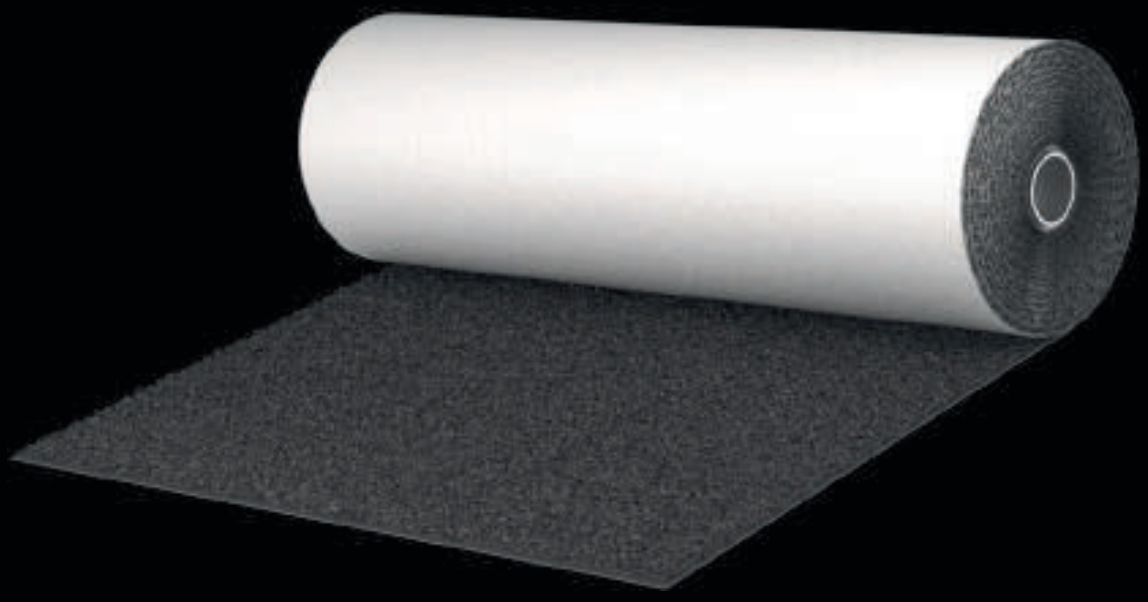
Available with an adhesive strip

Technical advisor's opinion

The distinctive feature of this membrane is its grammage – 330g – which gives unusual resistance to mechanical damage. It can handle tough conditions and high loads.

METAL

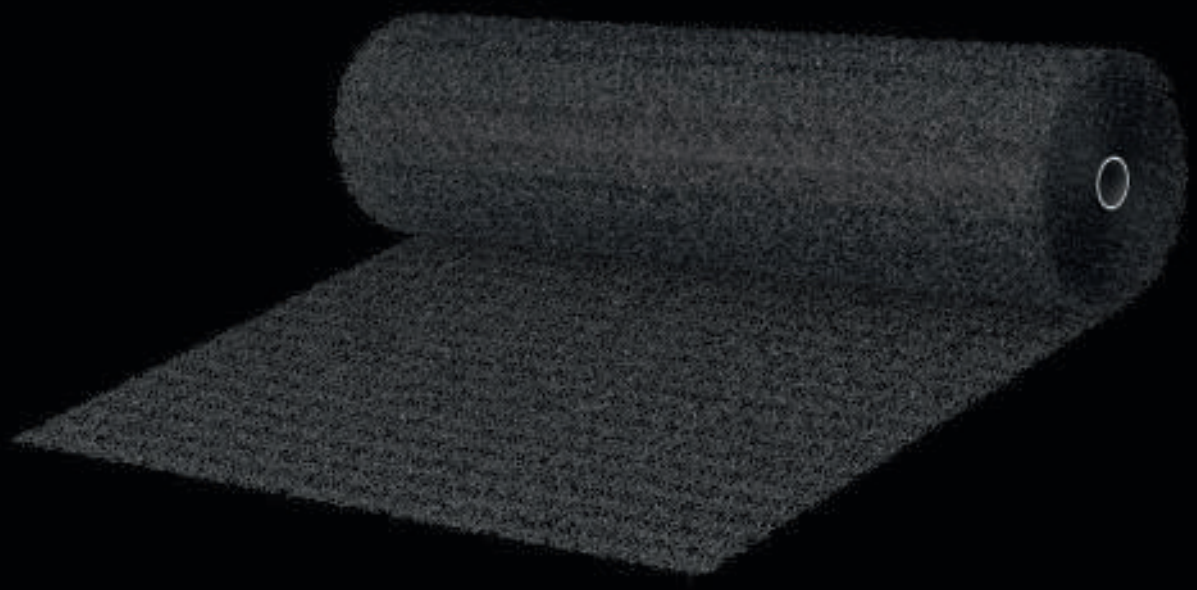
Highly vapour-permeable, waterproof, three-layer roofing membrane with a separation layer. For application on slope roofs covered with seam metal sheets or on walls of houses with flat sheet facades.



0,02 m | 440 g/m² | 150 N / 200 N | 10/10+ rolls | 37,5 m² 1,50 m x 25 m | Available with an adhesive strip

OPLOT

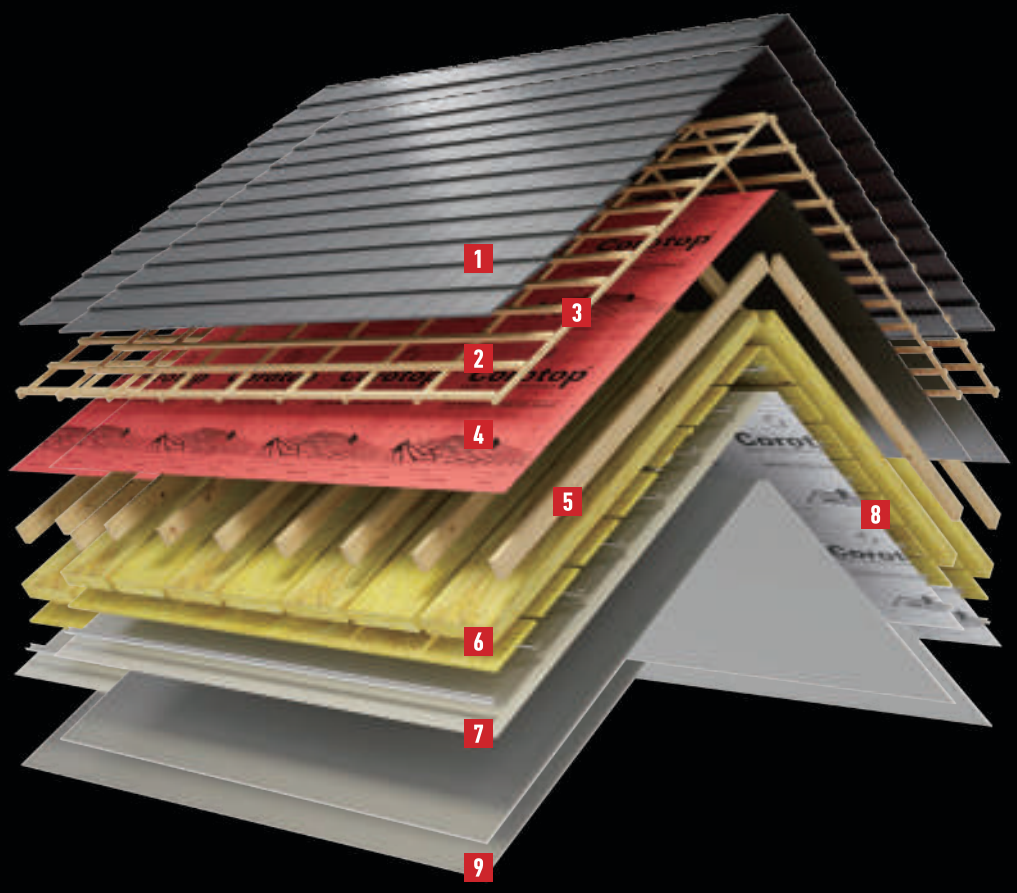
A three-dimensional polypropylene mat used as a separation layer on slope roofs with flat sheet covering on metal facades.



250 g/m² | 50/25 N/50mm | 9 rolls | 42 m² 1,40 m x 30 m

MEMBRANES FOR NOT FULLY BOARDED

Roof membranes that are economical but, at the same time, equipped with very high quality functional film. Corotop Blue, Corotop Classic or Corotop Smart are perfect because, thanks to their high vapour-permeability (Sd=0.02 m) and W1 class water permeability resistance, they effectively protect the roof against dampness from the inside and against water and snow penetration from the outside.



COMPONENTS

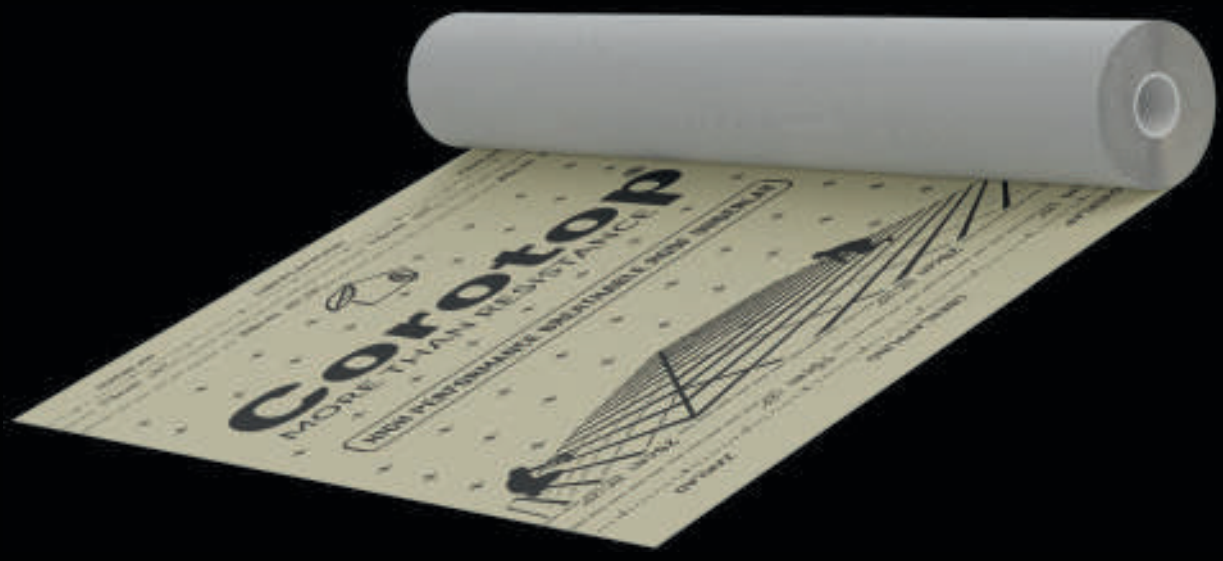
1 Roof covering
2 Batten
3 Counter batten
4 Roof membrane
5 Rafter
6 Thermal insulation
7 Drywall section
8 Vapour barrier
9 Drywall

TECHNICAL ADVISOR'S OPINION:

Membranes with lower grammage not only serve the function of the roof membrane but can also be used as thermal insulation protection for the facade.

SMART

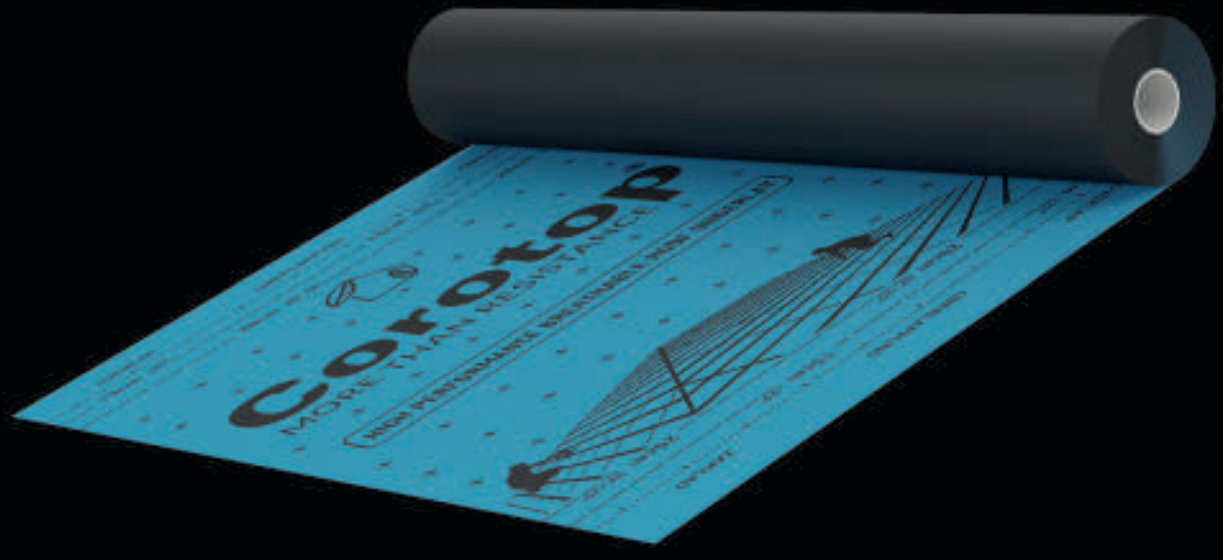
Highly vapour-permeable, lightweight, three-layer roof membrane. High quality functional film protected by two layers of non-woven polypropylene fabric ensures water-tightness and efficient vapour-permeability. Can be used as a wind-barrier in framed house walls.



0,02 m | 120 g/m² | 130 N / 170 N | 33 rolls | 75 m² (1,50 m x 50 m)

BLUE

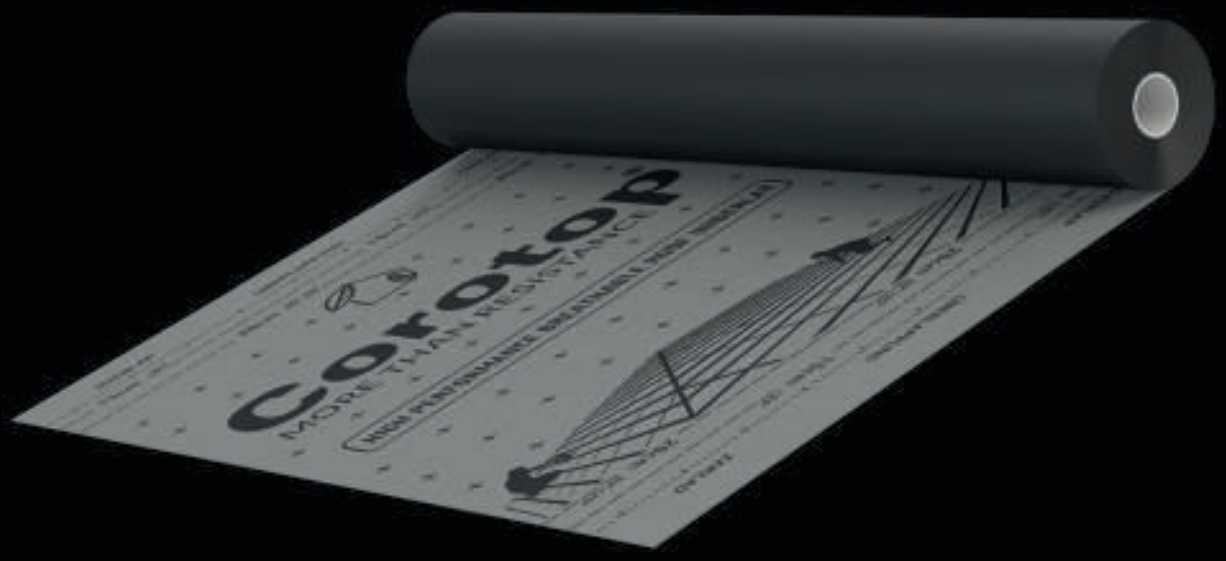
Highly vapour-permeable, three-layer roof membrane. High quality functional film protected by two layers of non-woven polypropylene fabric ensures water-tightness and highly efficient drainage of water vapour to the ventilation space of the roof. Increased grammage improves the strength parameters of the membrane, making it more resistant to damage.



0,02 m | 140 g/m² | 180 N / 250 N | 24/24+ rolls | 75 m² (1,50 m x 50 m) | Available with an adhesive strip

CLASSIC

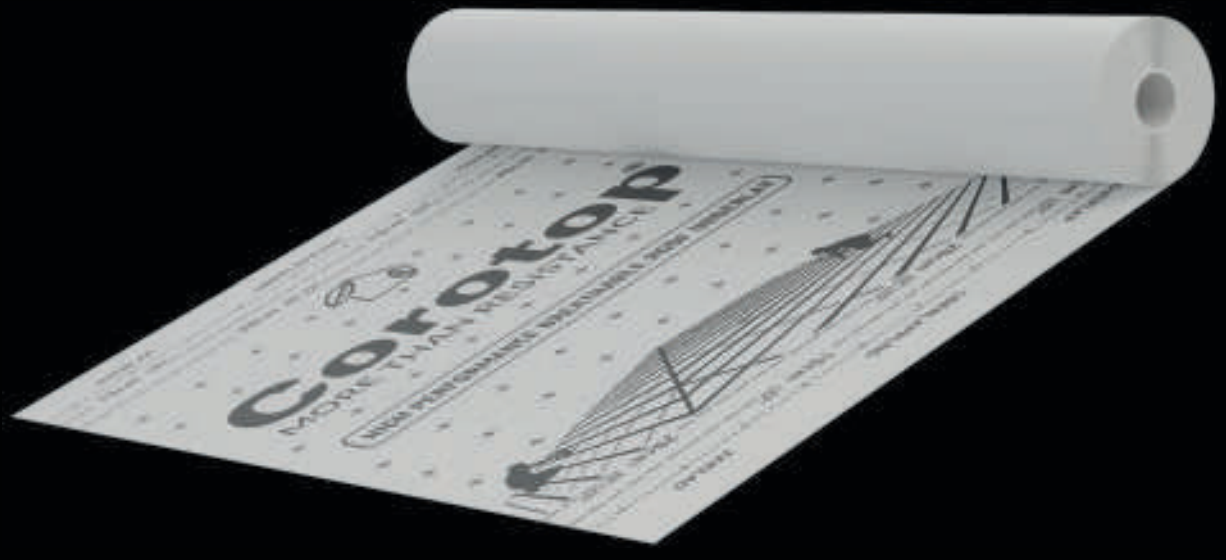
Highly vapour-permeable, three-layer roof membrane with increased resistance parameters. Thanks to a quality functional film protected by two layers of non-woven polypropylene fabric it ensures efficient vapour permeability and efficient water-tightness.



0,02 m | 130 g/m² | 170 N / 240 N | 24/24+ rolls | 75 m² 1,50 m x 50 m | Available with an adhesive strip

LIGHT

Highly vapour-permeable, waterproof, lightweight, three-layer roof membrane. Can be used as a wind-barrier in framed house walls.



0,02 m | 100 g/m² | 120 N / 160 N | 35 rolls | 75 m² 1,50 m x 50 m

ASSEMBLY INSTRUCTIONS FOR ROOFING MEMBRANES

Unfold the membrane parallel to the eaves with the inscriptions upwards.

Tension the membrane lightly and fix to the rafter with staples or wide head nails (roofing nails).

Nail the counter-battens in such a way as to cover the points of the membrane punctured with staples or roofing nails. In order to seal the membrane, it is recommended (in case of roofs with pitches below 20° it is required) to apply sealing tape (e.g. Corotop Pur) on the pressure side of the membrane before installing a counter-batten.

The height of counter-battens must be selected according to DIN 4108-3:1996.

Further membrane strips should be installed with a suitable overlap, according to the imprint on the membrane.

In order to eliminate draughts in the roof baffle, it is recommended (in case of roofs with pitches below 20° it is required) to bond the membrane overlaps with with the double-sided tape (e.g. Corotop Mix) or the adhesive strips integrated in the membrane and glued one to another (PLUS version).

CERTIFICATIONS

Apart from undergoing standard tests conducted in accordance with the EN 13859-1 harmonised standard, our membranes are also subjected to additional tests. The high requirements imposed by individual certification bodies are something we handle with ease. To maintain the highest standards of the certified product, we take care to ensure consistent quality of production technology. To help achieve this goal, audits verifying the consistency of the quality of the certified product are conducted.

BBA CERTIFICATION

British Board of Agrément conducts wind resistance tests in which wind force is measured in 5 areas. Our membranes with grammages from 100 to 160 g/m2, dedicated to the British market, comply with the BBA requirements.

NSAI CERTIFICATION

Like BBA, the National Standards Authority of Ireland conducts wind resistance tests in which wind force is measured in 5 areas. Our membranes with grammages from 100 to 160 g/m2, dedicated to the Irish market, comply with the NSAI requirements.

ZVDH CERTIFICATION

Before the Central Association of the German Roofing Trade (ZVDH) issues material guarantee for underlay materials for slope roofs, it requires the membranes to pass a test simulating extreme weather conditions, consisting in subjecting the membranes to simultaneous intense rainfall and strong gusts of wind of up to 8 on the Beaufort scale. Additionally, ZVDH requires the membrane to retain at least 65% of the initial parameters of maximum breaking strength and tensile strength at this force after subjecting the membrane to increased temperature of 80° C for 90 days and, subsequently, subjecting it to artificial ageing by exposing it to UV-A radiation for 14 days. The Corotop membranes with grammages of 130 to 180 g/m2 have passed both tests.

SINTEF CERTIFICATION

SINTEF, the Norwegian research institute, uses a test method similar to that of ZVHD. It subjects the membrane not only to rainfall but also to pressure difference, which generates gusts of wind. Our membranes in grammages of 130 do 180 g/m2 have been subjected to such tests and successfully passed them.

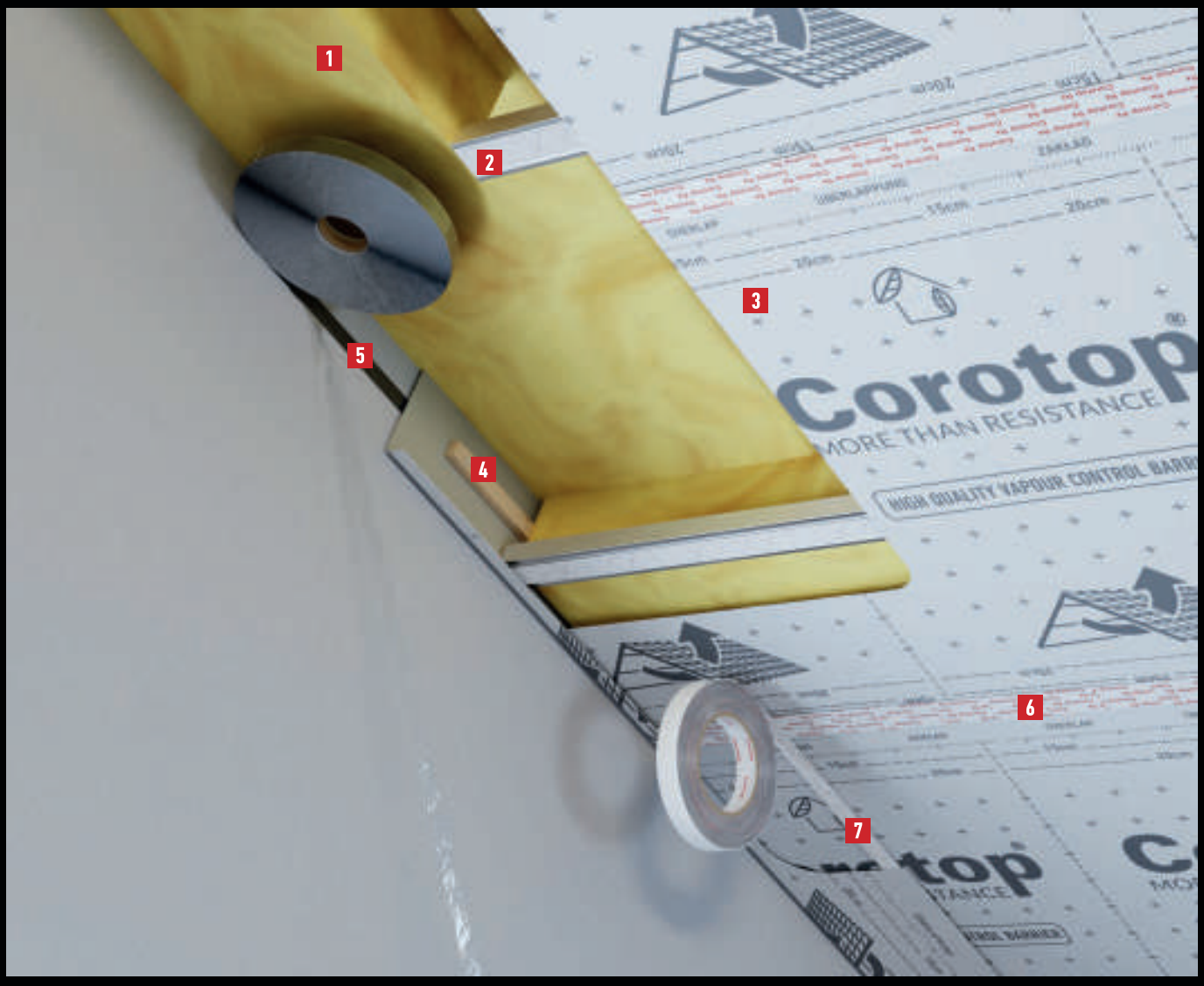
Driving rain test

The Technical University of Berlin performs tests simulating extreme weather conditions which consist in simultaneous exposure to intense rainfall and strong gusts of wind up to 8 on the Beaufort scale. Five of our Corotop membranes meet these requirements. Thus, they can be classified as UDB-A and USB-A.

Corotop Red Strong is the most accomplished product which holds the Norwegian **SINTEF** certification for use as an underlay material on slope roofs and on walls as a wind barrier as well as holding the **ZVDH** material guarantee as a pre-cover layer on slope roofs. The product also meets the requirements of the wind resistance test in accordance with the **NSAI** guidelines. Corotop Red Strong is also authorised for sale on Russian and Belarusian markets.

ACTIVE VAPOUR BARRIER SYSTEMS

Corotop® vapour barriers protect the roof from excessive dampness and uncontrolled heat loss. Corotop® reflective and active vapour barrier films – called vapour barrier membranes – are lightweight and easy to install. The most commonly selected vapour barrier films by building professionals and investors are: Corotop® Variant, Corotop® Active Control, and Corotop® Reflex.



COMPONENTS

1 Thermal insulation
2 Drywall section
3 Vapour barrier
4 Termination bar
5 Butyl tape
6 One-sided tape
7 Double-sided tape

TECHNICAL ADVISOR'S OPINION:

When used with highly vapour-permeable Corotop® membranes, they ensure optimum regulation of the amount of water vapour in the roof section, which has a significant impact on the effectiveness of thermal insulation.

VARIANT

An intelligent vapour barrier that changes its operation depending on the dampness conditions in its surroundings. As a result, it actively participates in the regulation of indoor dampness. In the winter the vapour barrier protects the inside of the roof envelope against excessive dampness. In the summer it dries it. Thanks to the Corotop Variant vapour barrier the roof dries in two directions.

0,2-20 m | 90 g/m² | ≥20 N ≥20 N | 35 rolls | 75 m² 1,50 m x 50 m

Technical advisor's opinion

The uniqe feature of this vapour barrier is its variable SD - while the weather changes, it's removing moisture out of the house helping to maintain a healthy and fresh microclimate.

ACTIVE CONTROL

Two-layer, active vapour barrier - vapour regulator. Thanks to a special functional film, the vapour barrier regulates water vapour transmission, preventing the so-called plastic bag effect. It allows controlled migration of vapour both outside and inside the home. It minimises the phenomenon of water vapour condensation on the vapour barrier surface and penetration of the condensate into the drywall.

15 m | 100 g/m² | ≥110 N ≥150 N | 35 rolls | 75 m² 1,50 m x 50 m

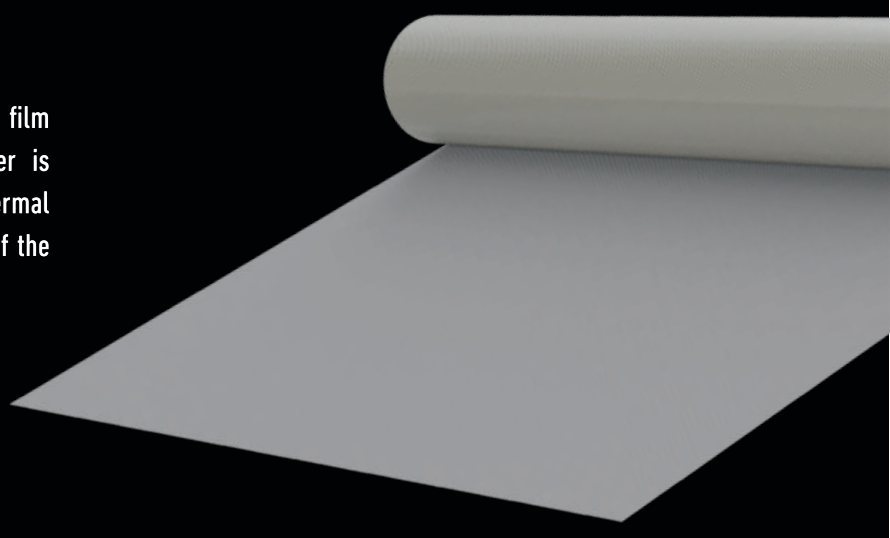
METALLIC

Reflective vapour barrier. Thanks to a special aluminium film on non-woven polypropylene fabric, the vapour barrier is not only resistant to water vapour but also reflects thermal radiation.

40 m | 80 g/m² | ≥40 N ≥60 N | 40 rolls | 75 m² 1,50 m x 50 m

REFLEX

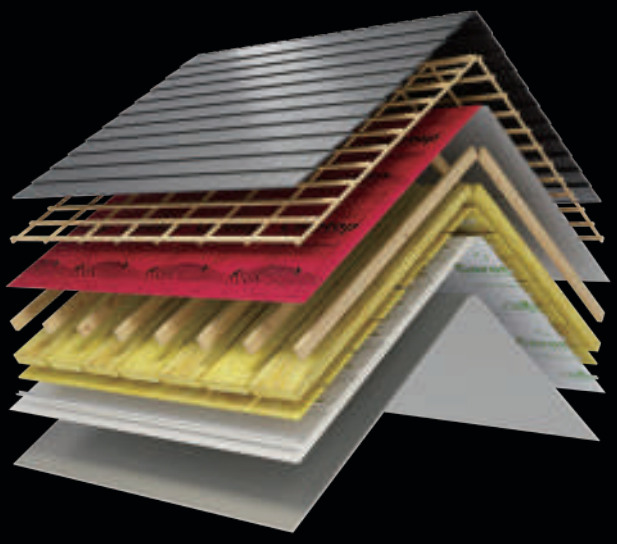
Reflective vapour barrier. Thanks to a special aluminium film on non-woven polypropylene fabric, the vapour barrier is not only resistant to water vapour but also reflects thermal radiation. Increased grammage increases the resistance of the vapour barrier to tearing.



300 m | 115 g/m² | ≥40 N ≥60 N | 30 rolls | 75 m² 1,50 m x 50 m

PERFECT COMBINATION

With the combination of Corotop Power roofing membrane and Corotop Variant vapour barrier, your roof dries in two directions, outwards and inwards, which is twice as good!



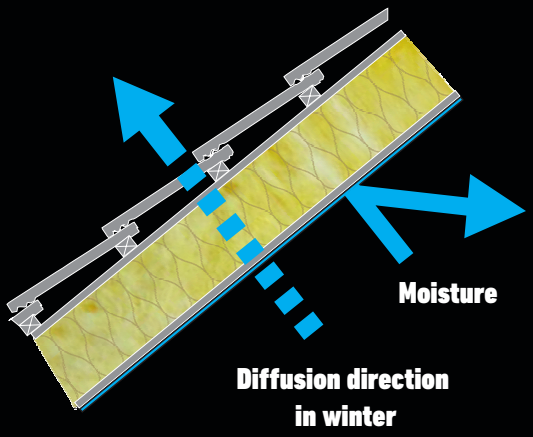
POWER

The waterproof and highly vapor-permeable Corotop Power roof membrane protects the roof against water and is vapor-permeable. At the same time, thanks to the anti-condensation layer, it prevents the condensation of water vapor on the inner side of the membrane, which may lead to dampening of the external thermal insulation layer.

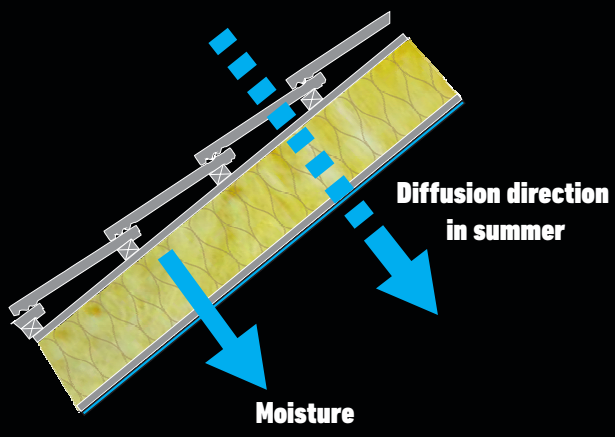
VARIANT

Corotop Variant's variable vapour-permeability vapour barrier resists water vapour trying to penetrate the thermal insulation in the roof, but during the summer months when vapour migration is in the opposite direction, Corotop Variant 'opens up' and allows moisture into the house, drying the thermal insulation and regulating the humidity in the building.

WINTER



SUMMER



ASSEMBLY INSTRUCTIONS FOR VAPOUR BARRIER

Fix the vapour control layer strips horizontally (preferably from top to bottom) or vertically with inscriptions on the inside with pre-installed double-sided tape (e.g. Corotop MIX) or, if the situation requires it (e.g. timber frame), with a stapler. Cover the places where the vapour control layer is perforated by staples with adhesive tape (e.g. Corotop FIX).

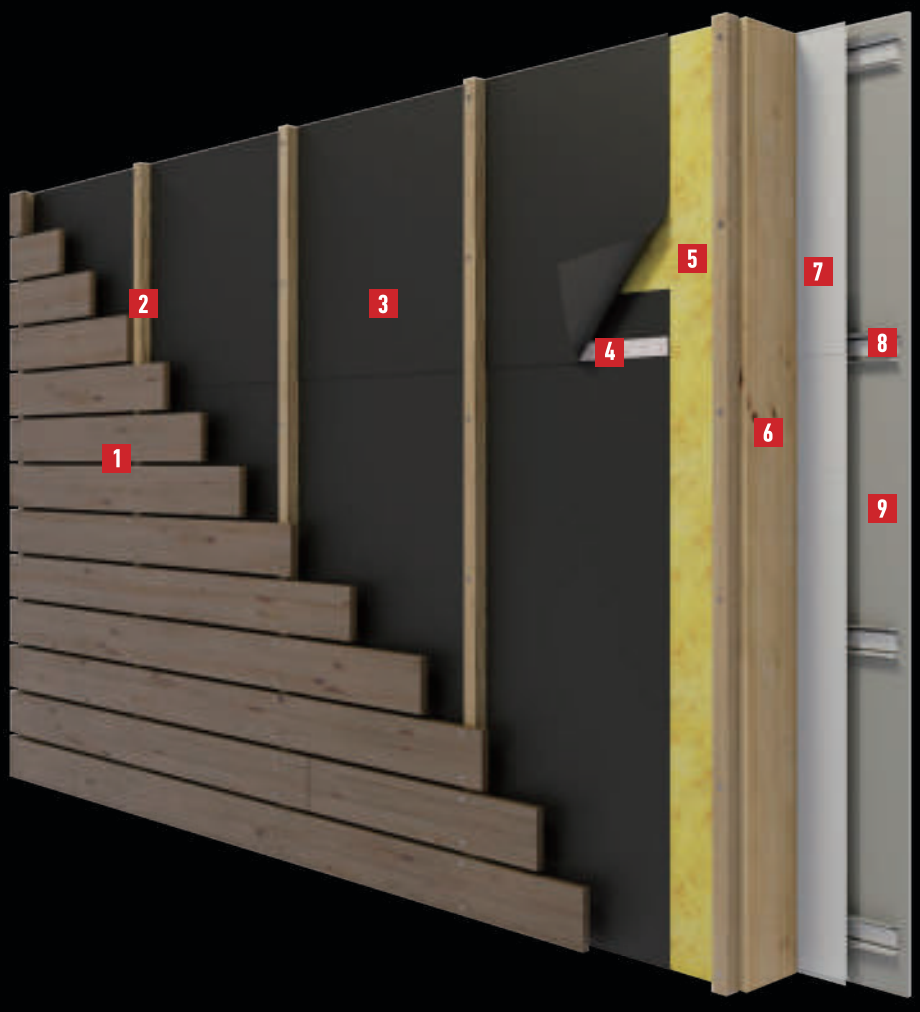
Further vapour control layer strips should be installed with a suitable overlap, which is printed on the membrane and bonded with single-sided (e.g. Corotop FIX) or double-sided tape (e.g. Corotop MIX).

The places where vapour control layer connects to the wall should be sealed with special adhesive or butyl tape (e.g. Corotop BUTYL). It is recommended to use an additional hold down strip and to leave about 2 cm of excess foil (folds).

Seal all places where service lines pass through the vapour control layer (e.g. electrical cables, pipes, etc.) thoroughly with special adhesive or adhesive tape (e.g. Corotop FIX, Corotop BUTYL).

FACADE MEMBRANES

Facade membranes protect the walls of buildings from uncontrolled ventilation and dampness, while venting water vapour. The combination of these properties means that thermal insulation does not become excessively damp and thus does not lose its insulation capability, and the wooden wall structure is not exposed to fungal or mould growth.



COMPONENTS

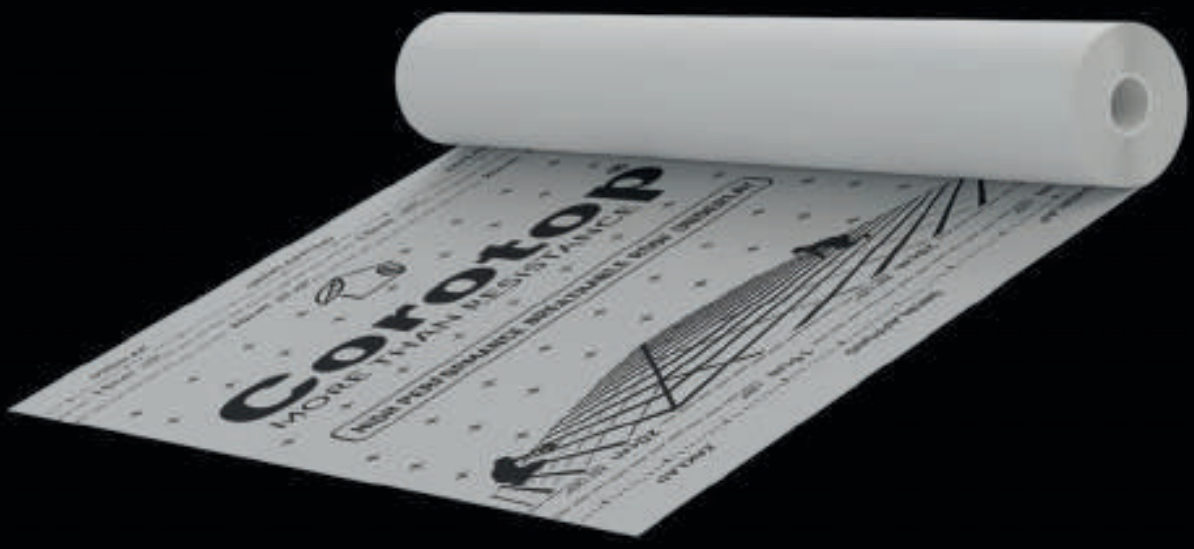
1 Facade
2 Mounting strip
3 Facade membrane
4 Double-sided tape
5 Thermal insulation
6 Construction
7 Vapour barrier
8 Drywall section
9 Drywall

TECHNICAL ADVISOR'S OPINION:

Corotop wind barriers protect the building against loss of heat and dampness leakage into the roof envelope. They also protect thermal insulation. Additionally, they are easy to install.

COROVIN

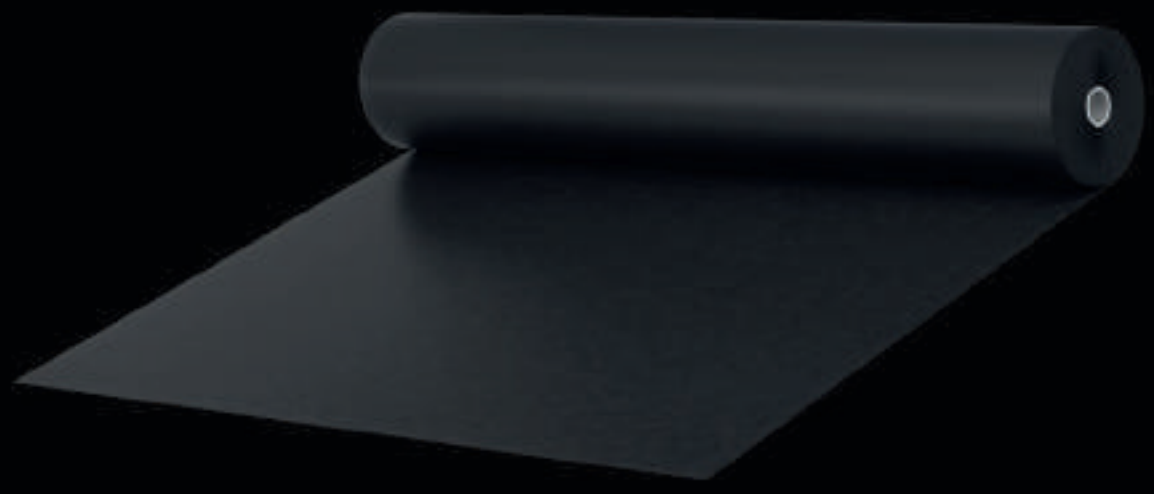
A single-layer, highly vapour-permeable wind barrier of non-woven polypropylene fabric. Protects building walls from dampness on the inside, allowing water vapour to escape to the outside. At the same time it protects walls against heat shortages caused by draughts, which improves the building's energy efficiency.



0,01 m | 100 g/m² | 145 N / 180 N | 30 rolls | 75 m² (1,50 m x 50 m)

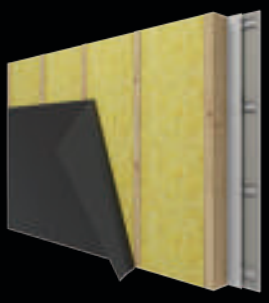
OPEN

Waterproof, vapour-permeable, two-layer facade membrane. Thanks to the polyester non-woven fabric covered with polyurethane functional film, the material is highly resistant to mechanical damage. It also has increased UV resistance while maintaining high vapour permeability. It effectively regulates water vapour flow through walls and provides an effective water barrier, thus preventing dampness in the structure. Additionally, it prevents uncontrolled ventilation of the building wall.



0,08 m | 200 g/m² | 100 N / 120 N | 30 rolls | 75 m² (1,50 m x 50 m)

ASSEMBLY INSTRUCTIONS FOR FACADE MEMBRANE

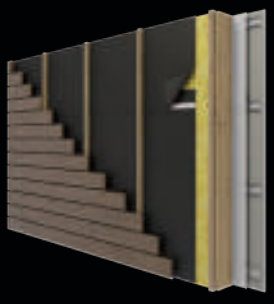


The facade membrane (air barrier) is fixed horizontally (from bottom to top) or vertically with TPU faced on the outside.

Tension the membrane lightly and fix to the structure with staples or wide head nails (roofing nails).

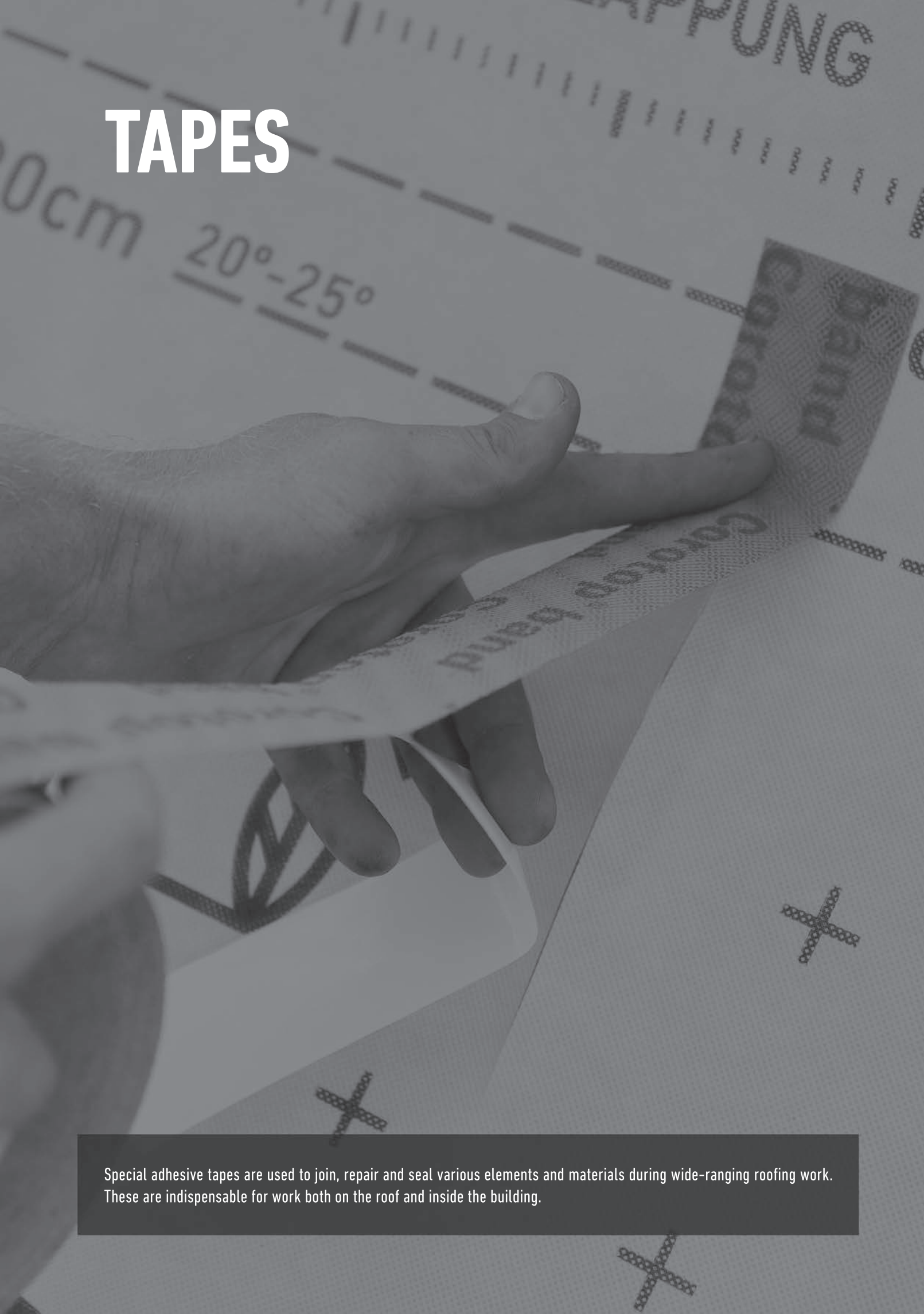
Fix the next air barrier strips with a suitable overlap, which is printed on the membrane. The vertical overlap must be at least 30 cm.

In order to eliminate air flow in the wall, it is required to bond the air barrier overlaps with double-sided tape (e.g. Corotop MIX) or single-sided tape (e.g. Corotop FIX) or adhesive strips integrated into the membrane (PLUS version).

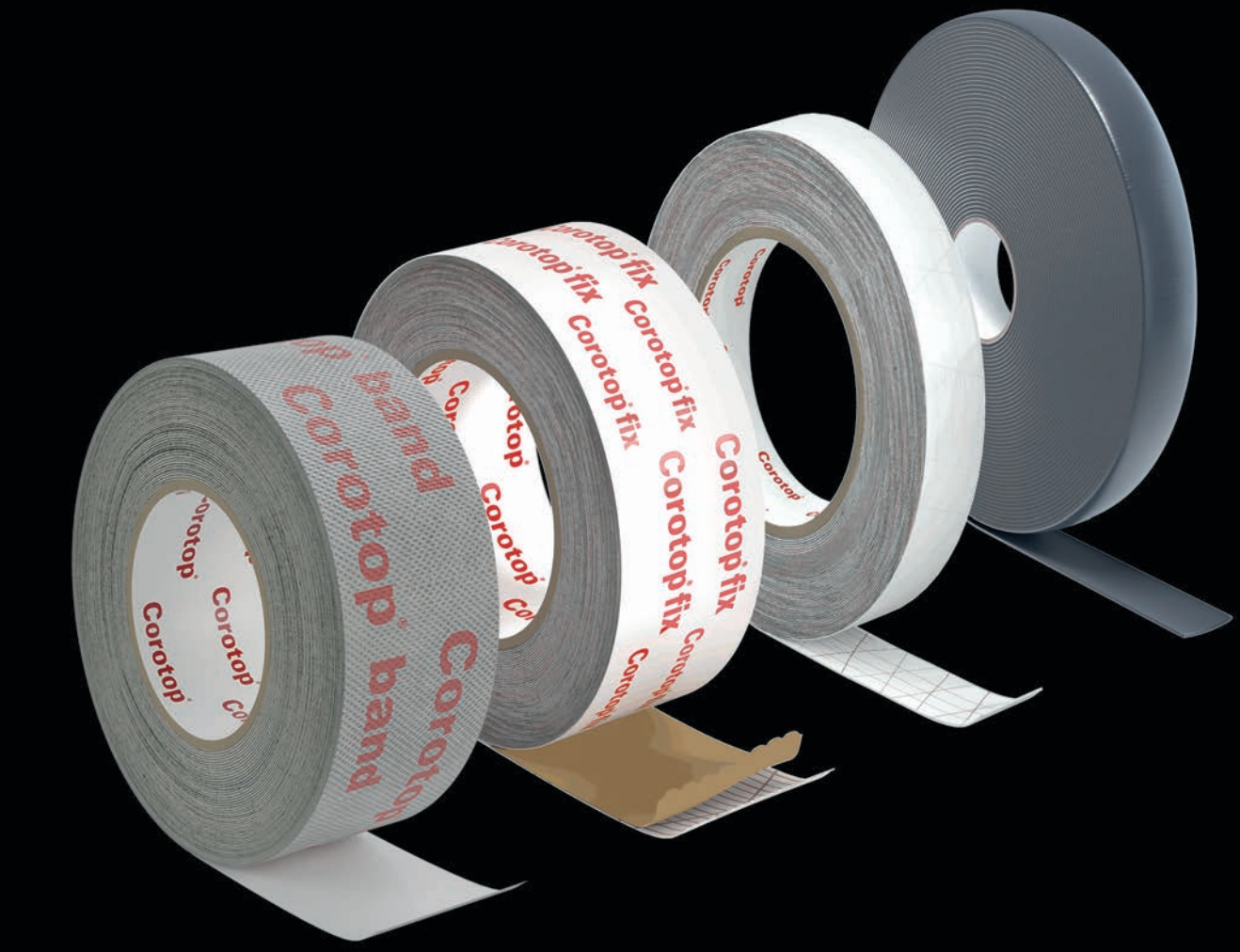


Provide a minimum ventilation space of 2 cm between the air barrier and the facade.

TAPES



Special adhesive tapes are used to join, repair and seal various elements and materials during wide-ranging roofing work. These are indispensable for work both on the roof and inside the building.



TECHNICAL ADVISOR'S OPINION:

We recommend our Corotop adhesive tapes primarily for joining membrane layers or films with overlaps by the edges. Due to their structure, you can also use some tapes for outdoor work. They are outstanding not only because of their adhesive strength but also for repair or sealing functions.

COROTOP® FIX

Single-sided, universal adhesive tape. Reinforced with polyester fibre, the polyethylene tape is highly resistant to mechanical damage and ageing processes.

from -30°C to 100°C | ≥25 N/25 mm | 50mm x 25mb (12 roles)

COROTOP® BAND

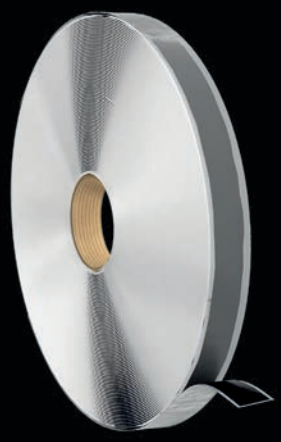
Single-sided, repairing adhesive tape. Thanks to the adhesive applied to the non-woven polypropylene fabric, it is ideal for repairing minor damage to the roof membrane.

from -30°C to 100°C | ≥10 N/25 mm | 50mm x 25mb (12 rolls)

COROTOP® BUTYL

Double-sided butyl adhesive tape. Permanently flexible, highly adhesive and waterproof butyl effectively bonds smooth and porous surfaces. Particularly suitable for various types of sealing and bonding of films with materials of weaker adhesion (e.g. wall).

from -30°C to 70°C | ≥25 N/25 mm | 15mm x 25mb (1 roll)



COROTOP® PUR

Sealing tape under counter battens. Thanks to its special structure, it effectively seals the contact place of counter battens with the membrane surface, securing places where nails and staples pierce the membrane. Prevents water leakage into the roof envelope.

from -30°C to 100°C | ≥740 kPa | 40mm x 30mb (12 rolls)
50mm x 30mb (18 rolls)
60mm x 30mb (16 rolls)

COROTOP® FIX PRO

Single-sided, universal adhesive tape. Reinforced with polyester fibre, the polyethylene tape is highly resistant to mechanical damage and ageing processes, and the special high-grade acrylic adhesive provides exceptional adhesive strength, which means the tape can be widely used indoors and outdoors.

HIGH ADHESIVE STRENGTH

from -30°C to 100°C

≥30 N/25 mm

60mm x 25mb (10 rolls)

COROTOP® MIX

Double-sided, reinforced adhesive tape. Thanks to a thick layer of high-quality acrylic adhesive embedded in polyester fibres, it firmly bonds the surfaces of membranes, vapour barriers and wind barriers and joins together various types of films with plastics, wood, concrete and metal.

DOUBLE-SIDED

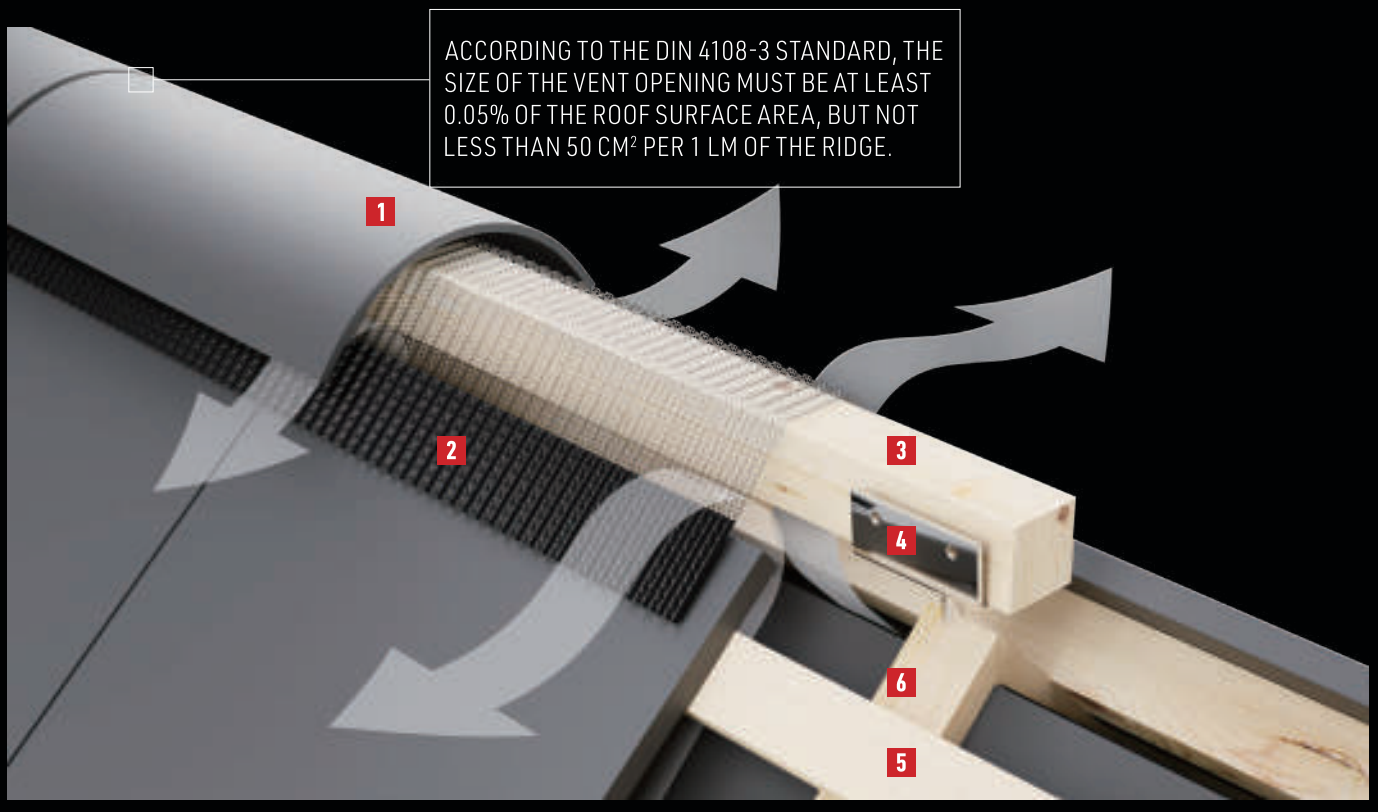
from -30°C to 100°C

≥25 N/25 mm

20 mm x 25 mb (12 rolls)
20 mm x 50 mb (12 rolls)
40 mm x 25 mb (7 rolls)

RIDGE

The ridge is the highest point on the roof where two opposing slopes meet. Protection from driving rain and snow must be provided in the ridge, while providing ventilation in the roof slope. Thanks to their special design, Corotop ridge tapes protect the roof against water from outside and allow water vapour to escape from the roof ventilation space.



COMPONENTS

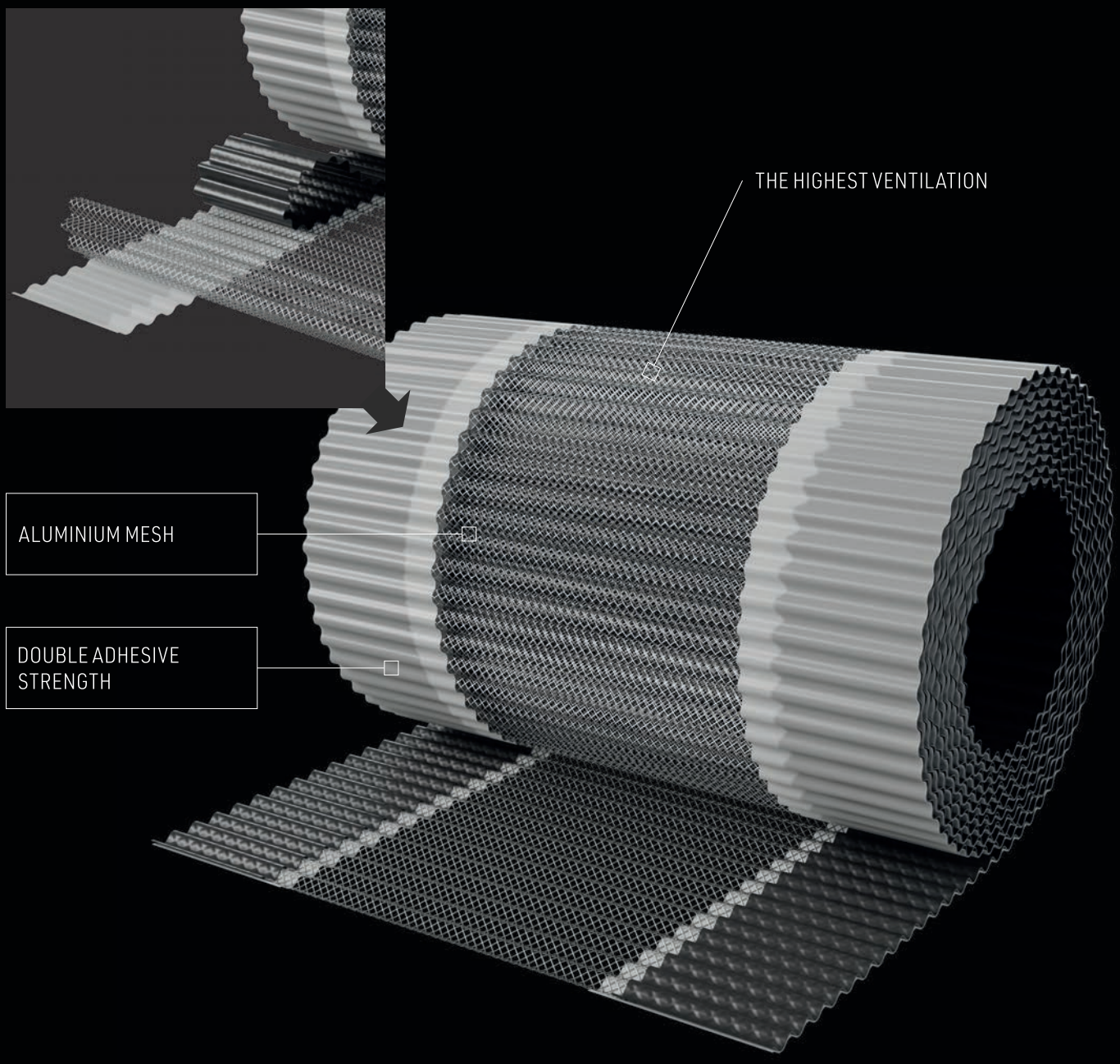
1 Ridge tile
2 Ridge tape
3 Ridge batten
4 Ridge batten support
5 Batten
6 Counter batten

TECHNICAL ADVISOR'S OPINION:

The structure of the ridge should allow free drainage of moisture from the roof ventilation space while not allowing the penetration of water and snow. Our ridge tapes prevent dampening of thermal insulation.

COROVENT MAX

PREMIUM ventilation ridge tape. Due to its construction with a special aluminium structure, it has exceptional ventilation capabilities. The tape has adhesive isobutylene on one side and an additional butyl adhesive strip to ensure easy bonding to the surface of the tile.



310 mm

total thickness **2** mm

from **5°C** to **40°C**

4,7 x 8 mm

310 mm x 5 m (1 roll)

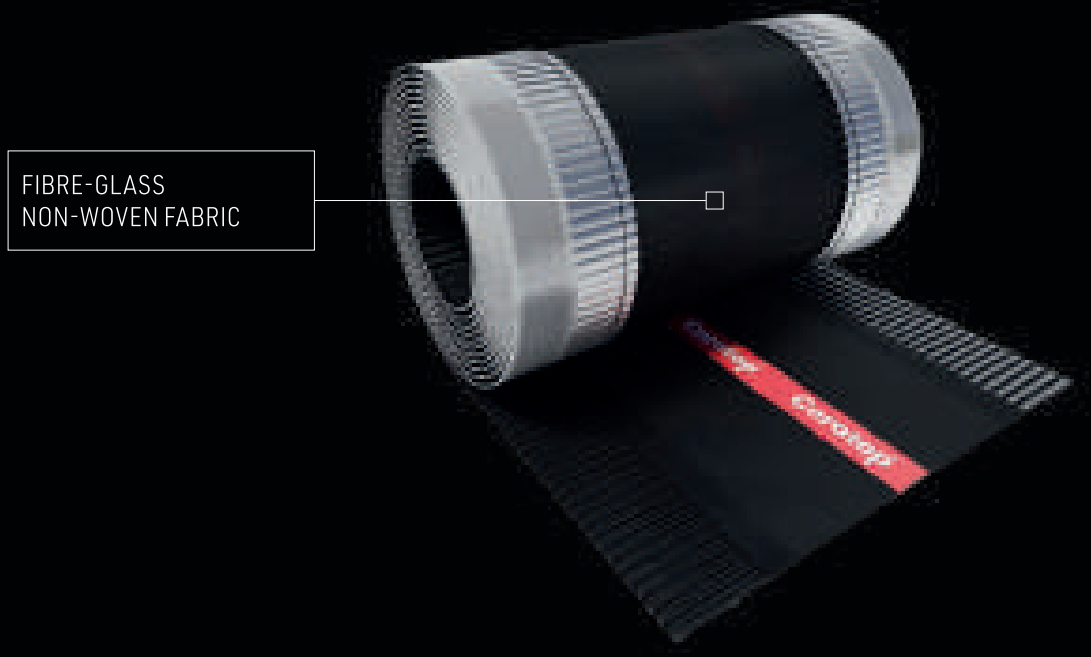
820cm²/m

TECHNICAL ADVISOR'S OPINION

COROVENT MAX is an innovative product in the ridge tape category. It ensures very efficient ventilation while providing protection against insects.

COROVENT PRO

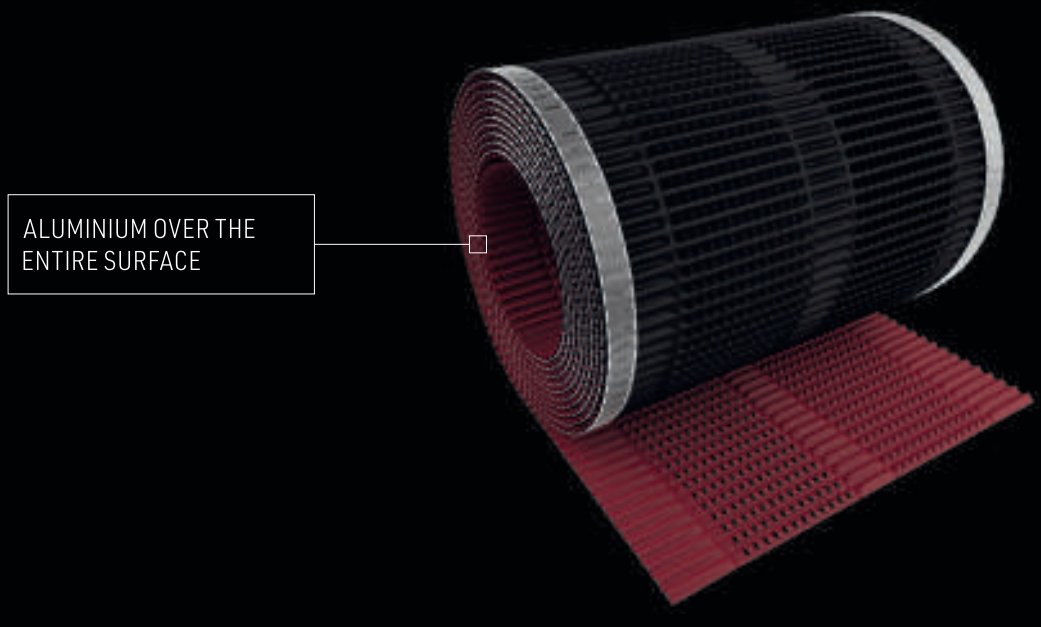
Ventilation and sealing ridge tape. It protects the ridge against water and snow thanks to a special mesh fibreglass non-woven fabric. At the same time, it ensures effective ventilation. Butyl adhesive strips on the aluminium sides of the tape ensure easy and permanent bonding to the tile.



310 mm | 20 mm | from -40°C to 80°C | 205 g/m² | 310mm x 5m (8 rolls)

COROVENT M

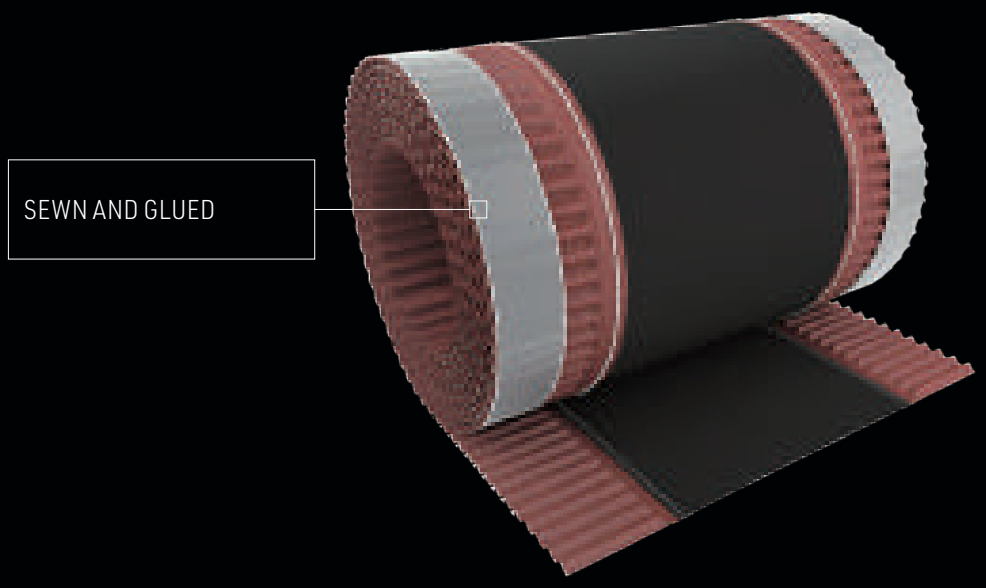
Ventilation and sealing aluminium ridge tape with increased resistance to ageing processes and weather conditions. Due to appropriately perforated holes of special shape, the tape has very good ventilation properties. Butyl adhesive strips ensure easy and permanent bonding to the tile.



300/400 mm | 15 mm | from 5°C to 40°C | 65 cm²/m | 300/400 mm x 5m (4 rolls)

COROVENT

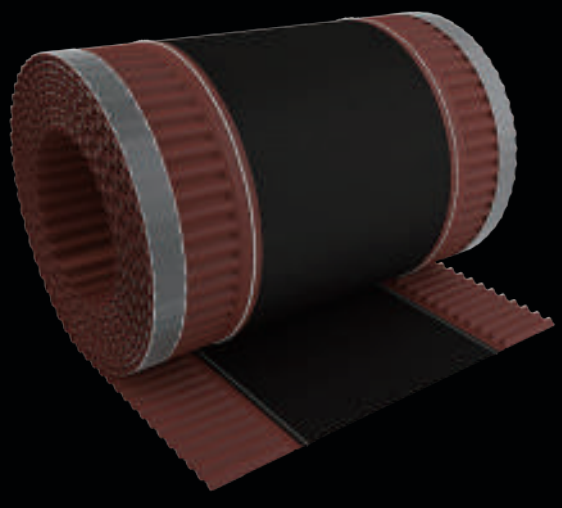
Ventilation and sealing ridge tape constructed of non-woven polypropylene fabric and two strips of pleated aluminium. It protects the ridge from water, snow and dust while providing ventilation in the roof slope. Thanks to the double connection of the non-woven fabric to the aluminium strips by sewing and gluing, the ridge tape is extremely durable. Butyl adhesive strips ensure easy and permanent bonding to the tile.



180/240/310/390 mm | 15/30 mm | from 5°C to 40°C | 180/240/310/390 mm x 5 m (4 rolls)

COROVENT ECO

Ventilation and sealing ridge tape constructed of non-woven polypropylene fabric and two strips of pleated aluminium. It protects the ridge from water, snow and dust while providing ventilation in the roof slope. Thanks to the connection of the non-woven fabric to the aluminium strips by sewing, the ridge tape is durable. Butyl adhesive strips on the aluminium sides of the tape ensure easy and permanent bonding to the tile.



240/310/390 mm | 15 mm | from 5°C to 40°C | 240/310/390mm x 5m (4 rolls)

COROVENT S

Ventilating and sealing ridge vent (ridge brush). Large, specially shaped holes ensure effective ventilation, and the dense bristles that follow the curve of the tile protect against water and snow.

190 mm | from 5°C to 40°C | 75 mm | 190 mm x 1 ml (30 pcs)

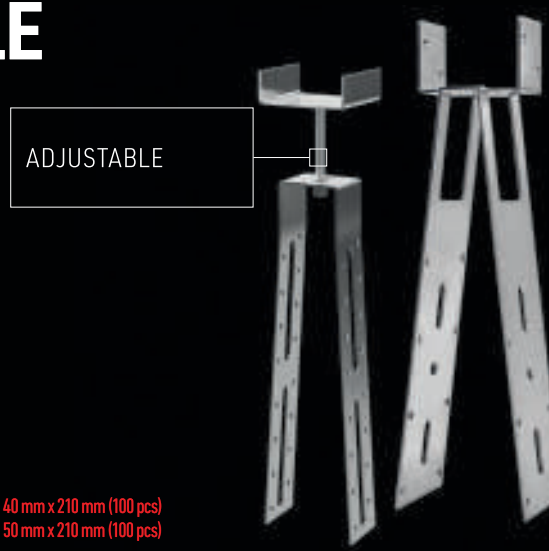
CORONIT

Ridge batten support (nail type). Thanks to high grade galvanized steel, it is highly resistant to ageing processes and corrosion.

210/260 mm | sheet metal thickness ≥1,5 mm | 40/50 mm | 40 mm x 210 mm (100 pcs) 40 mm x 260 mm (100 pcs) 50 mm x 210 mm (100 pcs)

COROBLACH
COROBLACH ADJUSTABLE

Ridge batten support (plate type). Thanks to properly made holes in the plate, the support allows for quick and easy levelling of the ridge batten. High-grade galvanized sheet metal provides resistance to ageing and corrosion.



210 mm | sheet metal thickness ≥1,5 mm | 40/50 mm | 40 mm x 210 mm (100 pcs) 50 mm x 210 mm (100 pcs)

CHIMNEY

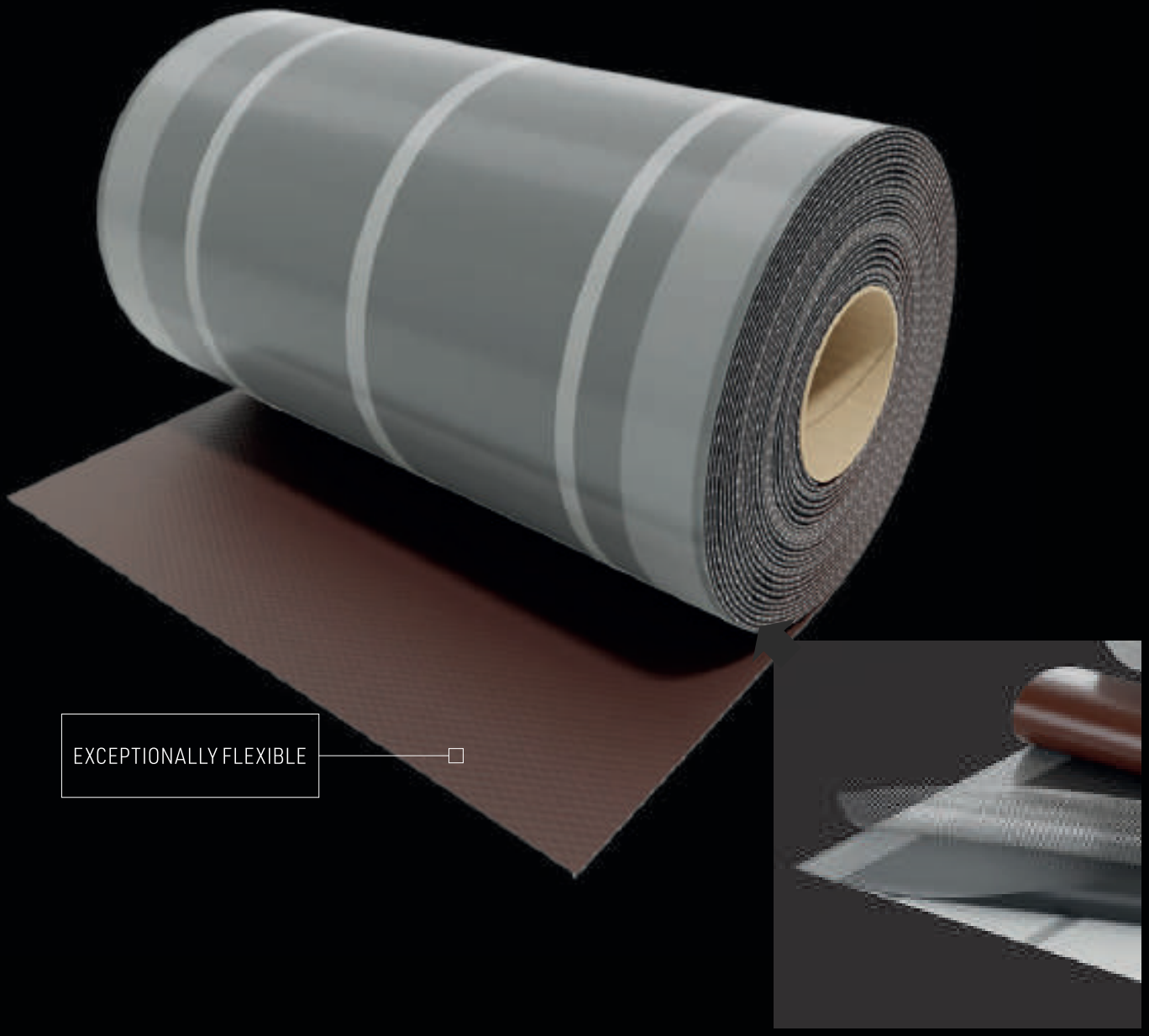
Main task of chimney tapes is connecting and sealing various flashings on the roof. They are particularly useful for work around chimneys, and sealing of wall/roof junctions, roof windows or bays.

TECHNICAL ADVISOR'S OPINION:

The important advantage of the chimney tapes is their great adhesive strength, which ensures fast and easy sealing in the installation place. And this is what matters most.

COROTOP K-FLEX

PREMIUM chimney tape. Thanks to its special construction (aluminium mesh embedded in a thick layer of isobutylene), the tape is very easy to process and, at the same time, extremely durable and resistant to weather conditions. A layer applied to the entire inner surface of the tape guarantees water-tightness. Additional butyl adhesive strips on the edges and a four-part silicone cover for the adhesive layer further simplify installation.



280 mm

from 5°C to 40°C

from -40°C to 80°C

total thickness 2 mm

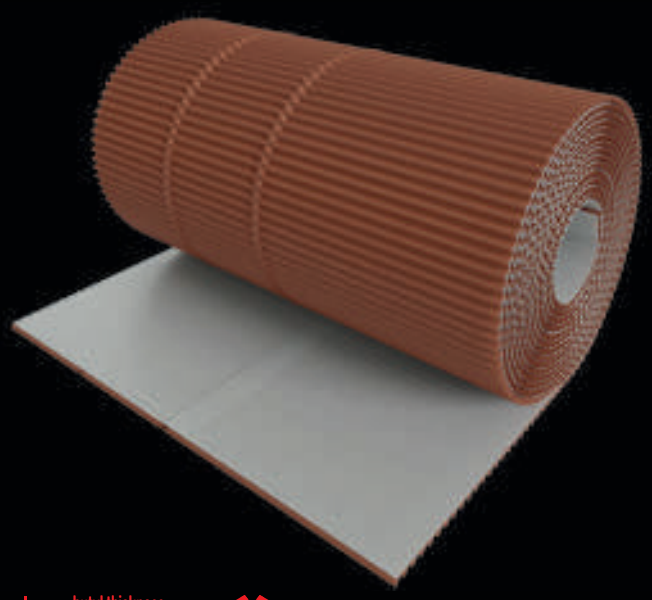
280 mm x 5 m (1 roll)

TECHNICAL ADVISOR'S OPINION

Exceptionally durable and flexible tape. It allows for the processing of elements with complex shapes, connecting consecutive strips and for making standing seam connections.

COROMIN ALU

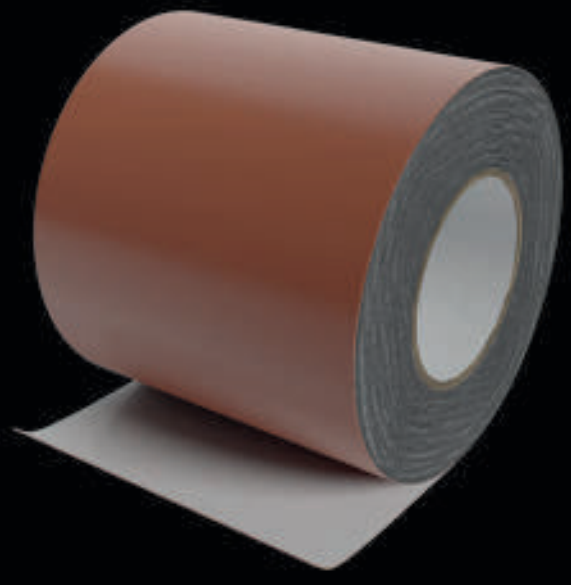
Aluminium chimney tape resistant to ageing processes. The inner part is coated with a layer of butyl adhesive over the entire surface, making the tape stick easily and permanently to the work surface. Available in two versions: pleated and pressed.



300 mm | from 5°C to 40°C | from -40°C to 90°C | butyl thickness 1 mm | 300 mm x 5 m (1 roll)

COROBIT

Repair roofing tape designed for quick and short-term repairs and sealing. With a thick layer of aluminium-polyester coated bitumen, it is very easy to process and install, and weather resistant.



150/300 mm | from 5°C to 40°C | from -20°C to 80°C | total thickness 1 mm | 150 mm x 10 m (2 rolls) 300 mm x 10 m (1 roll)

COROLINE

An aluminium chimney strip. Thanks to its special shape, it provides tight finishing of chimney flashings with chimney tapes while appropriate bending of the upper edge guarantees a stable base for the application of roofing sealant.

2 m length 80 mm wide | from 5°C to 40°C | from -20°C to 80°C | total thickness 0,58 mm | 80mm x 2m (20pcs)

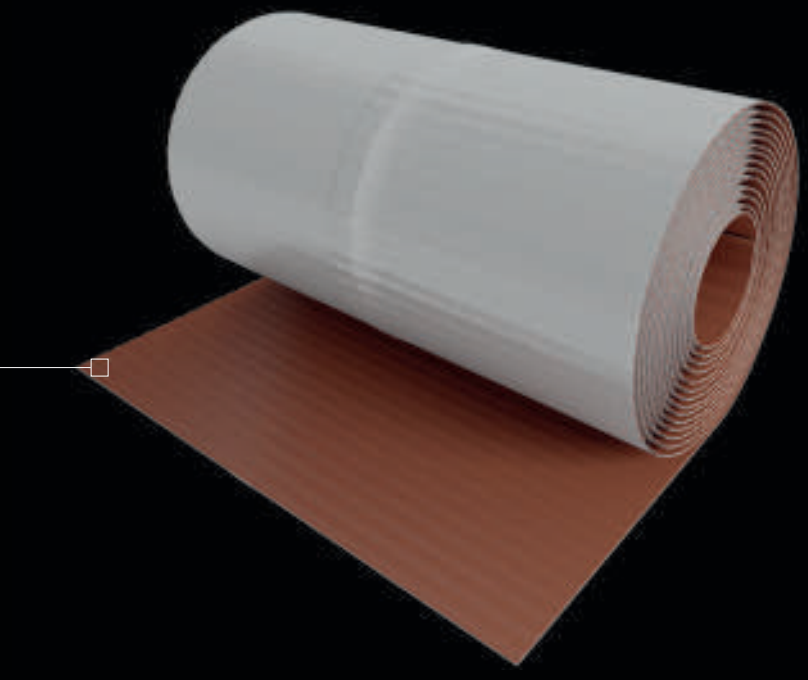
COROBLEI B

Lead flat chimney tape. Extremely durable and weather-resistant. Very easy to process. With a layer of butyl adhesive over the entire inner surface, it adheres very well to the work surfaces.

300 mm | from 5°C to 40°C | from -40°C to 90°C | butyl thickness 1 mm | 300mm x 5m (1 roll)

COROMIN PB

Lead pleated chimney tape. Extremely durable and weather-resistant. Very flexible, easy to process. With a layer of butyl adhesive over the entire inner surface, it adheres very well to the work surfaces.



300 mm | from 5°C to 40°C | from -40°C to 90°C | butyl thickness 1 mm | 300mm x 5m (1 roll)

ROOF VALLEY

Corotop® valley gutters efficiently channel water away from the roof valley surface. Their design provides durability and weather resistance with convenient installation on the roof. Corotop® roof valley systems also include gaskets and tapes, to keep water, snow and debris from blowing in.

TECHNICAL ADVISOR'S OPINION:

The valley gutter is one of the most critical components of the roof. Slopes must be joined with utmost care and using high quality materials. We recommend our mounting and sealing materials for this purpose.

COROKOSZ P
COROKOSZ W

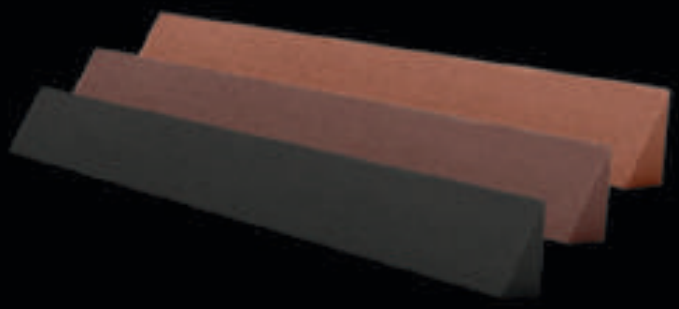
Valley gutter. Made of aluminium, it is very durable and weather--resistant. Longitudinal or transverse ribbing stiffens the material, and special profiles make it easy to bend. Corokosz K bracket for the valley gutter is an additional component which facilitates its installation on the roof.

COROKOSZ K

500 mm | 2000 mm | 0,5 mm | 10 pcs

COROCLIN

Self-adhesive polyurethane foam valley seal. It protects the space between the tiles and the valley gutter from water, snow and dirt being blown under the roof slope.



1000 mm | 55 mm x 25 mm | from 5°C to 40°C | 100 pcs

COROCLIN PLUS

Impregnated, self-adhesive polyurethane foam valley seal. It protects the space between the tiles and the valley gutter from water, snow and dirt being blown under the roof slope. Acrylic impregnation greatly improves weather resistance.

1000 mm | 60 mm x 30 mm | from 5°C to 40°C | 100 pcs

COROPRESS

Self-adhesive, sealing valley tape made of impregnated polyurethane foam. Thanks to its 4-fold expansion ability, it very precisely protects the gaps in roof flashings against water, snow and dirt. Acrylic impregnation guarantees weather resistance.

20 mm | thickness before expansion 8/10 mm | thickness after expansion >36/>45 mm | from 5°C to 40°C | 20mmx8mmx5m (24rolls); 20mmx10mmx5m (24rolls)

EAVES

The eaves is the lower part of the roof slope. It is especially important for draining rainwater and providing ventilation in the roof. Over gutter flashing and under gutter flashing are used for protecting the structure and safe drainage of water in the eaves. It should provide an efficient air intake, and at the same time be protected from birds, rodents or insects. For this purpose, combs and ventilation grilles are installed in the eaves structure.

THE SIZE OF THE INTAKE IS SPECIFIED IN THE DIN 4108-3 STANDARD AND, FOR SLOPE ROOFS, IT IS 0.2% OF THE ROOF SLOPE SURFACE AREA, BUT NOT LESS THAN 200 CM^2 PER 1 METRE OF THE EAVES LENGTH

COMPONENTS

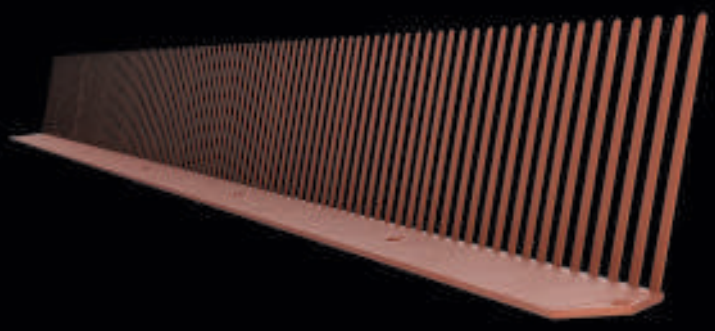
1 Roof Covering
2 Batten
3 Counter batten
4 Roof membrane
5 Eaves closing comb
6 Over gutten flashing
7 Eave board
8 Eaves mesh
9 Gutter

TECHNICAL ADVISOR'S OPINION:

Efficient ventilation in the roof is one of the most important issues, thanks to which the roof "functions" properly. Various accessories are available regardless of the size of the eaves and the type of covering selected.

COROKAP

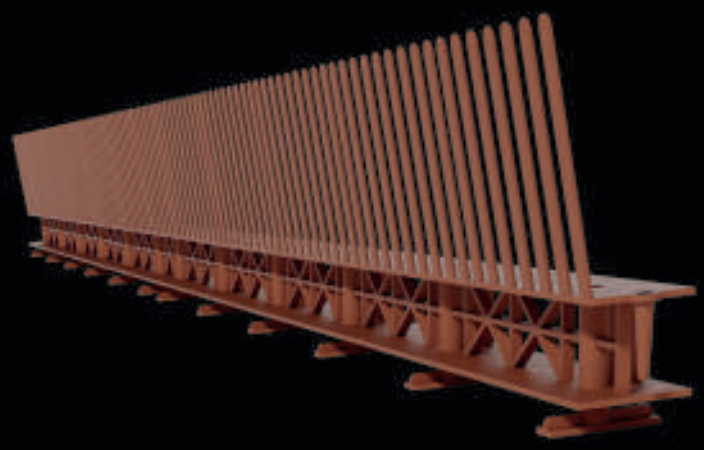
Eaves closing comb. It protects the roof from bird and rodent access while providing intake of air to the roof ventilation space. Thanks to its flexible PVC, it precisely follows the curve of the tiles, preventing the comb's elements from breaking off.



55 mm 1000 mm 300 pcs

COROKAP V

Eaves comb with increased ventilation surface. It protects the roof from bird and rodent access while providing intake of air to the roof ventilation space. Flexible PVC ensures a precise fit to the curvature of the tiles, preventing the comb's elements from breaking off. With an additional ventilation element, the comb clearly improves the efficiency of air intake into the roof ventilation space. Special foot distances allow the easy installation of gutter hooks.



85 mm 1000 mm 50 pcs

COROKAP EV

A ventilation element that prevents birds and larger debris from entering the eaves air intake. Designed for flat tiles.

32 mm 1000 mm 100 pcs

COROCRAT

Eaves mesh. Protects roof eaves from birds, rodents, insects and larger debris entering inside. Provides air intake to the roof ventilation space.

80/100 mm | 5000 mm | 80mm x 5m (20 rolls) 100mm x 5m (20 rolls)

COROBIRD

Bird protection module. Embedded in a polycarbonate base, the stainless steel spikes effectively deter birds from perching and nesting. Special embossing along the length allows you to divide the module and adapt it to your needs.

120 mm | 330 mm | 110 mm | 120x330x110 mm (100 pcs)

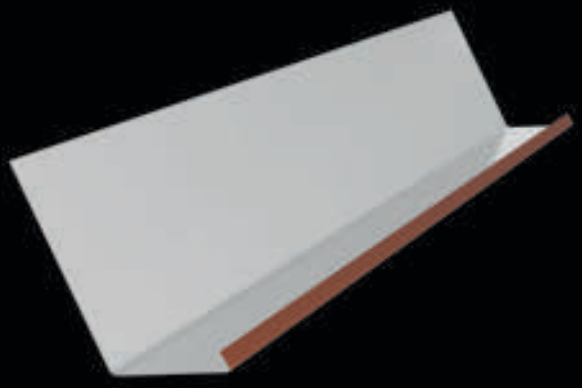
COROBIRD PRO

Bird protection module made of polycarbonate. Special hinges and module design allow for precise adjustment of the components as needed. With the implemented solutions, spiked surfaces can be compacted or thinned which makes the module effectively deter birds from perching and nesting.

120 mm | 330 mm | 110 mm | 120x330x130 mm (100 pcs)

CORORAN

Over gutter flashing. Thanks to an appropriate structure, it efficiently drains rainwater from the roofing and from the roof membrane to the gutter system. Its aluminium construction makes it very durable and weather-resistant.



1x7x12 mm | 2000 mm | 0,58 mm | 20 pcs

INSTALLATION SYSTEMS

Roof tile fasteners are specially constructed wires that fasten the roof tiles to the battens to keep the tiles from being picked up by the wind. The number of fasteners used on a roof depends on the wind zone in which the building is located, the angle of the roof, the position of the tile in the slope, the height of the building or the type of tile.

COROSPIN

Tile fasteners made of galvanized steel or with type 513 steel in the case of stainless steel.

TYPE NORDMARK TYP 513

TYP 417 TYP 416 TYP J/435

COROSPIN TYP 513	25 pcs
COROSPIN TYP 417	100 pcs
COROSPIN TYP NORDMARK 2-2, 3-3	100 pcs
COROSPIN TYP 416	100 pcs
COROSPIN TYP J/435	100 pcs
COROSPIN TYP U	100 pcs
COROSPIN TYP 409	200 pcs

TYP U TYP 409

COROKAL

Ridge buckles made of high quality aluminium covered with polyester paint. They provide a durable and sturdy attachment. The offer includes the most popular buckle models and colours.

UNI

KORAMIC 11

RŐBEN

PLAIN TILE KORAMIC 3

PLAIN TILE KORAMIC 2

50 pcs

ROOF COMMUNICATION SYSTEMS

Roof communication is a system of elements used for efficient and safe movement on the roof. For this purpose, toe boards and toe hold chimney sweeps, are used, which consist of platforms, fixing elements and brackets appropriate to the type of covering. Brackets for toe boards and toe hold chimney sweeps are the same and installed using the same method. Their maximum spacing is 60 cm.

TECHNICAL ADVISOR'S OPINION:

By using the roof communication systems you facilitate any maintenance work and other activities you or others perform on the roof while maintaining safety. Depending on the type of covering and its colour, you can choose your roof communication set.

COROLAV

Toe board platform made of galvanized sheet metal. A component used for moving on the roof, along the ridge. Anti-slip perforation and profiled external edges increase the user's safety. Corolav L is a specialised toe board coupler of galvanized steel, for connecting toe board platforms in a series.

Corolav L

COROLAV — 2,0 mm — 400 / 600 / 800 / 1000 / 1200 / 1500 / 2000 / 2500 / 3000 mm — 250 mm — 2 pcs

COROLAV L — 40x180 mm — 2 pcs

COROLAV M

Toe board fixing element of galvanized steel flat bar. Allows the toe board platform to be mounted to the bracket. Allows adjustment depending on the roof slope angle. The set includes 2 M8x50 screws with washers and nuts.

3,8 mm — 5 pcs

COROLAV K

Toe board bracket of galvanized steel angle and a flat bar. Allows the toe board platform to be mounted to the wall of the chimney. Equipped with a set of 2 M8x50 screws.

4,0 mm — 5 pcs

COROLAV W

Toe board bracket of galvanized steel flat bar. A bracket model tailored to the type of roof covering used.

CERAMIC TILE D

PLAIN TILE

CERAMIC TILE

METAL TILE

FLAT COVER

STANDING SEAM ROOFING

4,0 mm

5 pcs

COROSTEP®

Chimney sweep toe hold of galvanized flat steel bar. It consists of the fixing element, foot and handle. Facilitates moving on the roof slope. Anti-slip perforation and profiled external edges increase the user's safety.

240mm | 140 mm | 4,0 mm | 5 pcs

COROTOP®SET

Roof communication system consisting of the toe board platform, 2 fixing elements and 2 brackets for the toe board platform and 2 sets of stainless steel screws. The type of system is tailored to the type of tile selected.

SET 0,4 m Plain tile bracket
Ceramic tile D bracket

SET 0,8 m Plain tile bracket
Ceramic tile D bracket
Metal tile bracket

1 set

SNOW PROTECTION

The most common protection in this area is snow-protection barriers mounted on brackets appropriate to the type of roofing. Their purpose is to stop snow sliding off the roof. Install snow-protection barriers only where they are necessary, as snow on the barrier is an additional load on the roof. It is recommended to install an additional support batten under the row of tiles on which the bracket is to provide additional support for the tiles bearing snow lying by the barrier. Install snow-protection barriers at the height of the wall plate (never at the eaves). As snow on the barrier is an additional, significant load on the roof, installation of barriers should be included in the roof structure design.

COROSNOW

Riveted snow-protection barrier made of galvanized steel. Used for protecting the gutter system against falling off due to snow sliding down the roof slope. It can be used on roofs covered with metal or traditional tiles.

COROSNOW L

COROSNOW	2,0 mm	1200 / 2000 / 3000 mm	200 mm	5 pcs
COROSNOW L	20x52 mm	6 pcs		

COROSNOW W

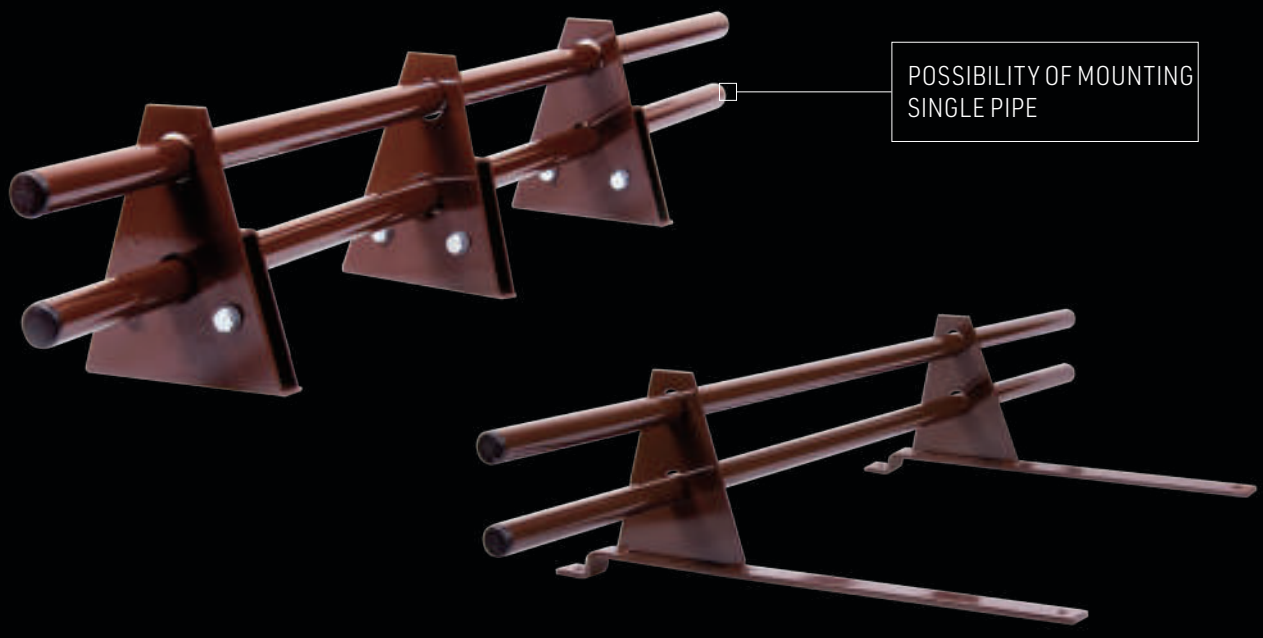
Snow-protection barrier bracket of flat steel. It is the fixing element of the snow-protection barrier ladder. Choice of the bracket depends on the type of covering.

CERAMIC TILE | PLAIN TILE | FLAT COVER | METAL TILE | STANDING SEAM ROOFING

4,0 mm | 5 pcs

COROSNOW SR

Corosnow SR is a pipe anti-snow system. It is an alternative solution to snow-protection barriers. It consists of aluminium anti-snow pipe, brackets made of steel sheet, couplers and hole plugs. The system stops snow sliding off the roof. At the same time it protects the eaves and gutters.



METAL TILE

PLAIN TILE

ANTI-SNOW PIPE

HOLE PLUG

COUPLER

STANDING SEAM ROOFING

screw diameter **25** mm

1000/1500/2000/3000 mm

hole spacing **160** mm

sheet thickness **3/6** mm

ROOF VENT

Dampness is a natural phenomenon that occurs indoors. The most important role and function performed by the roof vent is drainage of excess water vapour outside of the room. Tight ventilation ensures correct exchange of air in the building and prevents the occurrence of mould and fungi. Regarding their purpose, roof vents can be divided into isolated, non-isolated, revolving and with condensate drain. The most important thing is to select a roof vent appropriate for the roof covering and for the roof slope angle.

HOW TO SELECT ORDER NUMBER OF THE ROOF VENT TO THE ROOF COVERING

model number + passage number + colour number

e.g. roof vent metal tile with condensate drain, 125 mm, Pruszyński, brick red 8004 colour

C07 M 07

Colour	RAL	Code
grey	7046	...01
brown	8017	...02
graphite	7024	...03
red	3009	...04
green	6020	...05
black	9005	...06
brick red	8004	...07
anthracite	7021	...08
clay brown	8003	...09
dark brown	8019	...10

ICON SYMBOLS

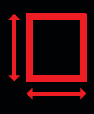

length


vapour permeability


temperature

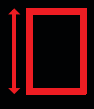

grammage


adhesive strips


dimension

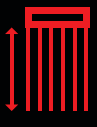

thickness after expansion


ventilation surface


height


adhesive layer thickness


eyelet size


brushes


thickness


roll size


diameter


resistance to stretching


bracket spacing


resistance to tearing


width


temperature resistance


spacing


packaging


adhesive layer width

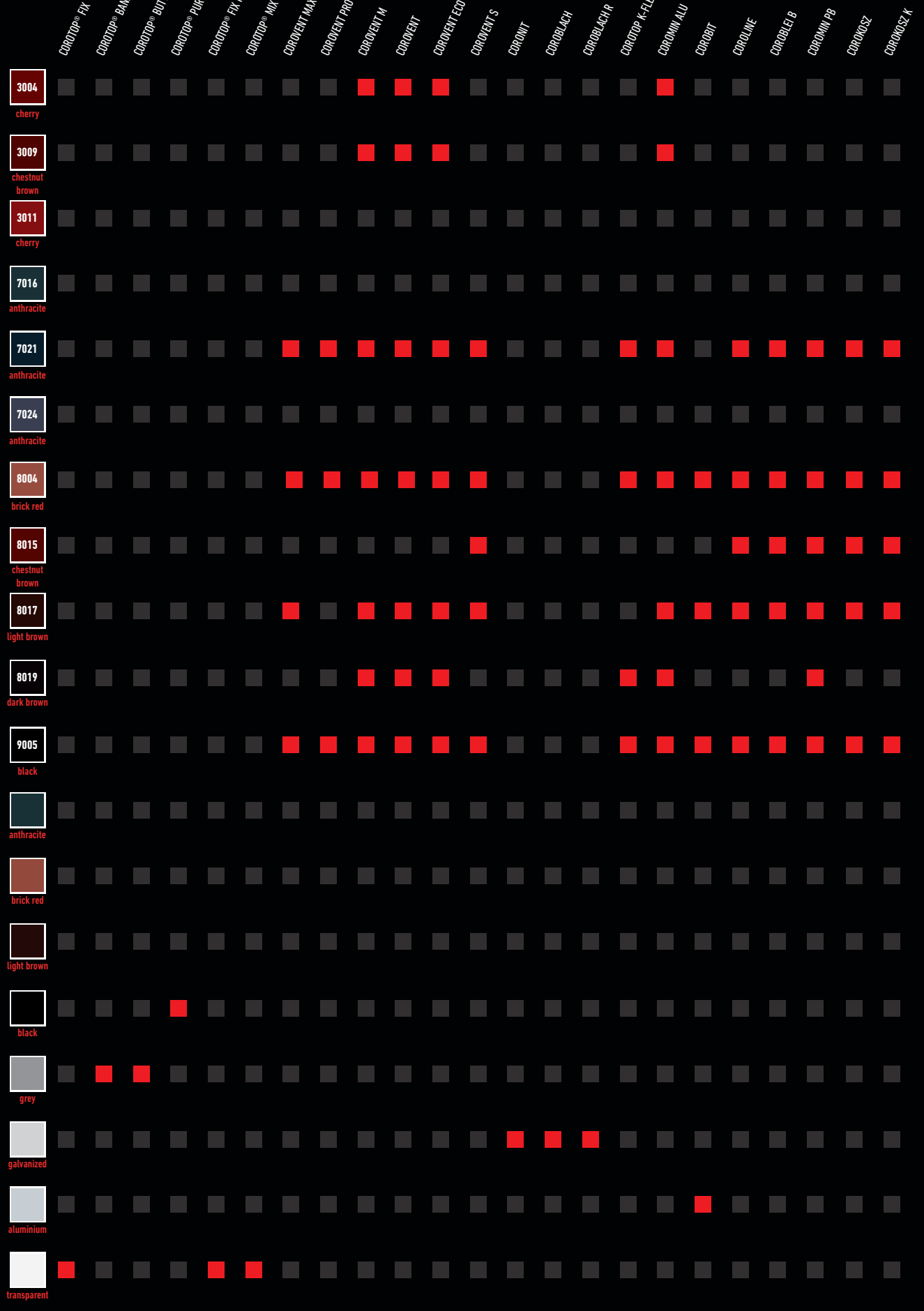
MEMBRANE PARAMETERS

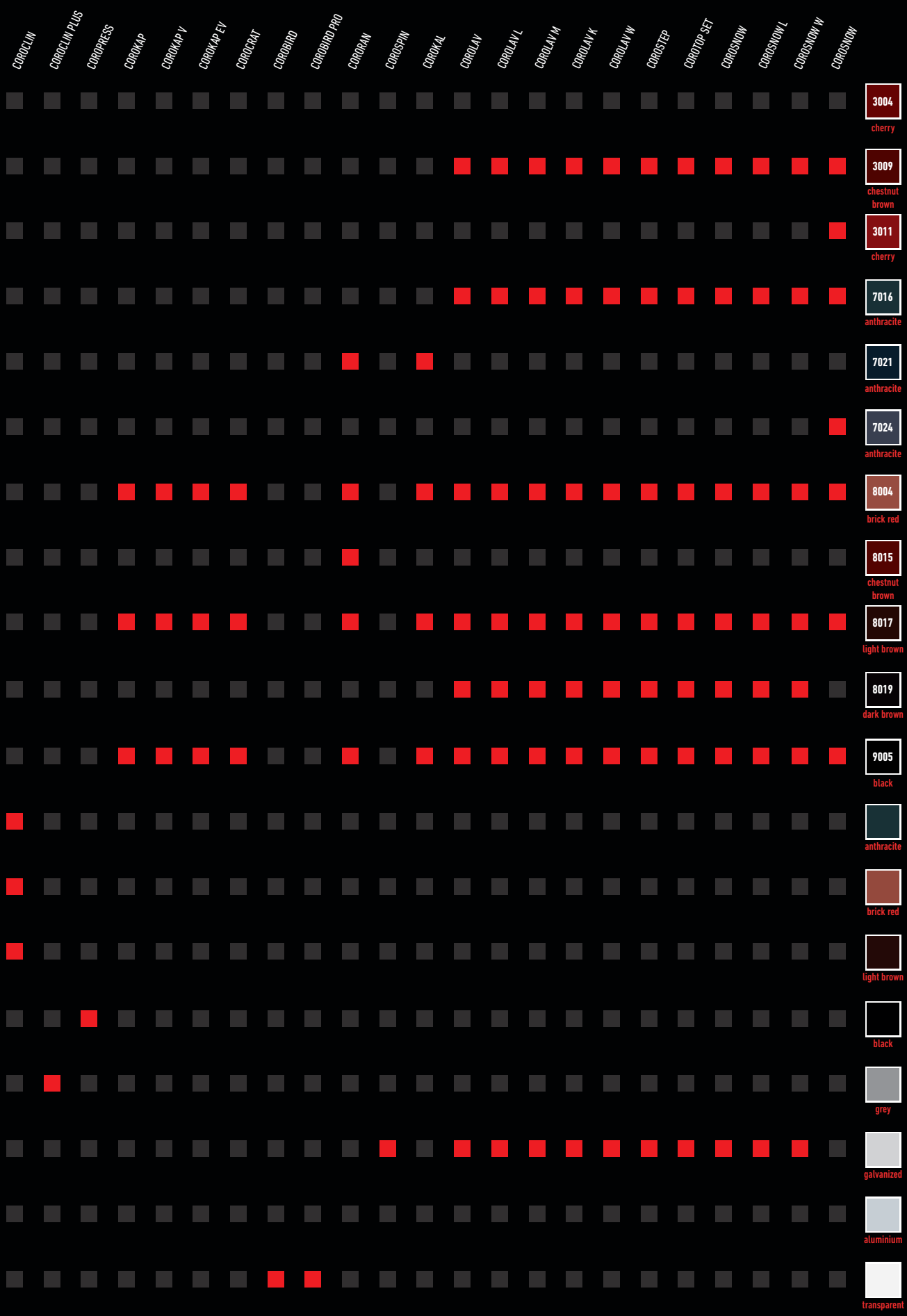
Product	Corotop Light	Corotop Smart	Corotop Classic	Corotop Blue	Corotop Thermo Control	Corotop Strong	Corotop Extra Protect
Weight (g/m²)	100	120	130	140	150	160	165
Material	PP+film	PP+film	PP+film	PP+film	ALU+film+PP	PP+film	PP+film+mesh
Adhesive strips			+	+		+	
Upper vlies colour	grey	beige	grey	blue	aluminium	beige	blue
Bottom vlies color	natural	natural	anthracite	anthracite	anthracite	natural	anthracite
Reacion to fire (class)	E	E	E	E	F	E	E
SD (m)	0,02	0,02	0,02	0,02	0,05	0,02	0,07
Tensile strength (N/50mm) (MD/CD)	250 / 150	285 / 180	310 / 220	350 / 230	300 / 220	380 / 280	490 / 300
Elongation (%) (MD/CD)	70 / 130	75 / 130	60/60	65 / 80	30 / 15	75 / 120	15 / 20
Tear resistance (N) (MD/CD)	120 / 160	130 / 170	170 / 240	180 / 250	120 / 190	200 / 275	200 / 250
Dimension	1,5m x 50mb = 75m²	1,5m x 50mb = 75m²	1,5m x 50mb = 75m²	1,5m x 50mb = 75m²	1,5m x 50mb = 75m²	1,5m x 50mb = 75m²	1,5m x 50mb = 75m²

Product	Corotop Red Strong	Corotop X-tream	Corotop Pure	Corotop Ultra	Corotop Power	Corotop Mono	Corotop Metal
Weight (g/m²)	180	190	205	220	250	330	440
Material	PP+film	PES+TPU	PP+film	PP+film	PP+film	PES+TPU	PP+PP mat
Adhesive strips	+	+	+	+	+	+	
Upper vlies colour	red	grey	green	anthracite	maroon	black	black
Bottom vlies color	anthracite	natural	anthracite	anthracite	grey	black	black
Reacion to fire (class)	E	E	E	E	E	E	E
SD (m)	0,02	0,15	0,07	0,02	0,07	0,15	0,02
Tensile strength (N/50mm) (MD/CD)	450 / 300	240 / 230	500 / 270	500 / 350	750 / 700	550 / 350	320 / 200
Elongation (%) (MD/CD)	85 / 130	30 / 60	60 / 90	75 / 100	50 / 75	30 / 50	70 / 100
Tear resistance (N) (MD/CD)	250 / 350	160 / 170	210 / 300	280 / 400	250 / 275	250 / 250	150 / 200
Dimension	1,5m x 50mb = 75m²	1,5m x 50mb = 75m²	1,5m x 50mb = 75m²	1,5m x 50mb = 75m²	1,5m x 50mb = 75m²	1,5m x 25mb = 37,5m²	1,5m x 25mb = 37,5m²

Product	Corotop Oplot	CoroVIN	Corotop Open	Corotop Metallic	Corotop Variant	Corotop Active Control	Corotop Reflex
Weight (g/m²)	250	100	200	80	90	100	115
Material	PP mat	PP	PES+TPU	PP+ALU	PES+film	PP+film	PP+ALU
Adhesive strips							
Upper vlies colour	black	grey	black	beige	white	natural	anthracite
Bottom vlies color	-	-	black	aluminium		-	aluminium
Reacion to fire (class)	E	F	E	E	E	E	E
SD (m)	-	0,01	0,08	40	0,2-20	15	300
Tensile strength (N/50mm) (MD/CD)	50 / 25	195 / 120	260 / 160	≥ 185 / ≥ 140	≥ 230 / ≥ 240	≥ 160 / ≥ 110	≥ 290 / ≥ 260
Elongation (%) (MD/CD)	70 / 40	90 / 100	35 / 50	≥ 50 / ≥ 10	≥ 15 / ≥ 20	≥ 70 / ≥ 90	≥ 45 / ≥ 15
Tear resistance (N) (MD/CD)	- / -	145 / 180	100 / 120	≥ 40 / ≥ 60	≥ 20 / ≥ 20	≥ 110 / ≥ 150	≥ 40 / ≥ 60
Dimension	1,4m x 30mb = 42m²	1,5m x 50mb = 75m²	1,5m x 50mb = 75m²	1,5m x 50mb = 75m²	1,5m x 50mb = 75m²	1,5m x 50mb = 75m²	1,5m x 50mb = 75m²

TABLE OF COLOURS




COROCLIN
COROCLIN PLUS
COROPRESS
COROKAP
COROKAP V
COROKAP EV
COROCRAT
COROBIRD
COROBIRD PRO
CORORAN
COROSPIN
COROKAL
COROLAV
COROLAV L
COROLAV M
COROLAV K
COROLAV W
COROSTEP
COROTOP SET
COROSNOW
COROSNOW L
COROSNOW W
COROSNOW
3004
cherry
3009
chestnut brown
3011
cherry
7016
anthracite
7021
anthracite
7024
anthracite
8004
brick red
8015
chestnut brown
8017
light brown
8019
dark brown
9005
black
anthracite
brick red
light brown
black
grey
galvanized
aluminium
transparent

NOTES


Corotop

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Protection above all