

Euronit

Corrugated sheets

Grow the good within

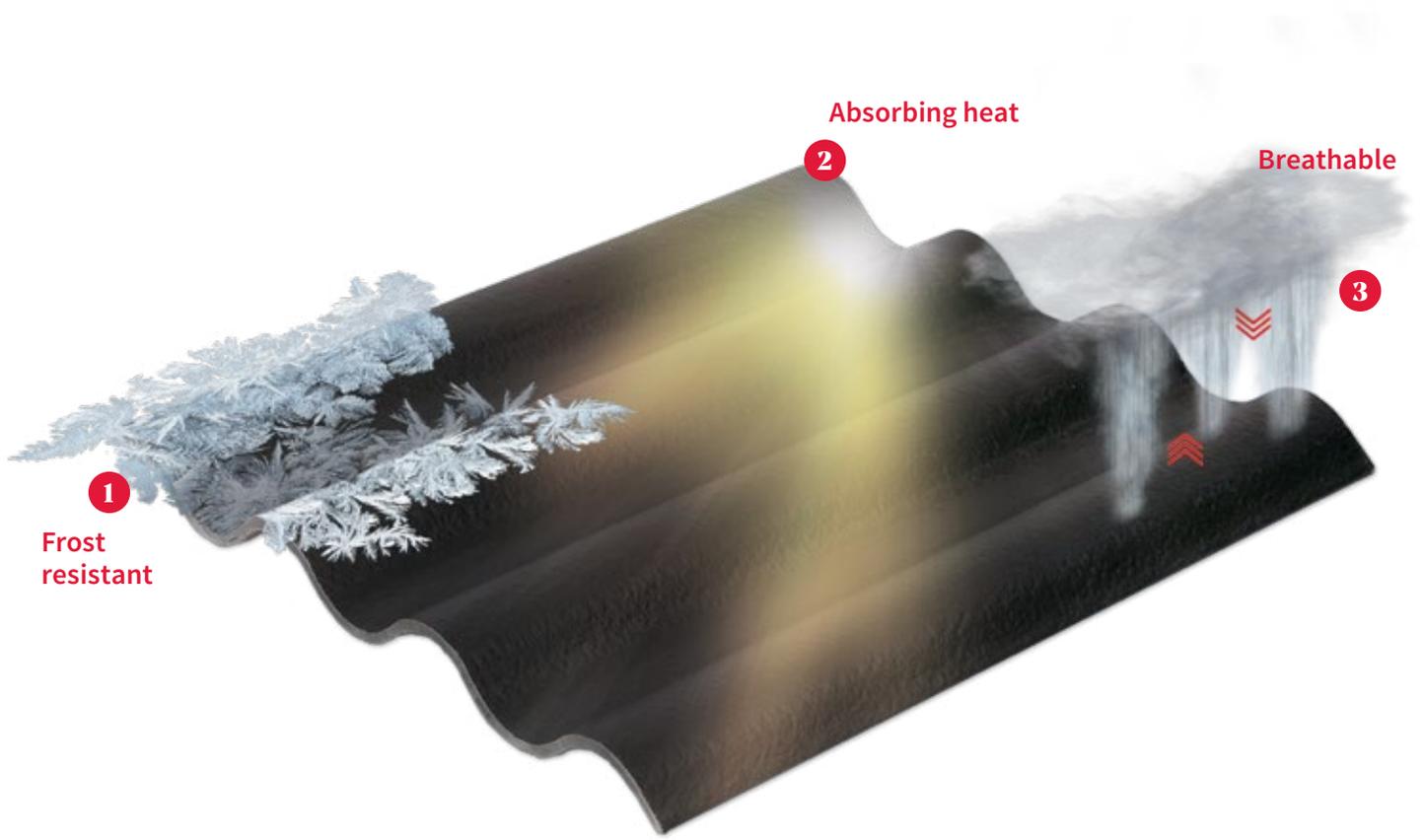


Benefits of Euronit fibre cement

Euronit sheets and accessories are all made from fibre cement, the optimum material for livestock, storage and smaller buildings.

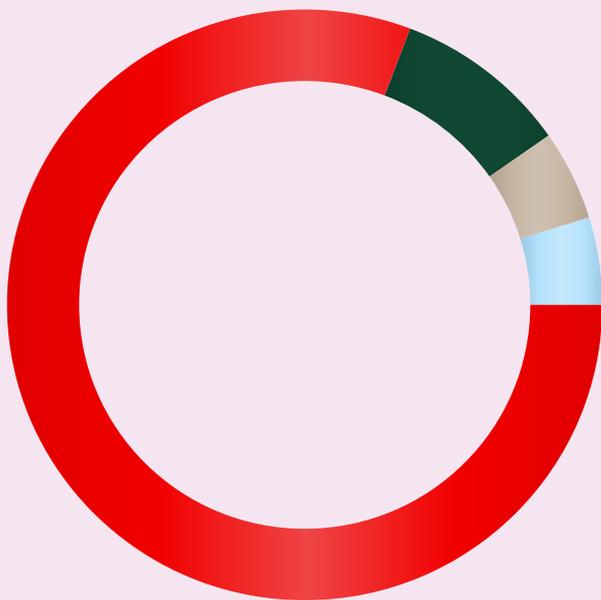
This table gives a quick overview of the key benefits:

Key benefit		<i>Euronit</i> Fiber cement roofing materials	Bitumen roofing materials	Metal roofing materials
Breathable 	Fiber cement is a naturally breathable material. Perfect airflow and moisture ratio.	✓	✗	✗
Fire resistance 	Our corrugated sheets are non-combustible (Fire class A2-s1, class d0 according to EN 13501-1;1)	✓	✗	✓
Longevity 	Fibre cement resists to your climate, without maintenance or treatments.	✓	✗	✗
Insulation 	The thermal and acoustic properties of fibre cement are better than those of other commonly used roof materials, resulting in warm in winter and cool in summer.	✓	✗	✗
Durable 	Fiber cement is a durable material that meets the highest strength requirements according to standard EN 494. Rust, rot and corrosion resistance.	✓	✓	✗



Fiber cement – an environmentally friendly material

Euronit fiber cement corrugated sheets consist only of natural raw materials: cement, cellulose fibers, PVA – for fiber reinforcement and other sustainable fillers.



- **80%** Cement
- **10%** Fillers
- **5%** Fibers
- **5%** Other sustainable components

Where everything comes together



Dairy & Cattle



Arable



Piggeries



Machinery



Poultryes



Residential



Other Livestock



Commercial and Industrial

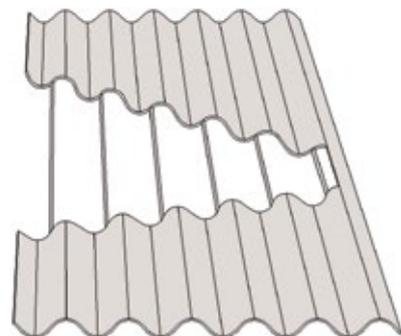


Equestrian

Euronit offers professional roofing solutions to meet the needs of modern buildings, which is not just limited to the selection of roofing. It includes special attention towards the customer, consultancy and advice for specific projects.

The Euronit fibre cement corrugated sheets are most popular in Western Europe due to:

- ✓ Possibility to choose from a variety of sheet lengths.
- ✓ Broad colour palette.
- ✓ Wide range of roof accessories.
- ✓ P76 and C40 sheets have protective strips on each wave.





Why the fiber cement corrugated sheets?



Fresh air and air circulation

Corrosion due to condensation, gases and dust may weaken and shorten the life of any animal building. Inadequate ventilation can also lead to unhealthy animals, so choosing the right solution for your dairy cattle farming buildings is imperative.



Balanced temperature

Temperatures can have a range of effects on each animal. Cows feel most comfortable between -5 and +18 °C. That's why extreme cold and heat are avoided in the barn, and it could cause a strong feeling of stress for the animals. The higher the temperature, the more energy a cow uses to cool itself.



Natural light

Animal welfare and comfort are key priorities when building or refurbishing your farm building. Ventilation and natural light are essential for your cow's mental and physical wellbeing. Healthy cattle produce more milk, improving the return on investment for farmers.



Noise proofing

The hearing ability of cattle is well advanced. The more sudden and alien noise is the more stress the animal triggers. From one sound level of 80 dB experiences a cattle stress, and 80 dB is comparable with heavy traffic noise. For this reason, it is important to reduce the noise level.

Consumers care more and more about animal welfare. Therefore, it is very important to invest in sustainable buildings adapted to the needs of your pigs



Rust, rot and corrosion resistance

Animal welfare and comfort are key priorities when building or refurbishing farm buildings. Pig buildings need to withstand the aggressive and corrosive environments created by the pigs. Fiber cement is the ideal solution for this as it will not corrode in an ammonia-rich atmosphere.



Durable material

An aggressive environment and pollution characterize the pig farm environment. Fiber cement sheet roof is a smart solution for a couple of reasons:

- Corrugated sheets are fire resistance
- They suppress sound well, therefore the animals experience less stress in the rain or falling hail.
- Euronit sheets fit perfectly with an insulating coating to improve animal comfort.

With Euronit unique sound dampening and moisture absorbing qualities, it's simply made for livestock and equestrian buildings



Equestrian

Ventilation, natural light and calm are essential for physical and mental wellbeing. The resonance of our fibre cement sheeting is lower than any other standard roofing sheet. It provides ideal conditions for both equestrian centres and stables.



Other livestock

Livestock is also generally sensitive to noise. Euronit sheets limit the drum effect compared with metal sheets when raining. Euronit fiber cement sheets absorb sound twice better than metal sheets, leaving a calmer environment for the animals. When asked for advice in designing general livestock buildings, we know the overall result needs to be practical and safe whilst keeping to your budget and specification. Considering this, we want your agricultural building to fit in with its surrounding environment.

Create clean, comfortable and safe industrial buildings and warehousing



Arable

Appropriate storage facilities are key to keeping equipment, grain, straw, or produce in the best possible condition. Two key attributes are usually required to achieve the ideal insulated and ventilated climate. The crops need to be kept cool and dry. Corrugated sheets can help with this as they have a good thermal performance to keep the heat from outside at bay. They also retain moisture to reduce the chance of any dripping on the crops.



Other buildings

Our materials' versatility and durability allow us to use them in industrial and commercial projects. Euronit corrugated sheets are unique roofing and facade cladding products.



Machinery

The equipment used on your farm is the key tool to getting the most productivity from the farm. Often, the equipment is physically the largest and by far the most expensive investment on your farm.

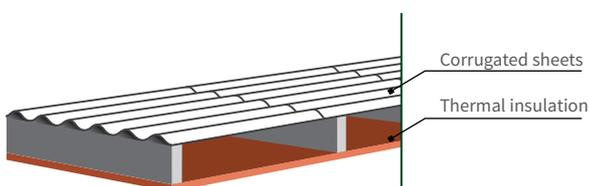
The warm roof system is a combination of the advantages of fibre cement corrugated sheets and thermal insulation



✓ Why to insulate corrugated sheets?

More than a third of CO₂ emissions result from maintaining the required temperature in a building. For this reason, energy performance requirements for residential and auxiliary buildings are getting stricter. Because of these developments, Euronit regularly improves its products and offers roofing and thermal insulation solutions.

Proper thermal insulation is the most efficient way to reduce energy consumption in buildings. It serves as the basis for the Energy Efficiency Performance Standard (EEPS). Two-thirds of power consumption can be reduced in a well-insulated building.

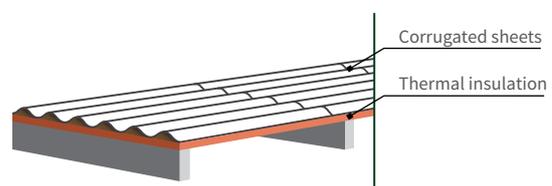


Insulation material under purlins

✓ Thermal insulation in agricultural buildings

Special insulation requirements apply for agricultural buildings where animals are kept and in facilities for milking, storage and sorting. A regular temperature and maximum indoor climate control must be ensured using minimum costs and efforts. Reduction of moisture and prevention of rotting and diseases must be ensured in storage areas for agricultural and horticultural products.

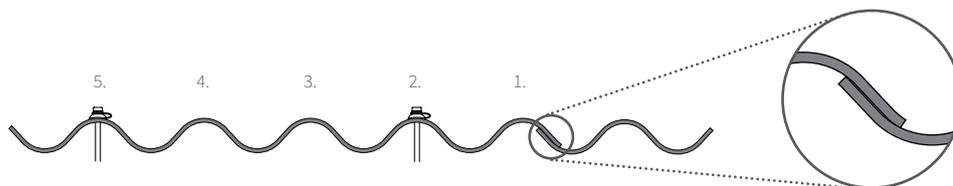
Euronit recommends two types of roofing and thermal insulation systems: laying insulation material over or under the purlins.



Insulation material over purlins



GOTIKA – VILLA / P75



With only 5 waves and the strength of fiber cement, these corrugated sheets are suitable for roof areas.

- ✓ **Wave height (mm) : 57**
- ✓ **Width (mm) : 920**
- ✓ **Thickness (mm) : 6**
- ✓ **Available lengths (mm) :
585, 875, 1600, 2000, 2500**



L00 - Natural grey



L11 - Classic red



L12 - Dark red



L21 - Dark brown



L22 - Red brown
(cherry)



L31 - Dark green



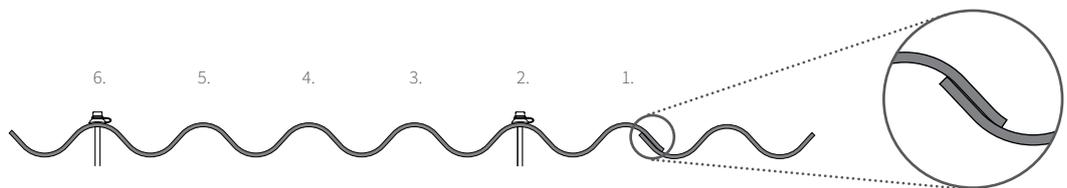
L91 - Black



L92 - Graphite



AGROFALA / P76



6 waves sheets, a professional roofing solution to meet the needs of the modern farm, which is not just limited to the selection of roofing.

- ✓ **Wave height (mm) : 57.5**
- ✓ **Width (mm) : 1097**
- ✓ **Thickness (mm) : 6.5**
- ✓ **Available lengths (mm) :
1250, 1600, 2500**



L00 - Natural grey



L11 - Classic red



L12 - Dark red



L21 - Dark brown



L22 - Red brown
(cherry)



L31 - Dark green



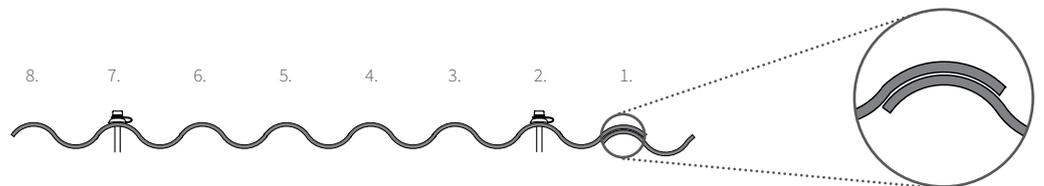
L91 - Black



L92 - Graphite



EKOFALA / CB40



8 waves fibre cement corrugated sheets are intended for farmers looking for a secure and reliable roofing solution adapted to their area of agriculture. The sheets provide a micro roof climate suitable for farm animals and agricultural products.

- Wave height (mm) : 46**
- Width (mm) : 1130**
- Thickness (mm) : 6**
- Available lengths (mm) :
1250, 1750, 2500**



L00 - Natural grey



L11 - Classic red



L12 - Dark red



L21 - Dark brown



L22 - Red brown
(cherry)



L31 - Dark green



L91 - Black



L92 - Graphite



A brighter, lighter working environment

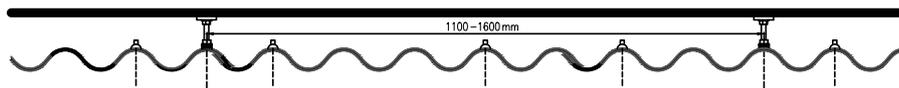


Transparent sheets are perhaps one of the simplest ways to take advantage of solar energy. It is even recommended to cover at least 10 percent of the roof with transparent roof covering material in animal farms. It helps save electrical power, and natural sunlight is more acceptable for animals. We offer transparent sheets which are adjusted to Euronit Baltic corrugated sheets.

- ✓ Transparent sheets are fixed in the same way as corrugated sheets. Therefore, the process of covering the roof using these sheets is simple and fast.
- ✓ Transparent sheets are intended to be used with Euronit sheets. The sheets reinforced with glass fiber have a good thickness to strength ratio.



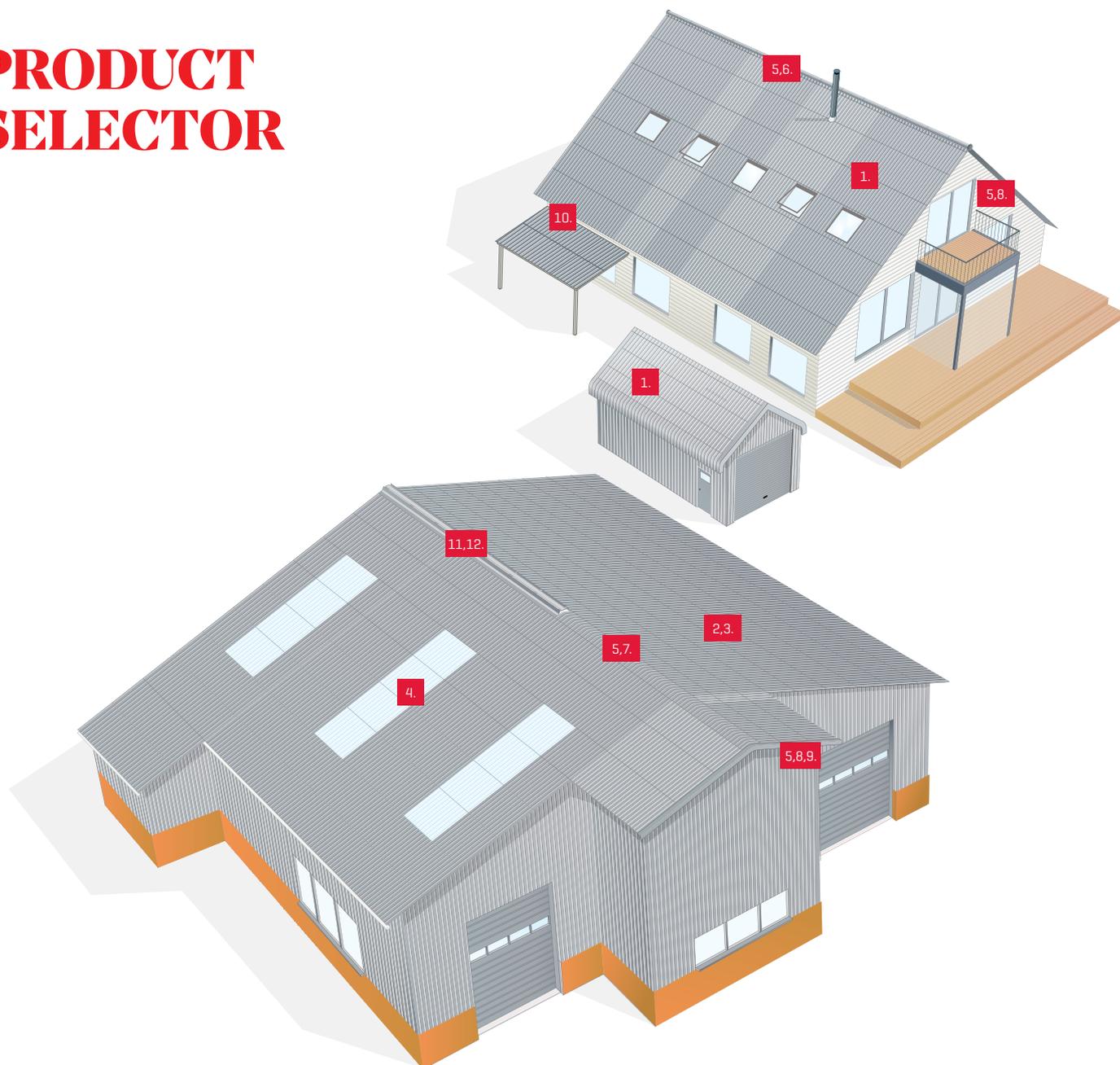
Ecologic and profitable investment



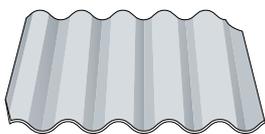
Installation of solar panels on the fiber cement corrugated sheets allows to keep the original roof and avoid additional expenses. There are suitable solutions that enable integrating solar panels with Euronit corrugated sheets to combine the benefits of solar panels and fiber cement.

- ✓ **Own solar power plant - solution to protect against energy price spikes that are inevitable in the future.**
- ✓ **Green and clean power is available every day of the year, even cloudy days produce some power.**

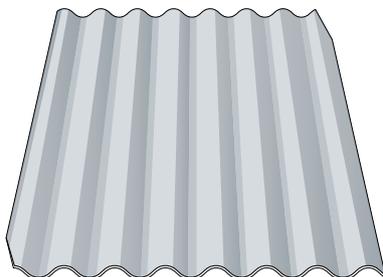
PRODUCT SELECTOR



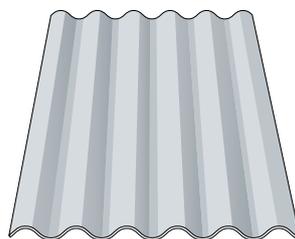
1. Gotika P75 (P5) corrugated sheets
1.1. Villa P75 (P5) corrugated sheets



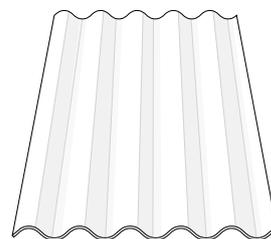
2. Ekofala CB40 (P8) corrugated sheets



3. Agrofala P76 (P6) corrugated sheets



4. Transparent corrugated sheets



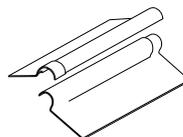
5. Ridge cap / bargeboard



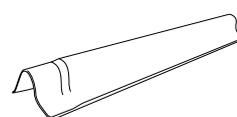
6. Ridge / Hip cap



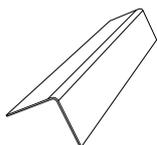
7. Universal roof ridge



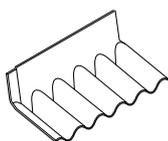
8. S type windboard



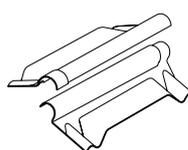
9. Universal bargeboard



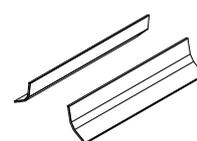
10. Connection roof to wall



11. Double-slope ventilated roof ridge



12. Open roof ridge system



Euronit

We're here to help

For information call

+370 615 86464

„Eternit Baltic“

Eternit Baltic | J. Dalinkevičiaus str. 2H | 85118 Naujoji Akmenė | Lithuania | Bank: Luminor Bank AS Lithuanian Branch
IBAN: LT134010043300020270 | BIC: AGBLLT2XXX | RPM: 110579290 | VAT Number: LT105792917