RENOLIT

Rely on it.

LIGHT RIDGES
RENOLIT ONDEX

NEW NEW NEW NEW NEW NEW NEW NEW NEW NEW NEW NEW NEW NEW NEW NEW NEW NEW NEW

Now available in
DIFFU100
For a 100% diffuse light!
☀

Ventilated
lighting ridge for
farm buildings

+ MATERIAL

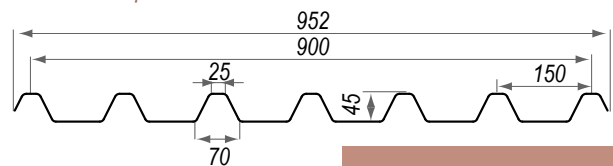**The RENOLIT ONDEX LIGHT RIDGES are made with translucent bi-stretched sheets profile 150/45.**

So they benefit from all qualities resulting from the bi-stretching process.

+ **Shock resistance**
+ **Mechanical resistance**
+ **Resistance to thermal shocks**
+ **Hail resistance**

Besides they have an excellent resistance to aggressive chemical fumes (ammoniac, …)

Profile 150/45

952
900
25
45
150
70

Required number of light ridges =
$$\frac{\text{Ridge length in m}}{0.870 \text{ m}}$$

+ APPLICATION

Thanks to their shape and optical qualities the **RENOLIT** ONDEX LIGHT RIDGES are a practical, efficient and fast solution to make a ventilated lighting ridge.
The **RENOLIT** ONDEX LIGHT RIDGES allow an easy installation, they are perfectly suited to new buildings and to the renovation of existing buildings.

A NATURAL VENTILATION FOR:

+ A healthier environment and the livestock well-being
+ A limited condensation

A MAXIMUM DURABILITY FOR:

+ A lasting light transmission
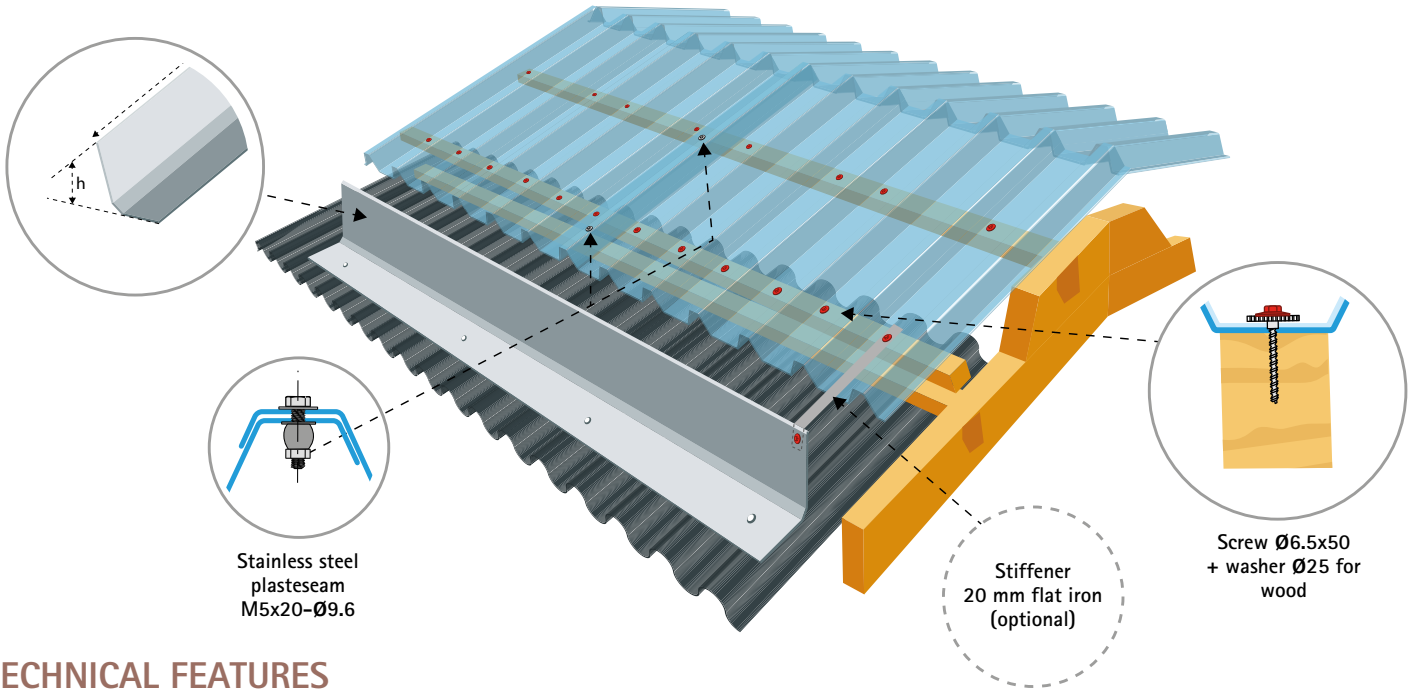+ A limited dirtying thanks to a smooth and homogeneous material

AN EXCELLENT LUMINOSITY:

+ Contributing to the livestock growth and well-being
+ Preventing the formation of moss

AN INCREASED MECHANICAL RESISTANCE TO:

+ Hail
+ Pebble projections

✚ INSTALLATION WITH A WINDBREAK

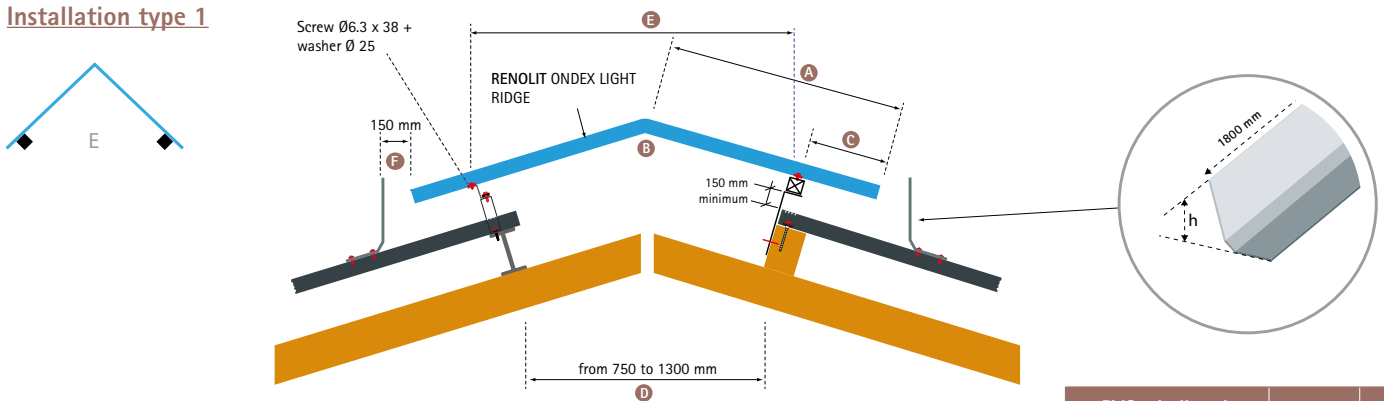**Stainless steel plasteseam M5x20–Ø9.6**

Stiffener 20 mm flat iron (optional)

Screw Ø6.5x50 + washer Ø25 for wood

TECHNICAL FEATURES

Opening angle Nw5 (140°) for a 20° (36%) roof pitch Ⓑ

Ⓐ Wing length in mm	Ⓒ Lower ridge overhang	Ⓓ Shaft width	Ⓔ Purlin distance	Installation type
600	100 to 200	750 to 950	750 to 950	
800		950 to 1300	950 to 1300	
1000	100 to 300	1300 to 1700	900	
1200		1700 to 2100	1100	
1400		2100 to 2400	1300	
1600		2400 to 2800	980	
1800		2800 to 3200	1100	
2000		3200 to 3600	1240	

Other angles or wing lengths are also possible on request

Installation type 1

Screw Ø6.3 x 38 + washer Ø 25

RENOLIT ONDEX LIGHT RIDGE

150 mm

150 mm minimum

1800 mm

from 750 to 1300 mm Ⓓ

Installation types 2 and 3

150 mm

Mini. 150 mm

Windbreak

from 1300 to 3600 mm Ⓓ
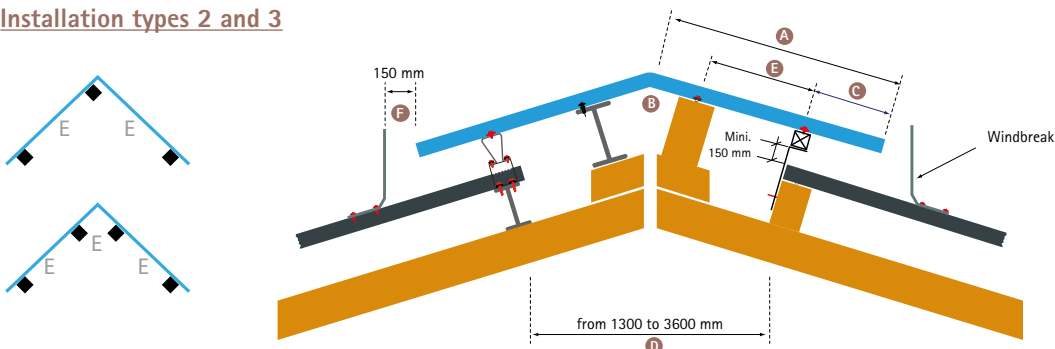
PVC windbreak Grey close to RAL7035	Height (h)	Thickness
WINDBREAK h225	225 mm	4 mm
WINDBREAK h350	350 mm	4 mm

+ INSTALLATION WITH ubak®

UBAK

Stainless steel
plasteseam
M5x20–Ø9.6

Screw Ø6.3x38
+ washer Ø25
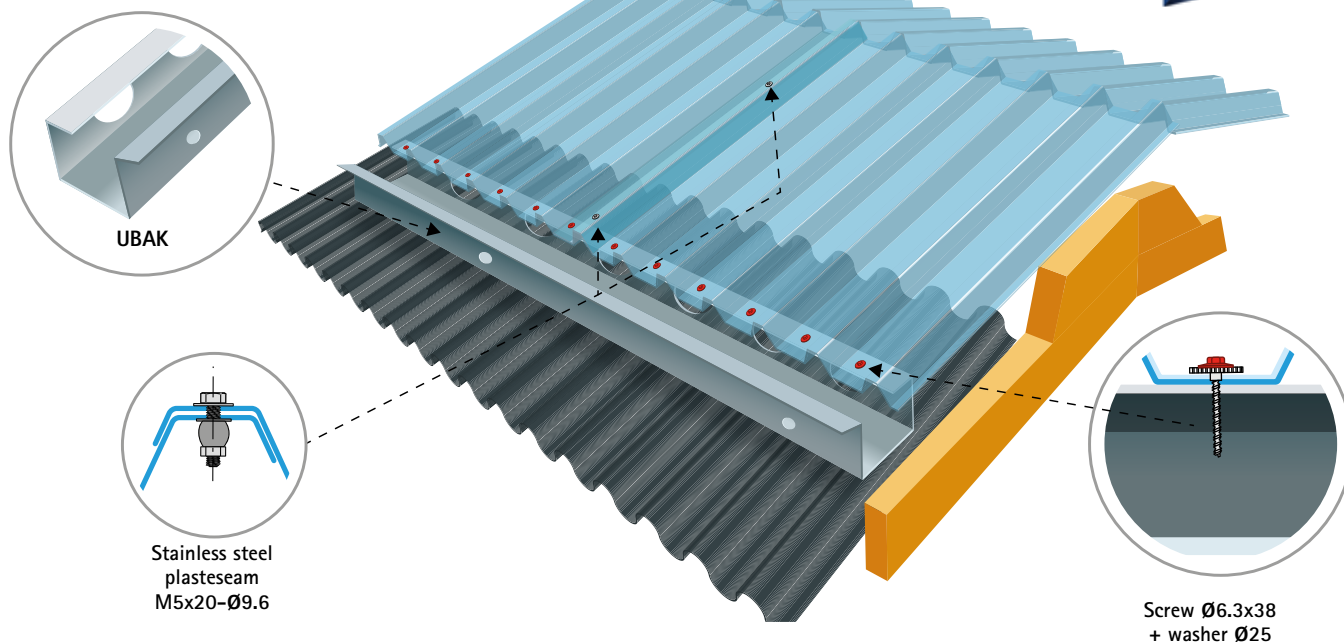
TECHNICAL FEATURES

UBAK with a length of 3 m	F	G	H	Thickness	Ventilation cm²/LM
UBAK 500 : for buildings with gabled roof < 15m wide	140 mm	150 mm	150 mm	1 mm	1050
UBAK 750 : for buildings with gabled roof between 15 and 25m wide	200 mm	210 mm	250 mm	1.5 mm	2210

E

A

C

from 100 to 150 mm

B

40 mm

F

H

G

3m

UBAK

from 750 to 1300 mm

D

A

E

C

from 100 to 150 mm

B

from 1300 to 3600 mm

D

Classic ridge

Open ridge

Offset ridge

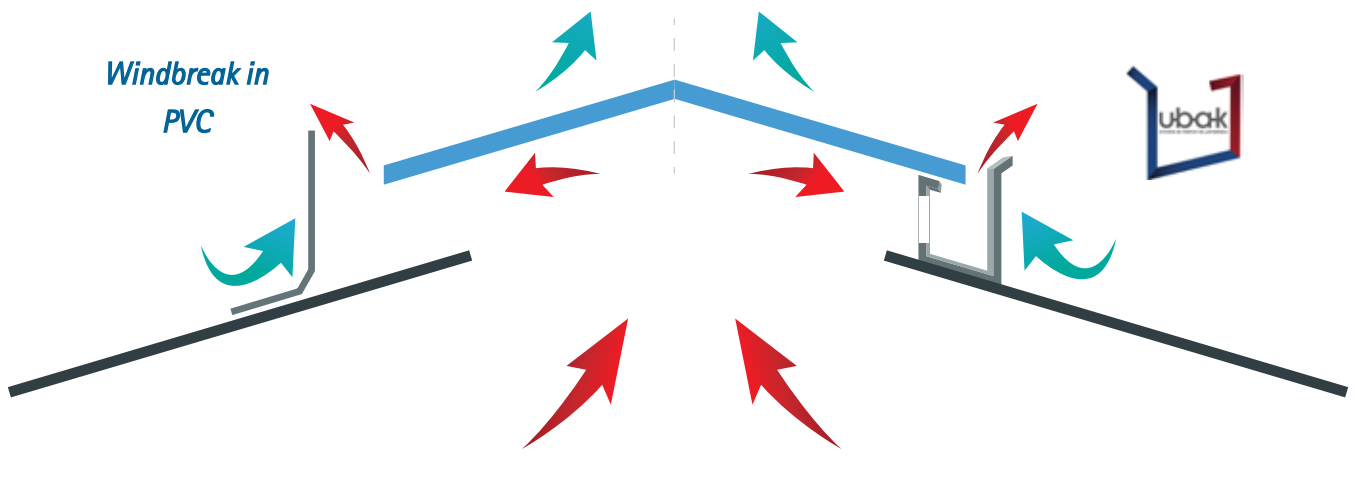**Closed ridge**
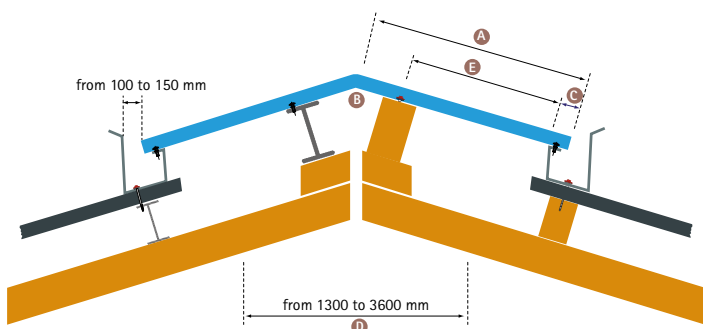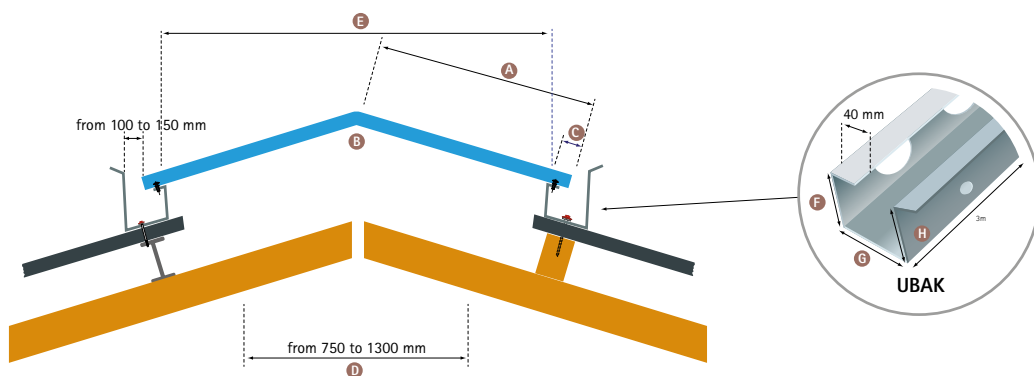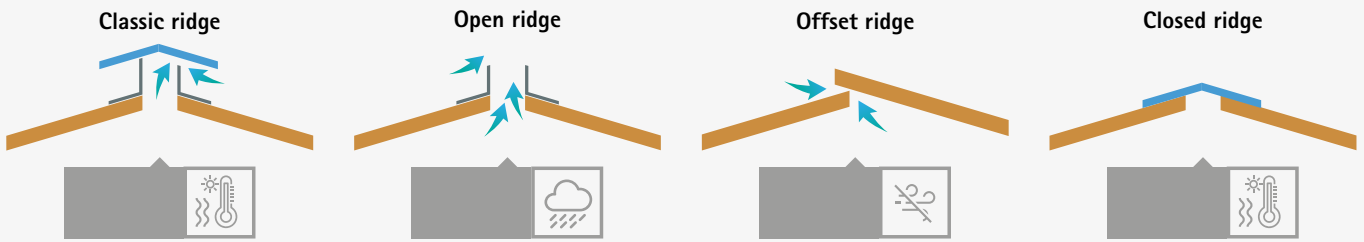
TWO SOLUTIONS

For an optimal natural ventilation

+

FOR NEW BUILDINGS OR RENOVATION OF EXISTING BUILDINGS

+ Can fit any building
+ Positionable as needed
+ Prevents the penetration of rainwater

+ Easy to install
+ Quick to install
+ Fulfills two functions

Windbreak in PVC

ubak

Discover ubak®, an innovative technical process specifically for barns (for cattles, sheeps, goats and horses).

The translucent **RENOLIT ONDEX LIGHT RIDGES** in PVC **can perform a double function: lighting and ventilation**, in accordance with the technical standards in force.

RENOLIT Ondex requested an expert assessment from the French Breeding Institute which lead to the approval of this outstanding benefit.

*The French Breeding Institute is an institute for applied research and development **which aims to improve the competitivness of grazing livestock and related sectors.***
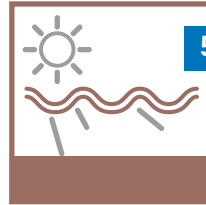
APPROVED
APPROVED

INSTITUT DE L'ELEVAGE

+ 7 GOOD REASONS FOR CHOOSING RENOLIT ONDEX
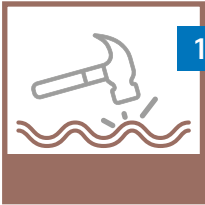
1 VERY HIGH IMPACT RESISTANCE

The **RENOLIT** ONDEX sheets have a 1200 joules certificate (50 kg bag dropped from a height of 2.4 meters).

2 NO SPREAD OF THE FIRE AND NO DROPLETS

As the **RENOLIT** ONDEX sheets are self-extinguishing and retractable, they facilitate the smoke evacuation.
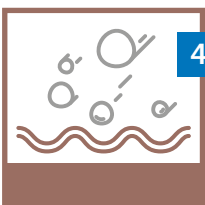
3 POSSIBLE USE ON THE FOLLOWING SITES

chemical or food processing industries. Resistance to urban pollution and salt air.
The list is available on request

4 HAIL RESISTANCE

tested by the throw of 38 g steel balls with a diameter of 40 mm at a speed of 200 km/h at a temperature of 0°C.

5 SUITED LIGHT TRANSMISSION

to the application thanks to a wide range of colours from crystal to opaque.

6 PVC IS RECYCLABLE AND RECYCLED MATERIAL

The **RENOLIT** ONDEX sheets can be used as part of a Sustainable Development Policy.

7 EVEN AT LOW TEMPERATURES

the **RENOLIT** ONDEX sheets maintain their performances.

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Non contractual document

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