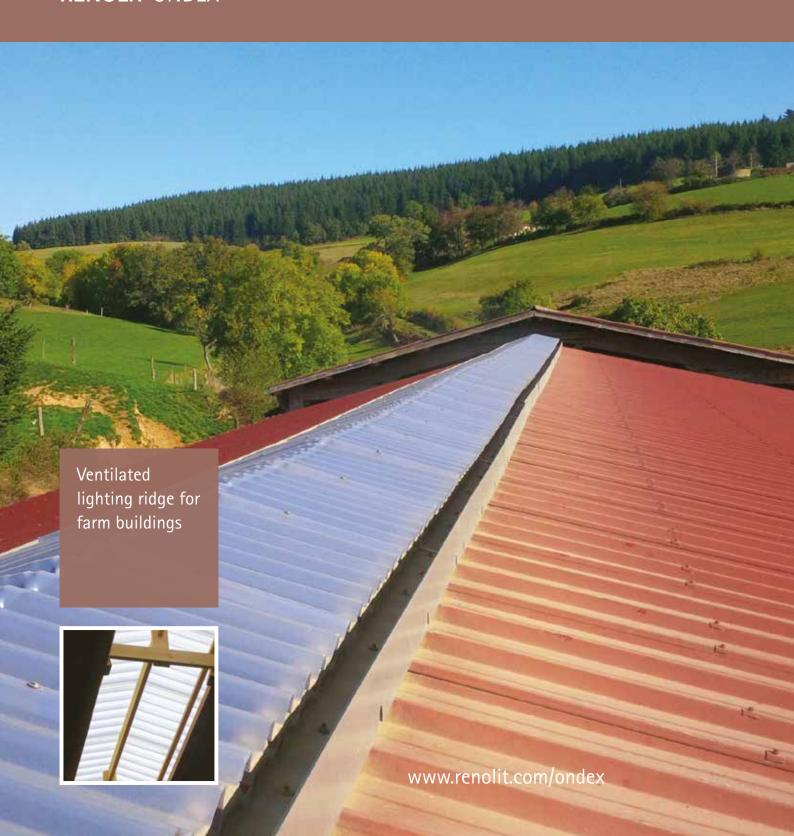


# LIGHT RIDGES RENOLIT ONDEX







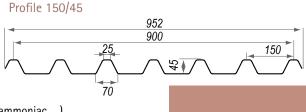
## The RENOLIT ONDEX LIGHT RIDGES are made with translucent bi-stretched sheets profile 150/45.

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, ...)





Required number of light ridges =
Ridge length in m
0.870 m



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

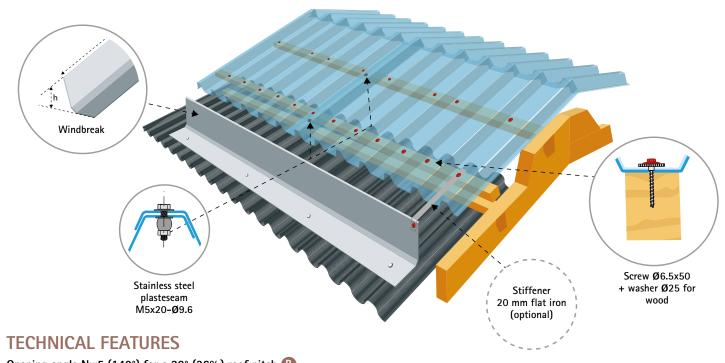
## AN EXCELLENT LUMINOSITY:

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

## AN INCREASED MECHANICAL RESISTANCE TO:

- + Hail
- + Pebble projections

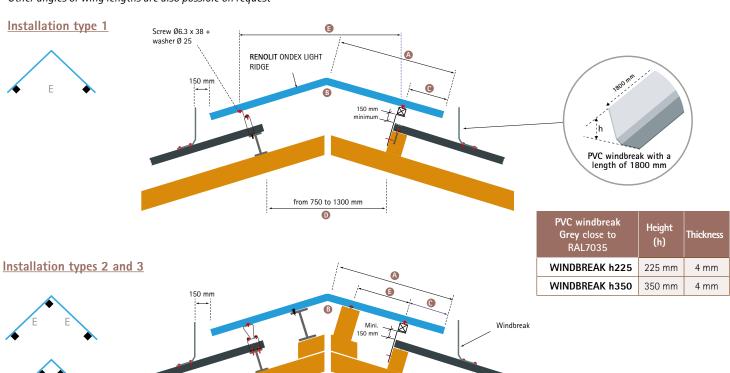
## + INSTALLATION WITH A WINDBREAK



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

(A) Wing length in mm	C Lower ridge overhang	D Shaft width	E Purlin distance	Installation type
600	100 to 200	750 to 950	750 to 950	
800	100 to 200	950 to 1300	950 to 1300	E
1000		1300 to 1700	900	<u> </u>
1200		1700 to 2100	1100	EE
1400	100 to 300	2100 to 2400	1300	<b>♦</b>
1600	100 to 300	2400 to 2800	980	^
1800		2800 to 3200	1100	E E
2000		3200 to 3600	1240	<b>*</b> • • • • • • • • • • • • • • • • • • •

Other angles or wing lengths are also possible on request

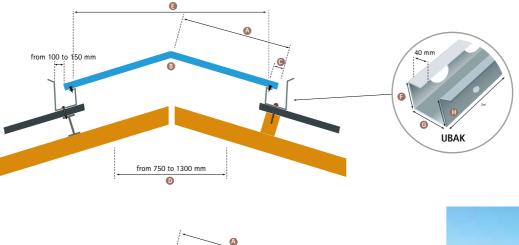


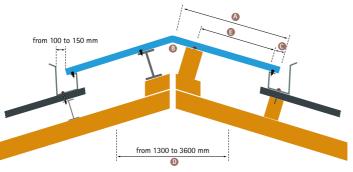
from 1300 to 3600 mm



### **TECHNICAL FEATURES**

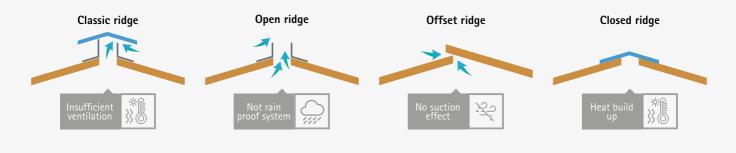
UBAK with a length of 3 m		G	H	Thickness	Ventilation cm <sup>2</sup> /LM
UBAK 500 : for buildings with gabled roof < 15m wide		150 mm	150 mm	1 mm	1050
UBAK 750 : for buildings with gabled roof between 15 and 25m wide		210 mm	250 mm	1.5 mm	2210







#### **EXISTING SOLUTIONS**

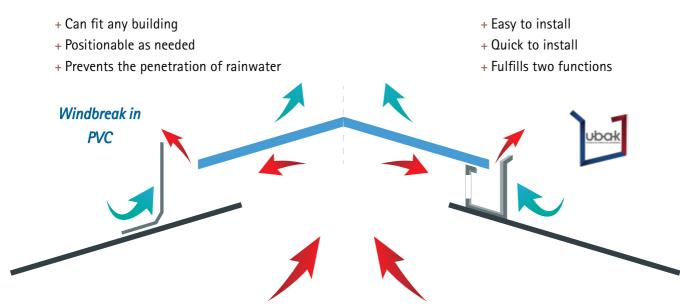


### TWO SOLUTIONS

+

For an optimal natural ventilation

## FOR NEW BUILDINGS OR RENOVATION OF EXISTING BUILDINGS



Discover Ubck®, 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.



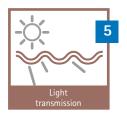


## 7 GOOD REASONS FOR CHOOSING **RENOLIT ONDEX**



### **VERY HIGH IMPACT RESISTANCE**

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



### **SUITED LIGHT TRANSMISSION**

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



### NO SPREAD OF THE FIRE AND **NO DROPLETS**

As the **RENOLIT** ONDEX sheets are selfextinguishing and retractable, they facilitate the smoke evacuation.



### **PVC IS RECYCLABLE AND** RECYCLED MATERIAL

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



### POSSIBLE USE ON THE **FOLLOWING SITES**

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



### **EVEN AT LOW TEMPERATURES**

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



#### 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.

**RENOLIT Ondex** Avenue de Tavaux 21800 Chevigny-Saint-Sauveur Tel +33 (0)3 8046 8006 Fax +33 (0)3 8046 8002

