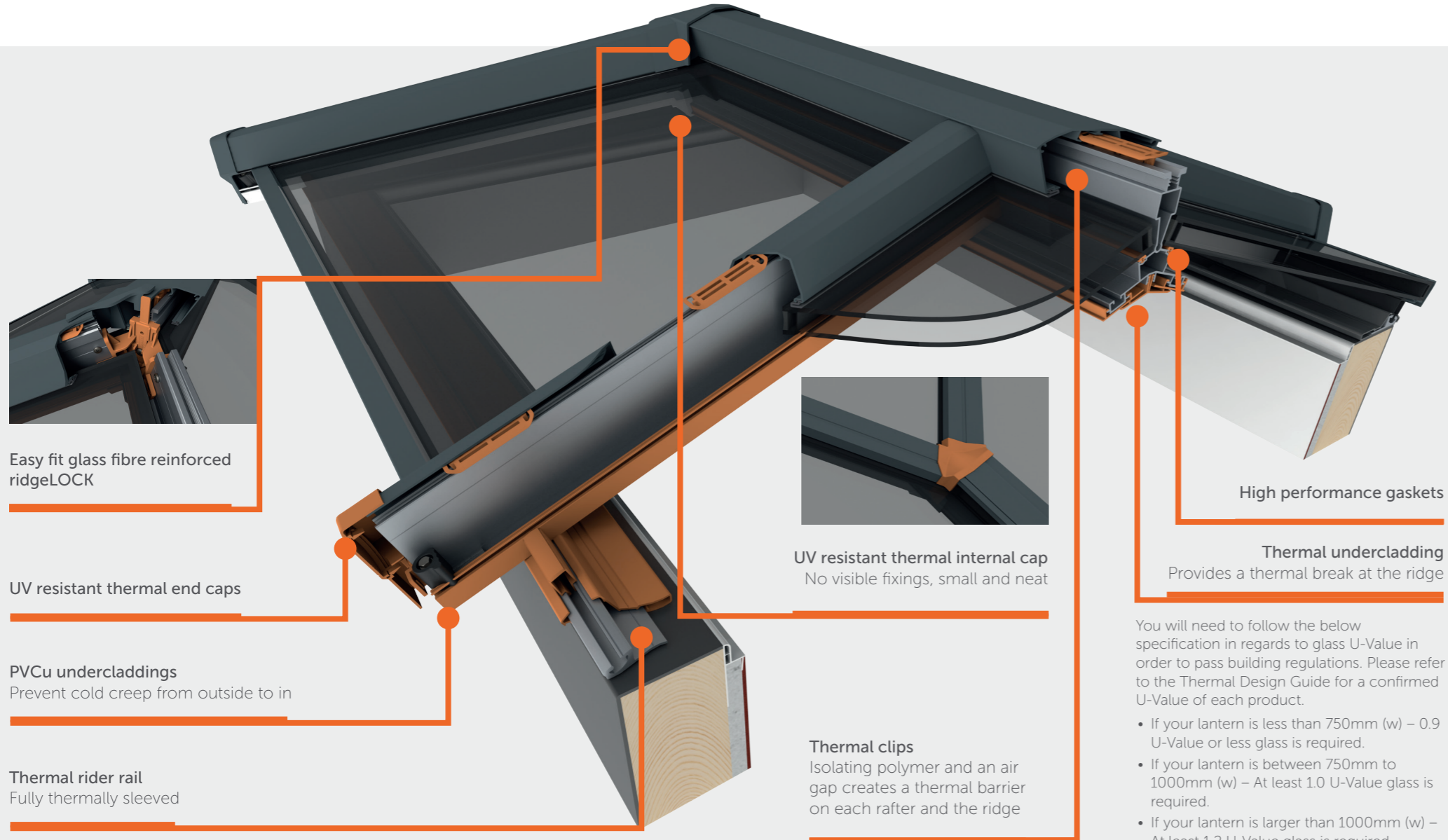


# Thermal Aluminium Lantern



Easy fit glass fibre reinforced ridgeLOCK

UV resistant thermal end caps

PVCu undercladdings  
Prevent cold creep from outside to in

Thermal rider rail  
Fully thermally sleeved

UV resistant thermal internal cap  
No visible fixings, small and neat

Thermal clips  
Isolating polymer and an air gap creates a thermal barrier on each rafter and the ridge

High performance gaskets

Thermal undercladding  
Provides a thermal break at the ridge

You will need to follow the below specification in regards to glass U-Value in order to pass building regulations. Please refer to the Thermal Design Guide for a confirmed U-Value of each product.

- If your lantern is less than 750mm (w) – 0.9 U-Value or less glass is required.
- If your lantern is between 750mm to 1000mm (w) – At least 1.0 U-Value glass is required.
- If your lantern is larger than 1000mm (w) – At least 1.2 U-Value glass is required.

High quality at low prices

NEW Aluminium Internals Suite



Simple, Stylish Roof Lanterns



## Natural light, neat design

A Wendland roof lantern provides a stunning focal point for any kitchen, living room or dining room. Designed to draw plenty of daylight into your room with its 20° pitch, a Wendland lantern makes your new room bright and airy. Thanks to a strong ridge the Wendland lantern has less bars than other lanterns and with a host of clip-on features there are no visible fixings. Put simply, this means that the lantern looks both neat and stylish.

Wendland lanterns are packed with thermal features to avoid condensation build-up. From the thermal rider rail to the thermal clips, these features combine to ensure excellent performance, especially important in a kitchen where heat levels can change quickly.

Made to measure, the lanterns are perfect for any flat roof extension or orangery and are available as standard aluminium or PVCu in grey, white, black or in any RAL colour. Available in rectangle and square.

## Fitter friendly

Wendland roof lanterns are designed to be easy and fast to fit so you can move in to your new room quickly reassured by the high quality of a Wendland lantern.

- Unique pre-assembled ridgeLOCK system
- Clip-on ridge end covers
- Pre-fitted thermal clips
- Easy-fit clip-on capping



✓  
Less bars than other lanterns

✓  
No visible fixings

✓  
High thermal performance

High quality at low prices

## Your own space

**Lantern Design:** Wendland lanterns are made to measure and supplied with the least number of rafters as shown below. **Projection**

	500	750	1000	1250	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000
500	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
750	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
1000	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
1250	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
1500	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
2000	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
2500	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
3000	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
3500	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
4000	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green

**Key:** [Color swatches: Green, Purple, Orange, Yellow, Light Green, Blue, Grey, Pink, Teal]

This is for a maximum characteristic snow load of 0.8kN/m<sup>2</sup> or maximum site wind load of 1.0kN/m<sup>2</sup>. More bars may be needed for higher wind and snow loads. Higher specifications can be met on request. \*The customer must ensure that the kerb and surrounding roof can adequately resist the horizontal spread of the lantern.

## Finish

**Material:** Choose from aluminium or PVCu lantern. **Colour:** Standard colours: black, grey or white internal, external finish or available in any RAL colour.



**Glass:** Choose either blue or neutral Wendland Glass.

Feature	Blue	Neutral
Light transmission: % of light transmitted through the glass	42%	45%
Solar rejection: The proportion of the sun's heat that is rejected	60%	60%
U-Value	1.2	1.2
Self cleaning	✓	✓
UV protection: % of suns UV rays that are rejected	83%	78%
Toughened	✓	✓
Argon filled cavity	✓	✓
Warm edge spacer	✓	✓
Specialist roof glass	✓	✓
Guaranteed for 10 years	✓	✓

Wendland lanterns can also be supplied unglazed if you would prefer to choose a different type of glass.

