

ATLAS

MORE SKY LESS ROOF™

Atlas Lantern Fact Sheet

System

Full Aluminium system which is thermally broken

There are 3 rafter depths P401 rafter – 70mm

 P402 rafter – 83mm

 P403 rafter – 100mm

External caps can be flat or moulded, and are available in Aluminium or PVCu

No boss or hood required

The ridge and rafter are a slim line 40mm (slimmest on the market)

Roof pitch available from 17 degrees to 35 degrees

Tie bars

Unique tie bar system No tie bar – up to 2.5metres

 Hidden tie bar – up to 3.8metres

 Rafter tie bar – up to 5 metre (dependant on design)

Roof Vents

Roof vents are available with manual, electric, rain / temperature sensed operation

Standard roof vent is Aluminium outside, PVCu inside and requires a munting bar

Extra charge for fully Aluminium roof vent that sits right under the ridge

Glass Options

The roof can be double glazed with 24mm double glazing or 44mm triple glazing

24mm spec – 4mm neutral / blue active / 16 argon gas filled / 4mm planitherm or low e

24mm spec – 4mm celsius elite / 16 argon gas filled / 4mm low e

44mm spec – 4mm clear / 16mm argon / 4mm planitherm / 16mm argon / 4mm planitherm

U Values

Our ringbeam is thermally broken with a polyamide break

Our rafter is thermally broken and has a U value of 1.5 W/m²k (double glazed)

When triple glazed our rafter has a U value of 0.95 W/m²K (triple glazed)

Rafters are 100% more thermally efficient than any other glass roof on the market

Options

Gutters are available in both PVCu and Aluminium

Full range of RAL colours and dual combinations available

Stock lanterns in white, grey, grey on white, black, and black on white available in 5 working days

Bespoke lanterns in white = 2 weeks, grey and black = 3 weeks, any other = 6 weeks

Installation

The roof is fitter friendly – please see installation video

All roof parts are numbered and cut to size

Typical lantern can be fitted in half a day

As our ring beam of the drip leg no sill is required

Upstands vary between 100mm and 150mm but building control would prefer 150mm

The width of the upstand varies between 67mm and 100mm, 100mm being most common

Sarnafil is a very good membrane