



## Technical Data Sheet

### Pitchridge Roof Window

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**Name:** Pitchridge

**Type:** Fixed ridge roof window

#### Description:

The Pitchridge is a fixed product comprising two panes joined at the ridge using back-to-back angles and silicone seal. The Pitchridge is a fixed roof window designed to provide maximum daylight with minimum visible internal structure. Supplied in either portrait or landscape formats, it is designed to be installed in-plane on pitched roof applications.

A variety of optional extras such as special color and easy clean coating are available.

This product is robust and long-lasting, boasting excellent thermal performance and air tightness.

**Intended Use:** Fixed roof window to provide natural daylight and weather resistance. The product is fixed and does not open.

<b>Internal Finished Opening Dimensions:</b>	Min Span (each side):	~4.5"	Max Span (each side)	160"
	Min Width:	~2.5"	Max Width:	157"
	Min Area (each side):	1 ft <sup>2</sup>	Max Area (each side):	48.4 ft <sup>2</sup>
	Min Roof Pitch (each side):	3-1/4" : 12" (15°)	Max Roof Pitch (each side):	20-3/4" : 12" (60°)
	Min Height of Back-to-Back from Joint: 2.5"			

Note that all stated dimensions and area values are minimum/maximum design tolerances tested in isolation. You must confirm your proposed dimensional requirements with us to ensure your combination of dimensions is achievable. Your technical sales advisor will be able to calculate this for you.

**Glazing:** A wide variety of glazing specifications are available for this product. Your technical sales advisor will be happy to answer any questions regarding specific glass specifications or glazing performance requirements. Otherwise, quotes include suitable and cost effective glazing proposals.

**Standard Colors:** Qualicoat approved RAL 7015 slate grey outer, RAL 9010 pure white inner.

**Performance and Weathertightness:** The aluminum frame of the product employs a dual hardness EPDM insulating gasket to thermally isolate the frame from the interior of the building. Structural integrity is assured through the use of finite element analysis (FEA) and testing.

U-values are calculated for each product and will be supplied in our quote. Further information and specific performance details can be obtained from your technical sales advisor.

This product is sealed to the roof using butyl or silicone and fixed in place with structural fixings which are concealed with internal finishes leaving a sleek external finish.

#### **Certification:**

The product has been thoroughly tested in accordance with AAMA/WDMA/CSA 101/1.S.2/A440-17, and has achieved the following classification results:

Size: 1000 mm (39-3/8") span x 3000 mm (118-1/8") width Pitch: 15° (3-1/4 : 12)

Performance Grade 35 (PG 35)

Test	Standard	Declared Value
Air permeability	ASTM E283	±750 Pa (±15.66 psf)
Watertightness	ASTM E331	750 Pa (15.66 psf)
Wind resistance	ASTM E330	±2400 Pa (±50.13 psf) Serviceability ±3600 Pa (±75.19 psf) Safety

#### **Optional Extras:**

The following optional extras are available for this standard product at additional cost:

<b>Easy Clean Coating:</b>	A coating applied to the external face of the glass that facilitates water run-off. Helps the glass stay cleaner for longer and makes cleaning easier.
<b>Special Color:</b>	This product has separate inner and outer colors as standard. Each can be swapped for a special color.
<b>Flashing Kit:</b>	A kit containing all materials required to flash/weather the product into the surrounding roofing.

**A suite of sales drawings is available.**

**Bespoke options may be available upon request but may incur additional design fees – contact your technical sales advisor for more information.**