



Technical Data Sheet

GLAZING VISION

Pitchridge Roof Window

203-TDS-UK-001 – v1.1 – 18 Jul 2022



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 colour 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.

| | | | | |
|---|--|--------------------|-----------------------|--------------------|
| External Weathered Upstand Dimensions: | Min Span (each side): | 110 mm | Max Span (each side) | 4085 mm |
| | Min Width: | 60 mm | Max Width: | 4000 mm |
| | Min Area (each side): | 0.1 m ² | Max Area (each side): | 4.5 m ² |
| | Min Upstand Pitch: | 15° | Max Upstand Pitch: | 60° |
| | Min Height of Back-to-Back from Joint: 64 mm | | | |

Note that the minimum and maximum span, width and pitch are dependent on various factors, your technical sales advisor will be happy to advise on these. Further information on upstand requirements and product dimensions can be found on our website or by contacting your technical sales advisor.

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 Colours: Qualicoat approved RAL 7015 slate grey outer, RAL 9010 pure white inner.

Performance and Weathertightness: The aluminium 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 upstand using butyl and 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 and is UKCA and CE marked in accordance with EN 14351-1:2006+A2:2016. It has achieved the following classification results:

Size: 1000 mm span x 3000 mm width Pitch: 15°

| Test | Standard | Classification/Declared Value | |
|------------------|----------|-------------------------------|--|
| Air permeability | EN 12207 | Class 4 | ±750 Pa |
| Watertightness | EN 12208 | Class E750 | 750 Pa |
| Wind resistance | EN 12210 | Class E2400 | ±2400 Pa Serviceability ±3600 Pa Safety |

Visit our website or contact your technical sales advisor for certification documentation.

Optional Extras:

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

| | |
|---------------------|--|
| Easy Clean Coating: | 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. |
| Special Colour: | This product has separate inner and outer colours as standard. Each can be swapped for a special colour. |
| Flashing Kit: | 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.