



Technical Data Sheet

GLAZING VISION

Flushglaze Triple Glazed Rooflight

FG-TGU-TDS-v1.3-13.04.2017

Code: 402 Glazing Vision Fixed Flushglaze Rooflight (Triple Glazed)

Intended use: Improving natural daylight

Fixed glazing system comprising of Qualicoat approved powder coated aluminium extrusion and insulated triple glazed unit.

Designed to be installed between 3° and 70° from horizontal.

No visible fixings. Achieved using Glazing Vision designed clip detail which obscures structural fixings leaving a completely flush external finish.

Optional kerb trim cover designed to mask the top of upstands which may be visible through glass when viewed from above, includes detail to recess standard plaster board.

Available in either single 'solo' format or modular arrangements allowing larger expanses of glass to be formed from multiple sections.



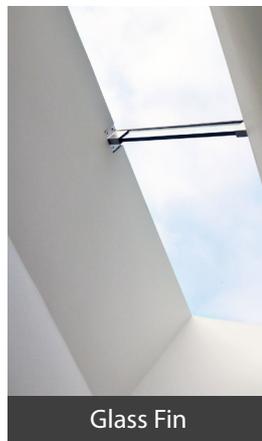
Solo Flushglaze



Silicone Seal



Back to Back Angle



Glass Fin

The Flushglaze rooflight system is available in several variants:

- Solo
- Modular with silicone seals
- Modular with aluminium back to back angles
- Modular with glass fins
- Wall abutment detail - maximum three sides
- Circular
- Bespoke shapes (design fees apply)
- Double glazed
- Walk on specification
- Fire rated
- Eaves system
- Ridge system

Circular and bespoke shaped options are available on request and may incur additional design fees.



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Typical Flushglaze critical kerb dimensions*

Minimum Height:	150mm	Minimum Thickness:	75mm
Minimum Span:	450mm	Maximum Span:	4200mm
Minimum Width:	450mm	Maximum Width:	4200mm*
Minimum Pitch:	3°	Maximum Pitch:	70°

*Maximum per section for multi part units

Maximum kerb area and rooflight size is dependent on glass specification and other factors, details above are typical examples of triple glazed unit with outer pane up to 8mm. If larger sizes are required we recommend contacting our technical sales team for further guidance.

Kerbs should be constructed in accordance with manufacturers recommendations.

Extruded aluminium framework with a combination of silicone, butyl and rubber seals.

Supplied as standard with Qualicoat approved powder coated finish in RAL7015 Slate Grey.

Other colours from RAL colour chart available on request/dual colour option available on modular arrangements.

Secured to kerb with structural fixings and butyl adhesive.

Typical glass specification

Outer: 6mm heat soak tested clear toughened low E.
Spacer: 14mm warm edge Black silicone sealed argon filled cavity.
Middle: 6mm heat soak tested clear toughened low E.
Spacer: 14mm warm edge Black silicone sealed argon filled cavity.
Inner: 9.5mm heat strengthened laminated.

Other glass specifications such as triple glazed and solar control variants are available on request which allow for larger single pane sizes or alternative performance characteristics - contact our technical sales team to discuss your requirements.

Standard drawing references

402-ASS-024	Triple glazed Flushglaze typical detail
402-ASS-031	Multipart triple glazed Flushglaze with glass fin across fall (K-K)
402-ASS-032	Multipart triple glazed Flushglaze with glass fin 3°-5° (K-K)
402-ASS-033	Multipart triple glazed Flushglaze with glass fin over 5° (K-K)
402-ASS-034	Multipart triple glazed Flushglaze with glass fin across fall (W-K)
402-ASS-035	Multipart triple glazed Flushglaze with glass fin 3°-5° (W-K)
402-ASS-037	Triple glazed Flushglaze with silicone joint
402-ASS-038	Triple glazed Flushglaze with back to back angles
402-ASS-039	Wall abutment detail (DGU) for pitches greater than 5 degrees



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Secured by Design



This product has been attack tested by the Building Research Establishment in Watford to LPS2081 Issue 1:2015 issued by the Loss Prevention Certification Board (LPCB) in order to comply with the Building Regulations approved document Q: security in dwellings.

Further information can be found at redbooklive.com

The unit has also been approved Secured by Design, the official UK Police flagship security initiative working with industry test houses to create and test high level security standards in response to trends in crime.

This scheme is set up to make it easy to recognise individual products prior to purchase and offer peace of mind that those products have been tested to a national standard that is recognised by Building Control.



LPS 2081: Issue 2
Cert/LPCB ref: 1347a

Powder coated profiles undergo a thorough series of laboratory tests in order to achieve standards set out by Qualicoat, Zurich.

Glazing Vision are an approved Qualicoat Applicator, licence no. 1017, and can thus pass on the full paint warranty from the manufacturers of the powder coat we use which is the Akzo Nobel Interpon D1036 or D2525 range.



Product is available with Ritec Clearshield™ an award-winning system which has been specifically developed for the renovation, protection and maintenance of both new and already installed glass, making it easier to clean and keep clean whilst resisting staining and discoloration caused by tree sap, bird lime and atmospheric pollution.



Independently performance tested by the British Board of Agrément. The Flushglaze rooflight had to undergo a rigorous testing regime to achieve certification that not only included weather testing but also testing for security, thermal performance, structural integrity and durability of the paint finishes and sealants used.



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