

GV Standard Walk-On Internal Flushglaze

Installation Instruction and Maintenance Manual

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Introduction

Thank you for purchasing a Glazing Vision Internal Walk-On Flushglaze (*Figure 1*). We hope that it gives you many years of trouble free service. The Flushglaze is available as an internal unit pictured below or as a series of multi-part units to create a larger rooflight. Flushglaze is available with a range of glazing options including walk-on units, fire rated units and triple glazed units. Should you have any queries beyond this manual please do not hesitate to contact us.



Figure 1 – Internal Walk-On Flushglaze



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Registered in England and Wales Reg No. 2987024

Delivery

The Flushglaze unit should arrive on site in undamaged packaging consisting of sterling board edge protection and polyfoam to protect the glass. The complete package will be securely wrapped using Glazing Vision branded packing tape. A separate box containing the installation hardware should also be received. Please inspect the packaging and unit and advise Glazing Vision within 48 hours from signing the receipt of your delivery of any damage or shortfall.

Standard Installation Hardware:

Enclosed within the hardware box for each unit you should find a quantity of the following:

M5.5 x 50 countersunk
Pozidrive woodscrews:



Pre-Installation

Please ensure all pre-installation checks are carried out prior to commencing installation.

CAUTION: Rooflights can be very heavy. Consideration should be made for transporting the product to the designated installation area, and extreme care taken during installation.

Pre-installation aperture checks

After checking you are in receipt of the required installation hardware and appropriate Flushglaze(s) it is important to ensure the area of installation is suitably prepared. The area surrounding the aperture should be clear to provide safe access during the installation works. If working at heights ensure that all safety systems are in place. The aperture should be checked for specification and dimensional accuracy - see drawing **402-ASS-050**.

Installation

Installation may vary slightly depending on your unit specification and/or finishes. In order for the unit to sit flush with flooring it is important that the kerb construction be consistent with the dimensions on the construction drawing – see **402-ASS-050**.

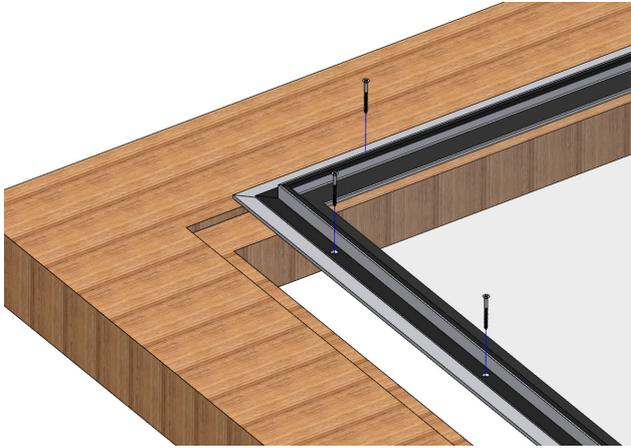


Figure 2 – Securing the Internal Walk-On Flushglaze unit to the kerb.

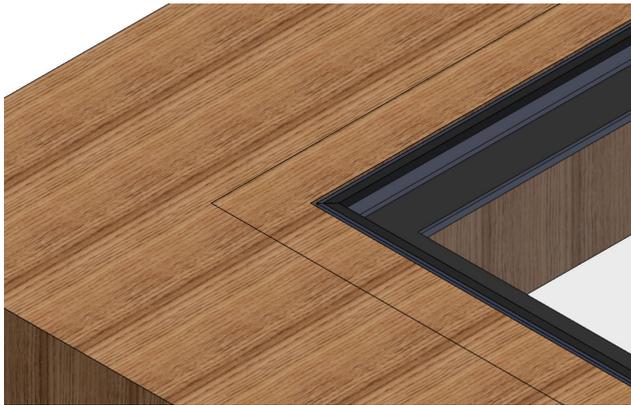


Figure 3 – Installation completed, the final Flushglaze product.

1. Ensure that the pre prepared face of the lower channel is flat and square, and does not have any undulations across the surface. Failure to prepare the face adequately could result in a poorly fitting product, and at worst, a broken glazing unit when the product is fully secured to the floor.
2. Carefully place the unit down over the opening. Ensure that the outer glass face sits flush with the flooring across all four corners before securing with countersunk screws (supplied).
3. Pack the void between the rooflight flange and underside of the existing flooring with a sufficiently supporting material (plywood, flooring offcuts etc.) Before securing final floor finishes, paying attention to leave approx. 3mm gap between the flooring and inner frame upright (See dwg **402-ASS-050**)
4. Fill the cavity between the frame and flooring with an appropriate floor sealant/grouting product. Glazing Vision suggests silicone, or a non-adhesive product, in the unlikely event repair or replacement of the unit should arise.

Standard Glass Specification

The glazing unit used within the Walk-On Flushglaze is a two part laminate, measuring 25.5mm total thickness. The unit consists of two toughened, laminated, heat soak tested glass panes with a PVB laminate sandwiched between the two.

Various other glass specifications are available at time of order. If specific data is required for the glazing please contact Glazing Vision for a glass data sheet for the specification installed within your walk-on unit.

Breakage Instructions

Should the glazed unit break for any reason, it is imperative that **USE OF THE WALK-ON UNIT CEASE IMMEDIATELY.**

Each pane of the Walk-On glazing unit is designed to take the rated load. In the event of one pane being broken whilst a person is standing on the unit, there is no immediate risk of full failure of the unit. In this state, however, there is no redundancy in the unit – if the second pane were to be broken **SERIOUS INJURY OR DEATH COULD OCCUR.**

Glass breakage is not covered in the product warranty unless the breakage is a direct result of Glazing Vision Limited or its product failing. In the event of the glass being damaged please contact Glazing Vision to order a replacement.

General Maintenance & Safety

To make sure the Flushglaze unit remains in good working order; there are a few basic points that should be observed.

- For Walk-On specification units, take care when walking over the unit especially in wet conditions. Glass can become extremely slippery even with a surface finish (for example sand blasted)
- Do not use any abrasives or aggressive cleaners on the unit as this may affect the powder coated finish and the glass finish.

Service Contract

It is recommended that a general inspection is carried out on the unit at least once every 6 months. Glazing Vision, if required, can offer a service / maintenance contract. Please contact our office for further details.

Cleaning of the Unit

The combination of the Flushglaze's unique bonding method and a kerb constructed to at least 3°, ensures there is no water ponding on the glass avoiding watermarks and unsightly staining. To clean the glass, any standard glass-cleaning product can be used. Routine cleaning of the powder coated finish must be implemented for the warranty to be valid, and a record of cleaning schedules will be required in the case of a claim. This should be done every 6 months.

The best method of cleaning is by regular washing of the coating using a solution of warm water and mild detergent. All surfaces should be cleaned using a soft cloth or sponge, using nothing harsher than natural bristle brushes. If atmospheric pollution has resulted in heavy soiling of the coating, then nothing harsher than white spirit should be used. Under no circumstances should chlorinated hydrocarbons, esters, ketones or abrasive cleaners be used.

COSHH and Safe Disposal

There are no hazardous materials used in the construction of the Flushglaze. When disposing of the Flushglaze unit, please recycle wherever possible. The following materials are used throughout the unit:

- Polyester powder coated finish
- Butyl tape
- Stainless steel fixings
- Low modulus silicone
- Toughened glass panes
- Polyurethane adhesive (glass to frame)
- PVB laminate interlayer
- Polyethylene backing rod
- PVC foam tape

Product Warranty

For assistance: call 0333 8000 881, fax 0333 8000 882, or email customerservices@glazing-vision.co.uk

1. Conditions of the Warranty

Glazing Vision Ltd will only Warranty roof lights which:

- a. Have been purchased directly from Glazing Vision Ltd, and
- b. Have been installed by Glazing Vision Ltd , or
- c. Are judged by Glazing Vision Ltd to have been installed according to Glazing Vision Ltd's instructions, and
- d. Are judged by Glazing Vision Ltd to have been maintained according to Glazing Vision Ltd's instructions.

2. Extent of Warranty

- a. The Warranty is effective from the date of supply of the roof light by Glazing Vision and shall continue for the period specified in "Terms of Warranty" in section 3 below.
- b. The validity of any claim under the terms of this Warranty in respect of any defect covered by this Warranty will be subject to inspection of the faulty parts by Glazing Vision Ltd.
- c. The Warranty covers the free of charge repair or replacement of any component deemed defective resulting from poor workmanship subject to the "Conditions of the Warranty" in section 1 above.
- d. Glazing Vision Ltd will meet all travel costs of its technicians relating to travel within mainland United Kingdom. However, all reasonable travel costs incurred by Glazing Vision Ltd's technicians relating to travel to and from any destination where the roof light is located outside of mainland United Kingdom (including all reasonable accommodation and sustenance expenses properly and necessarily incurred by the Seller's technician) will be borne in full by the customer. Glazing Vision Ltd will meet all labour costs of removing the defective part and of refitting the replacement part.
- e. The Warranty will not cover the cost of a Glazing Vision technician visiting your home or location if there is no fault found with the roof light. In such cases, this cost will be charged at the current daily rate.
- f. Any components removed from the roof light and replaced automatically become the property of Glazing Vision Ltd.
- g. If the roof light is deemed uneconomical to repair by Glazing Vision, the cost of removing, replacing and reinstalling the unit will be met by Glazing Vision subject to the following exclusions:
 1. the cost of providing any crane or lifting equipment access for the replacement unit to the upstand or the arrangement;
 2. the cost of any Health & Safety requirements during access and replacement of components or roof lights to the upstand or arrangement;
 3. the cost of providing any crane or lifting equipment if required to move the replacement unit from the delivery vehicle to the upstand;
 4. the cost of arranging for the closing of any highway or other access road (if applicable),
 all of which shall be the sole responsibility of the customer.
- h. The Warranty will not cover :
 1. Any consequential or subsequent loss of any nature.
 2. Any failure or defect outside of the period of Warranty cover specified in "Terms of Warranty" in section 3 below.
 3. Any failure caused by an accident or any other external cause where external cause includes, but is not limited to fire, theft, attempted theft, or explosion.

4. Any failure arising from, or caused, directly or indirectly, by any abuse, misuse or other improper use of the roof light, including but not limited to breakage or damage
5. Any failure caused by walking on a unit that is not specified as 'walk on glass'
6. Any claim arising, directly or indirectly, from:
 - (a) Wear and tear, gradual deterioration or corrosion.
 - (b) Any process of cleaning not done in accordance with the Operating and Maintenance instructions for the roof light.
 - (c) Scratching or chipping of powder coated or painted framework.
 - (d) Maintenance, overhaul, repair or attempted repair or modification or any loss or damage caused by them, where the work is not carried out by Glazing Vision.
 - (e) Atmospheric or climatic conditions, moths, insects, birds, vermin, fungus
7. Any claim of whatever nature directly or indirectly caused by, or contributed to, or arising from:
 - (a) Impairment of the roof lights operation or performance as a result of local obstacles causing interference with the operation.
 - (b) Any loss caused by acts of war, terrorism, nuclear explosion, sonic boom or radioactivity.
 - (c) Any loss resulting from pressure waves caused by aircraft and other aerial devices travelling at sonic or subsonic speed.
 - (d) Any loss resulting from any item or substance falling from an aircraft and other aerial devices.
8. Any claim where the roof light, any defective or faulty component or any other part of the roof light has not been retained by the customer for inspection by Glazing Vision Ltd.
9. The cost of providing access or Health and Safety requirements for access to the unit or any replacement parts or unit to the upstand or the arrangement and cost of any crane or lifting equipment to move a replacement unit or parts from the delivery vehicle to the upstand the cost of arranging for the closing of any highway or other access road (if applicable).
10. Travel costs of the visiting Glazing Vision technician(s) incurred outside mainland United Kingdom (including all reasonable accommodation and sustenance expenses properly and necessarily incurred by Glazing Vision Ltd's technician).

3. Terms of Warranty

- a. This Warranty is for the following periods:
 1. 2 years for roof light (installed by others)
 2. 10 years for roof light (installed by Glazing Vision)
- b. The term commences from the date of supply by Glazing Vision.
- c. The Warranty is not transferrable.
- d. Replacement of components under the Warranty does not affect the term of the Warranty.
- e. The Warranty will terminate if any work is requested and there is found to be fraudulent representation of the facts.
- f. The Customer may purchase a separate Service Agreement for a roof light which has been installed by Glazing Vision. The periods of each Service Agreement are fixed twelve month increments commencing on anniversary of the date of supply by Glazing Vision. If you would like receive a copy of the Service Agreement and discuss signing up to the Service Agreement please contact the Glazing Vision head office.
- g. Subject to the terms and conditions of the Service Agreement, the period of Warranty on a roof light is extended for the period of the Service Agreement.
- h. Subject to section 3a. above, the Warranty will terminate immediately upon termination of the corresponding Service Agreement.

4. Claims

- a. All claims must include proof of valid Warranty or proof of purchase
- b. The Warranty claim must be made as soon as reasonable possible after the fault becomes apparent.
- c. Claims will be processed using telephone, e-mail or with the Glazing Vision Customer Complaint form which is available on request or may be downloaded from www.glazing-vision.co.uk
- d. The completed form must be sent to Glazing Vision by –

E-mail: customerservices@glazing-vision.co.uk

Facsimile: 0333 8000 882

Letter: Customer Services, Glazing Vision Ltd. Sawmills Road, Diss IP22 4RG