GLAZING VISION

GV Standard 3 Wall Box

Installation Manual

GV Standard 3-Wall Box Rooflight

Installation Manual

Introduction

Please note that it is important to read this section before commencing installation.

1. The rooflight should arrive on site undamaged. All packaging especially the edge protection should be inspected as soon as the rooflight is delivered. If the packaging or product is damaged please advise Glazing Vision immediately.
2. Supplied with the rooflight will be a site hardware box. This will include fixing screws, silicone, plastic packers, O&M manual, override Allen key and the remote control (if this has been specified).
3. The power and switch flying leads should be coiled up on the inside of the unit and be connected directly into the rooflight control panel. These leads should be clearly marked (please note: do NOT connect any power to the switch cable).
4. Please refer to Glazing Vision wiring details drawing 606-ASS-101, which shows the connection of the flying leads and any options that may have been ordered.
5. The kerb should already be in place for the unit. The kerb must be built to the detail shown on 606-ASS-107.

Installation procedure

1. Once the kerb has been checked for accuracy against drawing 606-ASS-107, the unit can be installed. Please make sure that all weathering is sound and that the top surface of the kerb if flat and level.
2. The general layout of the rooflight and the direction in which it slides can be seen on our drawings 606-ASS-102, 606-ASS-103, 606-ASS-104, 606-ASS-105 and 606-ASS-106.
3. The rooflight will come on a timber support frame. Strops should be used around the timber and rooflight framework to lift the unit to the roof and put down next to the installation area.
4. Two generous runs of silicone (supplied by Glazing Vision) must be applied to the top surface of the kerb for the unit to bed onto. This will seal the unit to the kerb – please ensure alignment of any cable points. A temporary support bar fixed to the rear wall at the correct height will ensure the unit does not topple into opening when lifted into place.
5. Next shackles can be used and attached to the supplied steel lifting frame. Once attached, the fixings to the timber support frame can be removed and the unit can be lifted into place.
6. The fixing points for the unit are along the 3 wall mounted edges and to the top of the kerb. The fixings supplied should be suitable for the type of supporting wall and kerb constructed, however construction agreed at the start of the project. Deviation from this agreed construction will require suitable fixing to be supplied by the contractor.
7. Centralise the unit in the opening and carefully remove the lifting frame. Fix the unit in place starting with the rear wall edge (it may be necessary to remove the flashings). Use the plastic packing shims provided in the site kit where necessary to ensure that the framework is not distorted in any way by the fixings as this may affect the opening action. Next fix the unit to the top of the upstand, it will be necessary to remove the treadplate to access some of the fixing holes.
8. Now fix the top sides in position following the same procedure as the rear wall. Finally open the door to gain access to the wall fixings for the sealing edge.
9. The temporary support beam can now be removed, and a continuous bead of silicone should be run around the inside and outside of the product (between the product and the kerb/wall).

10. The flashings can now be affixed to the product, and silicone along the joins. Then unit should now be flashed in using lead or similar (not done by GV).
11. If a proximity sensor has been ordered, the beam must be clear from any debris including dirt on the sensor lens. If this is not clear the unit will fail to close (as this is a safety device). Alignment of the sensor beam can be checked by the small light found on top of the device. If the light is visible then the sensor is blocked in some way and the line of sight from sensor to reflector should be cleared.
12. The motor override can be accessed through the treadplate at the rooflight exit using the supplied 8mm Allen key. Following the instructions in the O&M manual the motor can be disconnected from the drive system and the door opened manually.

For further information on care and material specification, please refer to separate operating and maintenance instructions.