

# Flat Glass Access Hatch

## NBS159

Brett Martin Flat Glass Access Hatch  
NBS Specification

**Consult Brett Martin Daylight Systems early in the design process as we can provide in-depth assistance with design and specification.**

Brett Martin Daylight Systems' Flat Glass Access Hatch rooflights are powered access hatch rooflights intended for installation on flat roofs of all modern building types to provide access to roofs and natural light.

The double-glazed glass panel is encased in a powder coated aluminium frame and mounted on a PVC kerb via concealed hinges and tandem 24V actuators. Units have an opening angle of 77° or 93° depending on size (see technical datasheet for more detailed information).



- Flush glass premium access hatch rooflight.
- Available in sizes from 1000 x 1000mm up to 1500 x 1500mm square or 2000 x 1000mm rectangle.
- Units supplied with 24V tandem actuators and 300mm high PVC kerb.
- Optional 230V AC to 24V DC transformer with rocker switch.
- Optional wind and rain sensor.
- $U_{rc}$ -Value of 1.72-1.73 W/m<sup>2</sup>K.
- Tested to be non-fragile to CWCT TN-67 (for class 1 roofs)\* and Class B non-fragile to ACR[M]001.\*\*
- For ease of installation the tapered kerb foot does not require timber fillets and an integral clamp holds the roofing membrane or felt in place.

*\*Sizes over 1200x1200 or 2000x1000 tested to CWCT TN67 for Class 2 roofs*

*\*\*When new and fully installed to Brett Martin Daylight Systems installation guides*



**Consult Brett Martin Daylight Systems technical literature for further details.**

**Full NBS Specification clause on Page 2**



[brettmartin.com](http://brettmartin.com)

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<b>Manufacturer:</b>	Brett Martin Daylight Systems Ltd., Sandford Close, Aldermans Green Industrial Estate, Coventry, CV2 2QU. Tel: 024 7660 2022 Fax: 024 7660 2745. <b>Email:</b> daylight@brettmartin.com <b>Web:</b> www.brettmartin.com
<b>Product ref:</b>	Brett Martin Flat Glass Access Hatch
<b>Type:</b>	Sleek, contemporary aesthetics inside and out with tandem 24V actuators and key operated isolator switch.  <b>Control options:</b> None (24V control by others) / 230V AC to 24V DC transformer with rocker switch / 230V AC to 24V DC transformer with rocker switch plus wind and rain sensor
<b>Size:</b>	Rooflight size in mm equals roof opening size: 1000 x 1000 / 1050 x 1050 / 1200 x 1050 / 1200 x 1200 / 1350 x 1050 / 1350 x 1200 / 1350 x 1350 / 1500 x 1000 / 1500 x 1050 / 1500 x 1200 / 1500 x 1350 / 1500 x 1500 / 1650 x 1050 / 1650 x 1200 / 1650 x 1350 / 1800 x 1050 / 1800 x 1200 / 1800 x 1350 / 1950 x 1050 / 2000 x 1000. Non-standard sizes also available (...mm x...mm roof opening).
<b>Frame:</b>	Aluminium Powder Coated RAL 7016 grey / RAL 9005 black Thermally isolated rooflight assembly minimises the risk of condensation.
<b>Kerb:</b>	Rigid Multiwall PVC kerb, designed to fit directly to roof structural element (by others), incorporating integrated roof covering clamp for ease of installation. Maximum roof covering termination height of 300mm.
<b>Glazing Details:</b>	Double-Glazed flat glass (6mm toughened outer –(90%) Argon filled spacer – 6.8mm / 7.5mm / 9.5mm / 11.5mm laminated inner (depending on size) Light transmission: 77% - 79% / Light Reflection: 12% Glass is designated Class A to EN13501 part 1, as it is included in the list of CWFT (classified without further test) materials published in the Official Journal of the EU (see European Commission Decision 96/603/EC). These rooflights are glazed with a 6mm toughened outer pane and can therefore be regarded as having a B <sub>ROOF(t4)</sub> classification as per English building regulations.
<b>Other Requirements:</b>	10 year commercial products warranty available.
<b>Fixing:</b>	In accordance with Brett Martin Daylight Systems' fixing recommendations. Fixings included to attach kerb to timber deck.