



NBS Project Specification – Automatic Opening Vent

L20 Doors / Shutters/ Hatches

- Manufacturer: Astrofade Ltd. Sales Agent Scotland, Brownlie Partners,
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- Product reference: Astrofade Automatic Opening Vent

- Type: Automatic Opening Vent for all types of flat/pitched roofs

- Designed and manufactured to: BS EN 6375 Weather Tightness
 BS EN 1026 Air Permeability
 BS EN 1873 Water Tightness of Polycarbonate Rooflights

- Frame: Aluminium to BS147;1987 Alloy 6063-T6

- Colour: To any standard RAL colour

- Finish: Mill finish or Polyester powder coated to BS6496:1984 Interpon D range, 25 Year life expectancy

- Gaskets: To BS EN 3302-1:2014

- Sealants: To BS EN ISO 11600: 2003+A1:2011 Neutral cure silicone with high movement accommodation

- Kerb: **Option 1 - To be flashed in with roofing membrane by others**

Aluminium 300mm high
Polyester powder coated white internally
External installation
To be flashed in with roofing membrane

Option 2 - To be fixed to builders kerb by others

Aluminium 150mm high
Polyester powder coated white internally
Double skin insulated aluminium
Includes weather drip

- Top:

Option 1

Double skin insulated aluminium
U-value: 0.7w/m2K

Option 2 - Makrolon UV 2099 Longlife Polycarbonate sheet with 10 year warranty for weather resistance and retention of mechanical properties, 3mm UV solid polycarbonate per skin

Fire Rating: Rated to BS476 Part 7: Class 1Y

Light transmission: Double skin 78%, Triple skin 73%

U-value: Double skin 2.7W/m2K, Triple skin 1.8W/m2K

- Fragility: Non fragile Class B to ACR(M)001:2014, Test for Fragility of Roofing assemblies

- Guarantee: Astrofade guarantee the product against faulty materials for 20 years, and will rectify the defect without charge to the customer

- Sizes: Width and length to site sizes

- Opening: Unit complete with 2 no. 24v electric openers (all wiring by others)

- Operating Requirements: Control panel which includes 1 No. OSO window controller type 1 305 x 192 x 125 mm with batteries, 1 No. OSO 1.0 node assembly, 1 No. OSO firemans override switch, 1 No. standard smoke detector

- Fixing: As per manufacturers instruction