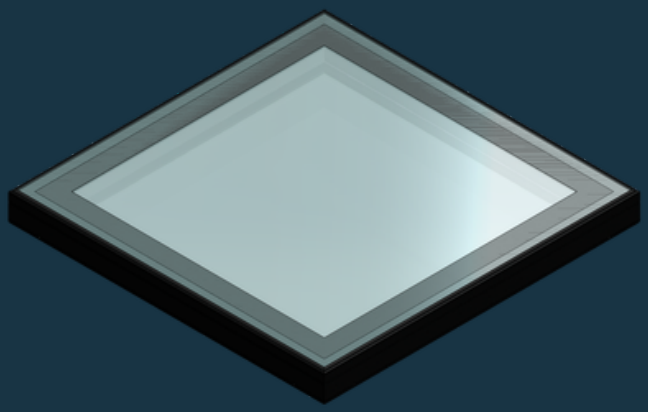
Roof Maker
Technical Data Sheet

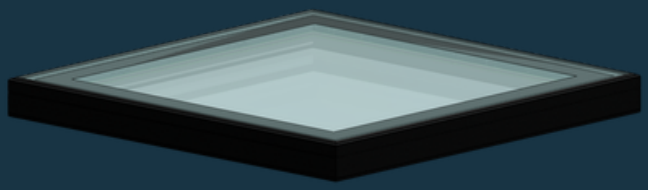
Frame Details

Manufactured from marine-grade, thermally broken aluminium, the frame is powder-coated in Black (RAL 9005) or Anthracite Grey (RAL 7016) and incorporates an insulated foam for enhanced thermal efficiency. The robust frame construction delivers outstanding strength and rigidity, while the ultra-slim design with minimal profile support creates a clean contemporary finish and maximises natural daylight.

Ug-Value		Solar Factor
1.0 W/m²K (double glazing) 0.5 W/m²K (triple glazing)		0.689
Light Transmission	**Noise Attenuation**	**Upstand Pitch**
64% - double 49% - triple	35db	5° to 15°

The rooflight must be installed on a minimum 150mm-high upstand. Please follow our installation guide





	Weather Resistance	Water Tightness	Air Permeability
Classification	4	E750	4
Test Standard & Classification	BS EN 12211:2000 BS EN 12210:2000	BS EN 1027:2000 BS EN 12208:2000	BS EN 1026:2000 BS EN 12207:2000
Maximum Pressure Tested	1600 Pa	750 Pa	600 Pa

Independently tested by the BBA & Wintech

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Roof Maker
Technical Data Sheet

Glass Specification

- Choice of double or triple glazing
- **20-year IGU seal warranty as standard**
- Tested to BS 6375 Pt 1 weather resistance standard
- Our glazing is tested to BS EN1279 parts 2 & 3
- Ug-values of 1.0 W/m²K (double glazing) and 0.5 W/m²K (triple glazing)
- 6mm toughened low e-soft coat inner
- 6mm toughened outer glass with a 90mm ceramic black border that protects the glass seals from UV damage
- 16mm argon-filled cavity with black warm-edge spacer
- 28mm double & 50mm triple glazed unit profile

Sizes

Available in 10 standard sizes, with **bespoke sizes** on request

Product weights may vary by ± 10%

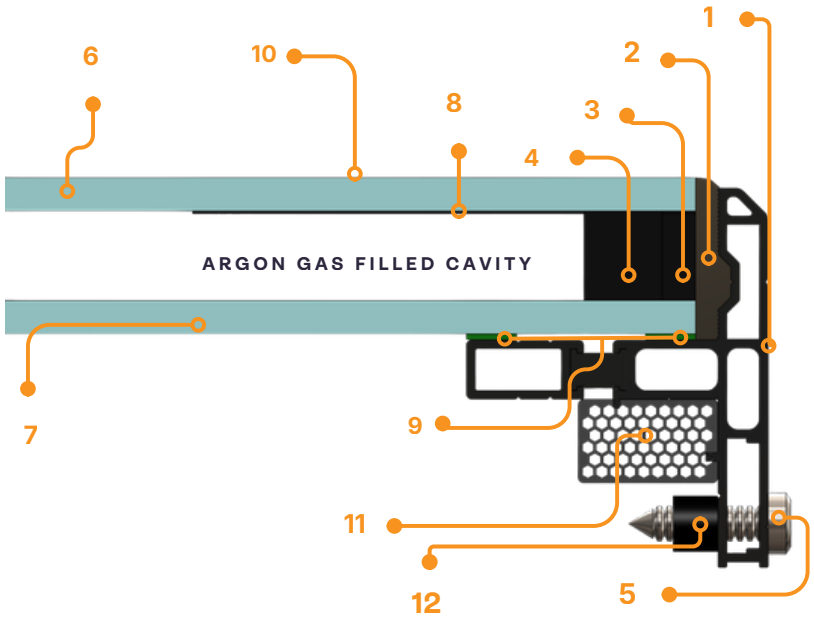
External upstand sizes (mm)	Double Glazing WEIGHT (kg)	Triple Glazing WEIGHT (kg)
600 x 600	14.4	19.15
750 x 750	22.5	29.93
900 x 600	21.6	28.73
900 x 900	32.4	43.09
1000 x 1000	40	53.2
1200 x 600	28.8	38.3
1200 x 900	43.2	57.46
1200 x 1200	57.6	76.61
1500 x 1000	60	79.8
2000 x 1000	80	106.4

Features

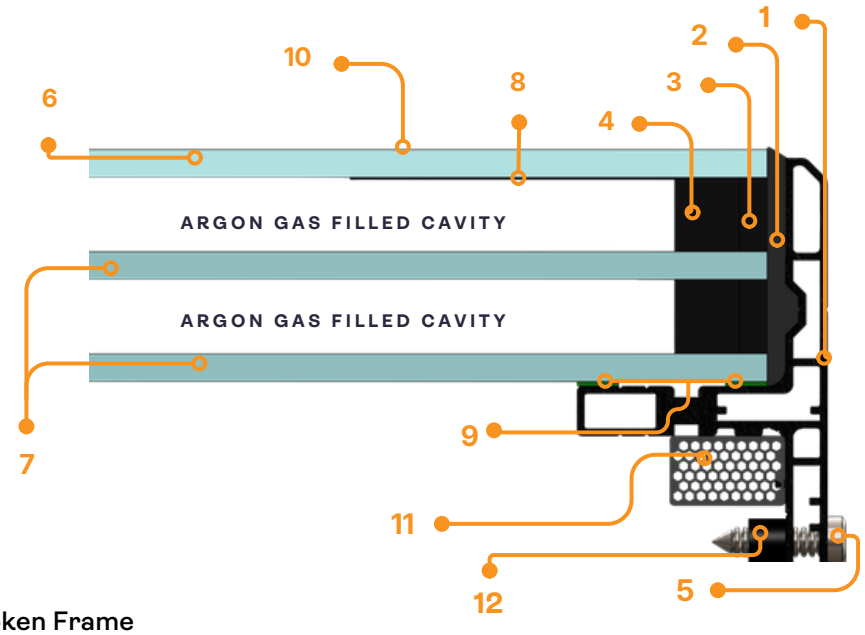
- **In-house manufacture of high-performance glass units featuring 20-year warranty**
- Marine-grade thermally broken aluminium frame
- Powder-coated finish in Black (RAL 9005) or Anthracite Grey (RAL 7016)
- Insulated foam layer for enhanced thermal efficiency
- Easy installation & easy-clean glass technology
- Designed to comply with Approved Document L
- Premium two-part structural adhesive provides a durable bond between glass and aluminium from -50°C to 100°C
- Suitable for installation on builder's upstands, timber sloping upstands, or **Roof Maker's 5° Insulated Upstand** is also available

Roof Maker
Technical Data Sheet

Double glazed



Triple glazed



1. Thermally broken Frame
2. Silicone
3. Hot melt (22mm)
4. Warm edge spacer (16mm)
5. Fixing screw (M6)
6. Toughened outer panel (6mm)
7. Toughened low-E inner pane (6mm)
8. 90mm black UV blocking border
9. Glazing tape
10. Easy clean coating
11. Structural foam thermal break
12. Polyamide spacer