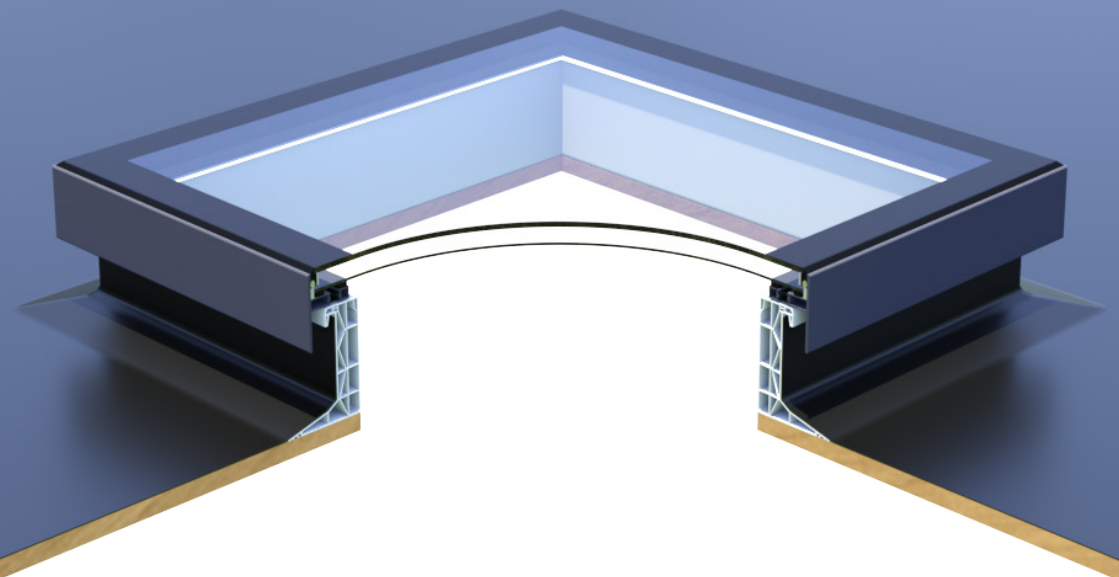


em-glaze™

Product Overview Premium Flat Glass Rooflight



CWCT CLASS 1 RATED | THERMALLY BROKEN

STOCKED UNITS: NEXT-DAY DELIVERY BESPOKE: 3-5 WEEKS DELIVERY
MAINLAND UK



Offering a clean, minimalistic finish both inside and out, Em-Glaze is the elegant go-to solution.

Highly energy efficient, its glass-to-edge design offers uninterrupted views and stunning, modern aesthetics. Exceptional performance perfectly blended with contemporary styling; Em-Glaze will undoubtedly add the finishing touch to your project.

Stocked in the popular anthracite grey in a wide range of sizes, ventilation options and a choice of four upstands we can be sure to deliver on your requirements. In-house manufacturing allows us to make bespoke to any size – giving you endless design possibilities. And that's not where it ends...

Safety is paramount when dealing with glass rooflights – that's why we've optimised the Em-Glaze premium glass rooflight to pass CWCT testing to Class 1. With this rating you can rest assured that you've put safety first. We have also included a thermal break, providing excellent thermal insulation properties and low energy ratings. Available with bespoke glazing options including triple glazed and walk-on.



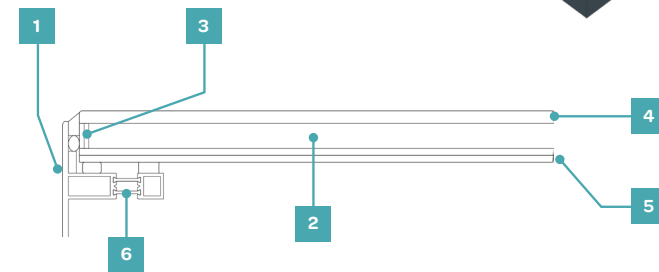
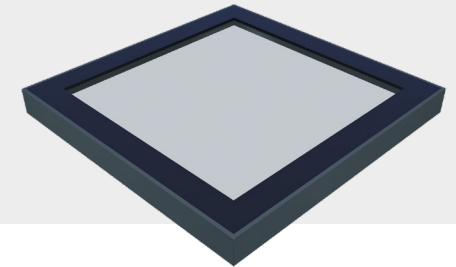
Key features & benefits

- Flush glazed **glass-to-edge design**
- Non-fragility **CWCT Class 1 tested** as standard
- Good **thermal and sound** insulation properties
- Factory pre-glazed for **easy installation**
- **Ventilation** options available
- **Secure**, welded glazing frame
- Compatible with builders and **uPVC upstands**
- **Thermally broken** frame
- Aluminium frame powder coated to **any RAL colour**
- Em-Glaze **EasyClean Coating** available
- 14 sizes available from stock for **next-day delivery**
- **Bespoke units** available in **3-5 weeks**

Colours & glazing

RAL 7016
anthracite grey

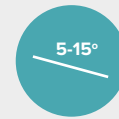
or powder coated to any RAL colour



1	Frame	Aluminium
2	Gas	Argon
3	Warm edge spacer bar	✓
4	Toughened outer pane	✓
5	Laminated inner pane	✓
6	Thermal break + box section	✓
Install pitch (upstand)		5-15° recommended
Standard frit width		84mm
External frame colour	stock	RAL 7016 anthracite grey
	bespoke	Powder-coated to any RAL colour
U-Value - complete glass unit		1.23 W/m²K
Non-fragility		CWCT TN66/67 Class 1
Airtight BS6375-1:2015 & BS EN 12207		Class 2 300pa
Wind loads BS 6375-1:2015 & BS EN 12210		Class A2

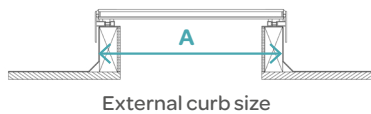
Sizes & upstands

- Thermally broken upstands, incorporating fixing flange
- Installation options available to suit either a site-formed builder's upstand, or proprietary insulated upstands with vertical or splayed sides
- Proprietary upstands are 150mm or 300mm high, meeting the minimum requirements for building regulations

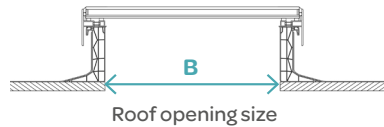


Em-Glaze flat glass rooflights must be installed on a minimum **5-15°** pitch

Builder's upstand



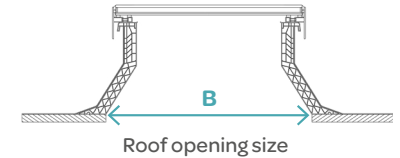
uPVC 150mm vertical upstand



uPVC 150mm splayed upstand



uPVC 300mm splayed upstand



	Size ref	To suit external upstand size (mm) A
Square	S2	600 x 600
	S4	700 x 700
	S5	800 x 800
	S7	900 x 900
	S8	1000 x 1000
	S9	1100 x 1100
	S11	1300 x 1300
Rectangular	R5	700 x 1000
	R6	700 x 1300
	R6m	700 x 2500
	R7	800 x 1100
	R16	1000 x 1300
	R17a	1100 x 1600
	R19	1100 x 2100

	Size ref	To suit roof opening size (mm) B
Square	S2	500 x 500
	S4	600 x 600
	S5	700 x 700
	S7	800 x 800
	S8	900 x 900
	S9	1000 x 1000
	S11	1200 x 1200
Rectangular	R5	600 x 900
	R6	600 x 1200
	R6m	600 x 2400
	R7	700 x 1000
	R16	900 x 1200
	R17a	1000 x 1500
	R19	1000 x 2000

	Size ref	To suit roof opening size (mm) B
Square	S2	700 x 700
	S4	800 x 800
	S5	900 x 900
	S7	1000 x 1000
	S8	1100 x 1100
	S9	1200 x 1200
	S11	1400 x 1400
Rectangular	R5	800 x 1100
	R6	800 x 1400
	R6m	800 x 2600
	R7	900 x 1200
	R16	1100 x 1400
	R17a	1200 x 1700
	R19	1200 x 2200

	Size ref	To suit roof opening size (mm) B
Square	S2	700 x 700
	S4	800 x 800
	S5	900 x 900
	S7	1000 x 1000
	S8	1100 x 1100
	S9	1200 x 1200
	S11	1400 x 1400
Rectangular	R5	800 x 1100
	R6	800 x 1400
	R6m	800 x 2600
	R7	900 x 1200
	R16	1100 x 1400
	R17a	1200 x 1700
	R19	1200 x 2200

Ventilation

- Available as standard fixed unit
- Controllable trickle ventilation options available with uPVC Em-Curb
- Electrically opening units operated by 230v slimline chain actuator, powder coated to match colour of internal framework
- Manually opening units incorporate winding spindle opening to approximately 200mm (limited size range)
- All ventilation options require a uPVC Em-Curb

Voltage (v)	230
Power requirements (amps)	0.8
Stroke length (mm)	300
Cable requirements	3 core

Controls available – see page 9

Fixed

Manual

Electric



Ideal for use in refurbishment projects where getting power to the unit is not practical

Accessories

Standard comfort controls

- For electric opening
- Option of retractive switch or comfort kit including a control panel, remote control and rain sensor



Premium comfort controls

- For electric opening
- Wireless controls which include open/close manual switch and internal and external temperature
- Wireless weather station which includes wind and rain sensor
- Option of handheld remote



Smartphone app

Fully controllable opening from your smartphone

- Remote operation
- Programmable alerts & notifications
- Can be linked to other smart home devices





Once I researched Class 1 glass and non-fragility standards, I was adamant that I wanted a product that met this specification. Em-Glaze ticked all the boxes – it not only looks great but due to the thermal break, it offers the year round high-performance and reliability that I required. The fast turnaround for the bespoke size I needed was advantageous – and to top it all off it was competitively priced. It's not often you feel like you can 'have your cake and eat it!'

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