

BauderFLATGLASS Rooflights

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Product description		A standard range of double-glazed glass Rooflights on 5° tapered white uPVC upstands, starting at 215mm high. Options include a choice of fixed trickle ventilation or chain motor opening on a splayed or vertical upstand that is designed to be mounted at finished roof surface level or above. A choice of clear or white diffused glazing is available	
Application fields		Compatible with all Bauder roofs with a Pitch of up to 17.5°	
Sizes (roof opening size)		600 x 600 mm 600 x 900 mm 600 x 1200 mm 750 x 750 mm 900 x 900 mm 900 x 1200 mm 1000 x 1000 mm 1000 x 1500 mm 1000 x 2000 mm (fixed trickle ventilation only) 1200 x 1200 mm	
Glazing specification	Clear	Outer skin: 6mm clear toughened with Low E inner surface Cavity: 12mm (90% argon, 10% air) with black spacer Inner skin: 9.5mm laminated with clear interlayer. Frame: Powder coated aluminium (RAL 7016 – anthracite grey, matt finish)	
	White diffused	Outer skin: 6mm clear toughened with Low E inner surface Cavity: 12mm (90% argon, 10% air) with black spacer Inner skin: 9.5mm laminated with medium white interlayer. Frame: Powder coated aluminium (RAL 7016 – anthracite grey, matt finish)	
Article numbers		GB61300000 series	

Characteristic	Test method	Unit	Value	
Thermal properties (U-Value)	BS EN ISO 6946	W/m²K	1.3 (splayed upstand)	
	EN 1873:2014+A1:2016 (E) (Ud value)		1.2 (vertical upstand)	
Light transmittance	BS EN 410:2011 (Tv)	%	Clear	80.2
			White diffused	57.2
Solar transmittance	BS EN 410:2011 (g value)	%	Clear	63.9
			White diffused	59.4
Fragility	CWCT TN66, TN67 and TN92	-	Class 2	
Fire – External fire spread	-	-	Unwired glass minimum 4mm thick is deemed B _{ROOF(t4)} in England, Wales & Ireland Building Regulation Part B, and Northern Ireland Part E Unwired glass minimum 4mm thick is deemed “Low vulnerability” in Scotland Building Standards Section 2	

Technical data sheet

Characteristic	Rooflight type	Rooflight size	Unit	Value	
Ventilation	Fixed trickle ventilation	600 x 600 mm 600 x 900 mm 750 x 750 mm 900 x 900 mm 1000 x 1000 mm	mm ²	5000	
		600 x 1200 mm 900 x 1200 mm 1200 x 1200 mm 1000 x 1500 mm 1000 x 2000 mm		10100	
	Chain motor opening (chain(s) set to 300mm stroke length) * 2 motors / chains	600 x 600 mm	cm ²	3600	
		600 x 900 mm		4500	
		600 x 1200 mm		5400	
		750 x 750 mm		4500	
		900 x 900 mm		5400	
		900 x 1200 mm		6300	
		1000 x 1000 mm		6000	
		1000 x 1500 mm*		7500	
	1200 x 1200 mm*	7200			
	Daylight area	Vertical upstand	600 x 600 mm	m ²	0.36
			600 x 900 mm		0.54
			750 x 750 mm		0.56
900 x 900 mm			0.81		
1000 x 1000 mm			1.00		
600 x 1200 mm			0.72		
900 x 1200 mm			1.08		
1200 x 1200 mm			1.44		
1000 x 1500 mm			1.50		
1000 x 2000 mm			2.00		
Splayed upstand		600 x 600 mm	m ²	0.20	
		600 x 900 mm		0.34	
		750 x 750 mm		0.36	
		900 x 900 mm		0.56	
		1000 x 1000 mm		0.72	
		600 x 1200 mm		0.47	
		900 x 1200 mm		0.79	
		1200 x 1200 mm		1.10	
		1000 x 1500 mm		1.15	
		1000 x 2000 mm		1.57	

Technical data sheet

Characteristic	Upstand type	Ventilation type	Rooflight size	Unit	Value
Weight	Splayed	Trickle vent	600 x 600 mm	Kg	22
			600 x 900 mm		31
			750 x 750 mm		32
			900 x 900 mm		44
			1000 x 1000 mm		53
			600 x 1200 mm		41
			900 x 1200 mm		57
			1200 x 1200 mm		74
			1000 x 1500 mm		77
			1000 x 2000 mm		101
		Chain motor opening	600 x 600 mm		27
			600 x 900 mm		37
			750 x 750 mm		38
			900 x 900 mm		51
			1000 x 1000 mm		60
			600 x 1200 mm		47
			900 x 1200 mm		64
			1200 x 1200 mm		82
	Vertical	Trickle vent	600 x 600 mm		32
			600 x 900 mm		43
			750 x 750 mm		43
			900 x 900 mm		57
			1000 x 1000 mm		67
			600 x 1200 mm		53
		Chain motor opening	900 x 1200 mm		72
			1200 x 1200 mm		91
			1000 x 1500 mm		94
			1000 x 2000 mm		121
			600 x 600 mm		36
			600 x 900 mm		48
	Trickle vent	750 x 750 mm	49		
		900 x 900 mm	63		
		1000 x 1000 mm	74		
		600 x 1200 mm	60		
	Chain motor opening	900 x 1200 mm	78		
		1200 x 1200 mm	98		
		1000 x 1500 mm	102		

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Packaging material	The glass glazing and uPVC upstand will be packaged separately, each wrapped in small, closed cell polyethylene bubble wrap. This product has 30% recycled content and can be re-used or recycled.
Storage guidance	The glass glazing should be stored on pallets, either flat or on end in A frame stillages. They should be stored out of direct sunlight, preferably under cover on a dry and level surface. The glazing should not be laid flat on the roof either before or after assembly to the upstand, and must not be stored on top of each other at any point.
Handling / PPE	Caution should always be shown when handling rooflights due to the weight and size, either at ground level or on a roof top. Particular care should be taken in windy weather; the unpredictability of strong wind gusts can make carrying large rooflights a hazardous exercise. When handling / installing the product, installers should be provided with, and wear, suitable personal protective equipment.
Assembly and installation	Refer to Bauder roof specification and BauderFLATGLASS rooflight installation instructions for correct installation techniques
Maintenance	Cleaning of the rooflights must be carried out using water containing non-abrasive, neutral household detergent. To avoid scratching the surface, only soft cloths should be used when cleaning. The electrical components are maintenance free.
Disposal guidance	The products comprise uPVC, aluminum, glass and electrical chain motors (where applicable) all of which can be recycled.
International Standards	ISO 9001:2015 Quality Management
Organisation (ISO)	Certificate 17585-QMS-001
	ISO 14001:2015 Environmental Management
	Certificate 17585-EMS-001
	ISO 45001:2018 Management System
	Certificate 17585-OHS-001
	ISO 50001: 2018 Energy Management
	Certificate 17585-EnMS-001
Further information/ documents	Current documents such as brochures, installation instructions, etc. can be found by visiting www.bauder.co.uk

Safety Data Sheets are designed to provide the necessary information to recipients of substances and mixtures in the EU & UK. This product is classed as an article; therefore this product does not have a requirement for a Safety Data Sheet.