VELUX sloping extension window element GIU





Add more daylight and extend your views to the outdoors with a fixed additional window element under the roof window. The window element follows the slope of the roof and blends seamlessly with your roof window to create a view that almost stretches to your floor. The polyurethane window element is maintenance-free and moisture-resistant and matches our polyurethane roof windows.

- Increase the amount of daylight when combined with a VELUX roof window.
- A seamless look is made possible by the slim connection to the roof window.
- Maintenance-free, polyurethane coating makes the window ideal when easy maintenance is key.

CE

Creation date 19-11-2026 10:04:42 VRW Roof windows en-WW - Approved

Application guidance

The window can be installed in roof pitches between 15° and 90° to the horizontal.



The additional window element is fixed (non-opening) and installed directly below a VELUX roof window. In structures, where the pitch of the roof continues to the floor, you can extend a roof window with an additional window element to obtain more daylight and an enhanced view when standing and when seated.

Available sizes and daylight area

The size overview shows the availability across the different glazing variants. Please note that the individual glazing variant may not be available in all the sizes shown.

	660	780	942	1140	1340
920	GIU FK34 (0.34) []	GIU MK34 (0.44) []	GIU PK34 (0.56) []	GIU SK34 (0.70) []	GIU UK34 (0.85) []

All measurements are in mm. ( ) = Effective daylight area, m^2 [ ] = Geometric free area, m^2

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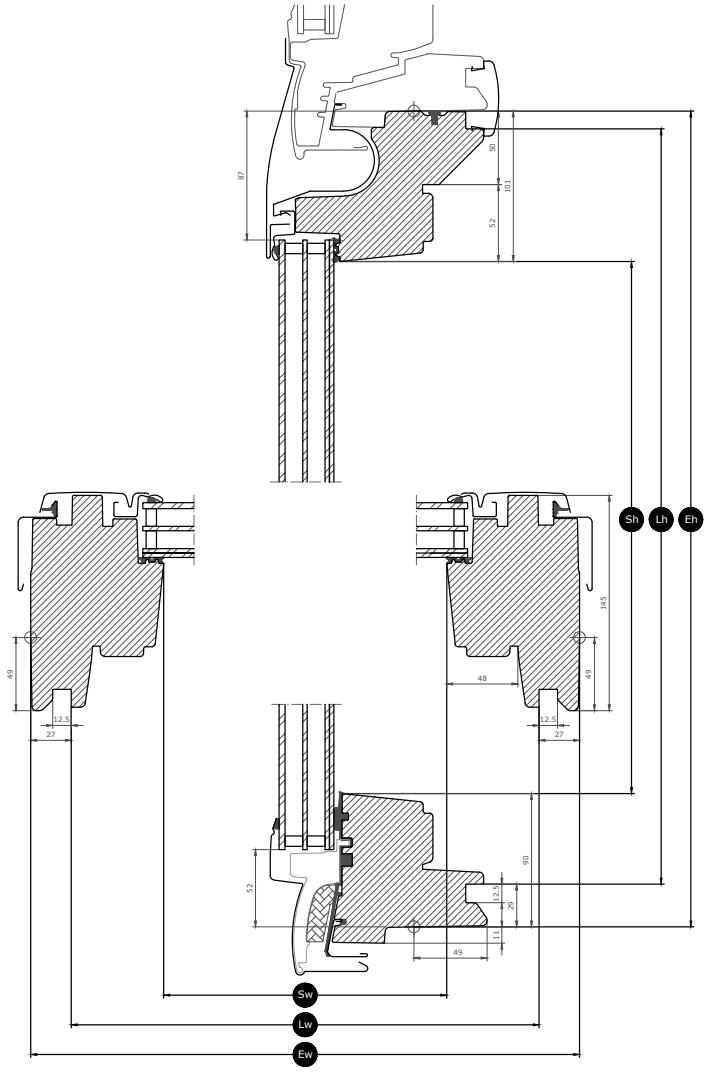
Cross section dimensions



Width		FK--	MK--	PK--	SK--	UK--
Sw	Sash aperture width	481	601	763	961	1161
Lw	Distance between lining grooves, width	605	725	887	1085	1285
Ew	Exterior frame width	660	780	942	1140	1340

Height		--34
Sh	Sash aperture height	729
Lh	Distance between lining grooves, height	879
Eh	Exterior frame height	920

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Glazing features

	Glazing 66SG	Glazing 68	Glazing 70	Glazing 57	Glazing 62SG
Solar protection	★★★☆	★★★☆	★★★☆	★★★★	★★★☆
Security	★★☆☆	★★☆☆	★★☆☆	★★☆☆	★★☆☆
Safety lamination	✓	✓	✓	✓	✓
Toughened glass	✓	✓	✓	✓	✓
UV filter	✓	✓	✓	✓	✓
Rain noise reduction	✓	✓	✓	✓	✓
Easy-to-clean	✓			✓	
Anti-dew	✓				✓

Glazing structure

Glazing variant	Glazing unit	Composition (from inside to outside)
Glazing 66SG	Triple-glazed	6.8 mm laminated float glass - 13 mm Argon - 3 mm heat strengthened glass - 13 mm Argon - 4 mm toughened glass
Glazing 68	Triple-glazed	6.8 mm laminated float glass - 13 mm Argon - 3 mm heat strengthened glass - 13 mm Argon - 4 mm toughened glass
Glazing 70	Double-glazed	6.8 mm laminated float glass - 16 mm Argon - 4 mm toughened glass
Glazing 57	Double-glazed	6.8 mm laminated float glass - 16 mm Argon - 6 mm toughened glass
Glazing 62SG	Triple-glazed	6.8 mm laminated float glass - 11 mm Krypton - 3 mm heat strengthened glass - 11 mm Krypton - 8 mm toughened glass

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Technical values for the window

Overview of technical values for the product, covering among other, CE marking in accordance with EN 14351-1.

	Glazing 66SG	Glazing 68	Glazing 70	Glazing 57	Glazing 62SG
Window characteristics	**Performance**				
Thermal transmittance (U-value)	1.0 W/(m²K)	1.1 W/(m²K)	1.3 W/(m²K)	1.3 W/(m²K)	1.0 W/(m²K)
Light transmittance (τ,v)	0.62	0.68	0.68	0.60	0.68
Total solar energy transmittance (g-value)	0.44	0.49	0.46	0.30	0.47
Sound insulation (Rw)	37(-2;-4)	35(-1;-3)	35(-1;-3)	37(-1;-3)	42(-2;-5)
Air permeability, [class]	4	4	4	4	4
External fire performance - British [class]	AA	AA	AA	AA	AA
External fire performance - European [class]	npd	npd	npd	npd	npd
Impact resistance [class]	3	3	3	3	3
Load-bearing capacity of safety devices	npd	npd	npd	npd	npd
Reaction to fire [class]	D-s3,d2	D-s3,d2	D-s3,d2	D-s3,d2	D-s3,d2
Resistance to snow load	**	**	**	**	**
Resistance to wind load [class]	C3 (>SK08: NPD)	C3 (>SK08: NPD)	C3 (>SK08: NPD)	C3 (>SK08: NPD)	C3 (>SK08: NPD)
Water tightness [class]	9A	9A	9A	9A	9A

Resistance to snow load = ** See glazing composition

NPD: No Performance Determined

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Interior finish

Material Description	White maintenance-free Finished with polyurethane lacquer.
Colour code NCS, inner surface	S 0500-N
Colour code nearest RAL, inner surface	9003

Exterior covers

The availability of the variants listed below may change. For the most accurate and up to date information, please refer to the current product catalogue or price list.

Material Description	Aluminium, dark grey Dark grey	Titanium zinc	Untreated copper
Colour code NCS, outer surface	S 7500-N	No colour code	
Colour code nearest RAL, outer surface	7043	No colour code	

Cleaning and maintenance



To clean the outer glass surface of the fixed window element from the inside, open the upper section fully to reach the outer glass surface of the lower section.



VELUX repair and maintenance kits are available.

Guarantee period

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Flashings and installation products



Flashings
Install the VELUX roof window in virtually any roofing material by using genuine VELUX flashing solutions. Our flashings are designed specifically for the exact size and shape of the roof windows to create perfect, watertight fit. Flashings can also be used to combine multiple roof windows.

Installation products
Ensure a proper installation and an air- and watertight connection between the window and roof with VELUX installation products. All installation products are designed to perfectly fit the roof window for a reliable and durable result.

Blinds, awnings and shutters

Complete the VELUX roof window installation with roller shutters and awning blinds for heat protection and interior blinds for light dimming, blackout and insect protection. Choose from a wide range of manually operated or remote-controlled products that are made to fit the particular window type and size. Please contact your local VELUX sales company for more details about compatibility.

Further information

We reserve the right to make technical changes.

For more information on our products, please visit https://velux.com.

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