

# VELUX craftsman's roof exit GXL

VELUX®

Glazing 70



The VELUX craftsman's roof exit GXL is designed to provide safe and convenient access to the roof. Side-hung, it opens outwards and the sash can be positioned to the left or to the right to meet the needs of any space. Made from high-quality lacquered or white-painted pine wood like our standard wooden roof windows.

- Opens wide and stays firmly in place thanks to the compound arm with gas spring.
- Easily open the window using the convenient handle in the middle of the side sash.
- Offers convenient access to the roof and is configurable for left or right opening to meet your needs.
- The glazing comes standard with premium features like safety lamination, toughened glass, UV filter and our unique rain noise reduction.



## Application guidance

The roof window can be installed in roof pitches between 15° and 85° to the horizontal.



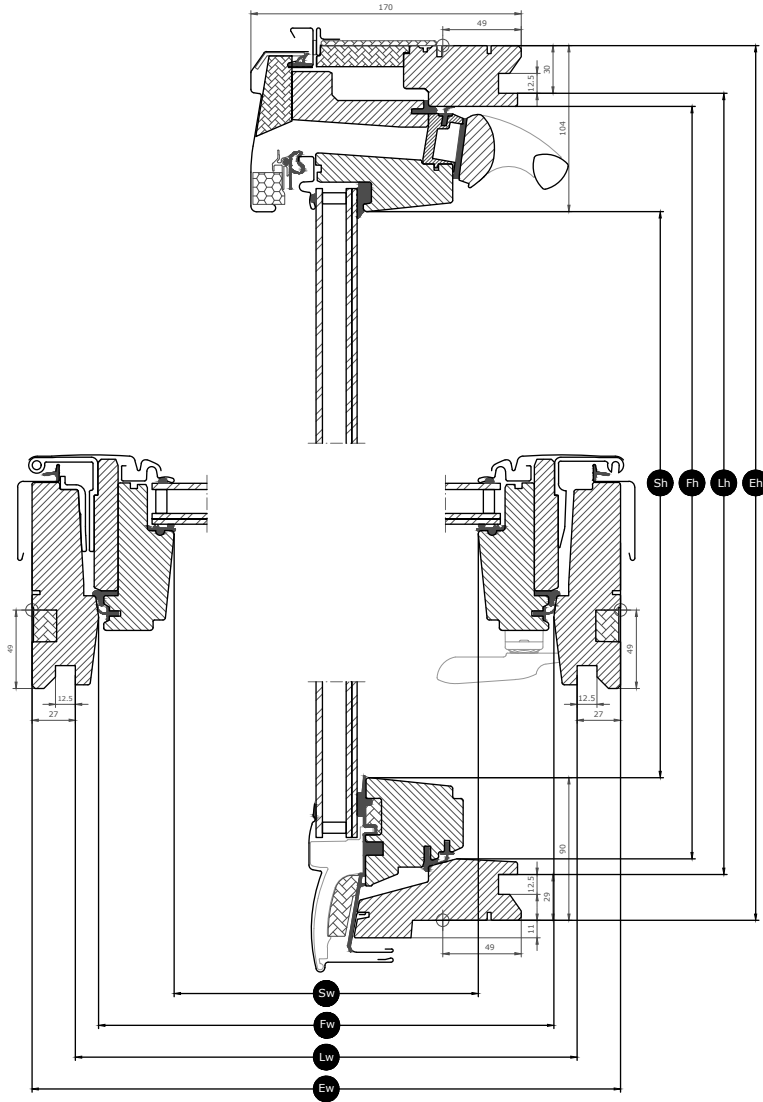
The window is opened by turning the side handle and pushing outwards. When fully open, the sash will be secured by the compound action arm to allow convenient access to the roof.

## Available sizes and daylight area

	660 mm	780 mm
978 mm		GXL MK04 0.47 m <sup>2</sup>
1178 mm	GXL FK06 0.47 m <sup>2</sup>	

All measurements are in mm. ( ) = Effective daylight area, m<sup>2</sup>



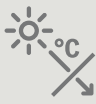






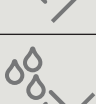
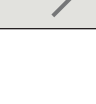
# Cross section dimensions



Width		FK--	MK--
Sw	Sash aperture width	481	601
Lw	Distance between lining grooves, width	605	725
Ew	Exterior frame width	660	780

Height		--04	--06
Sh	Sash aperture height	784	984
Lh	Distance between lining grooves, height	919	1119
Eh	Exterior frame height	978	1178

## Glazing features

Glazing 70		
	<b>Heat insulation</b> The low energy glazing unit reduces heat loss through the window and enhanced indoor comfort.	$U_g = 1.0$
	<b>Solar gain</b> In colder climates and in rooms with large window areas, solar gain provides a better indoor climate during winter periods.	<b>0.46</b>
	<b>Solar protection</b> In warm climates and in rooms with large window areas, a sun protective glazing unit provides a better indoor climate during summer periods.	★★★★☆
	<b>Security</b> Thicker laminated inner glass increases resistance to manual attack (burglary).	★★★★☆
	<b>Safety lamination</b> Prevents glass from falling into the room in case of accidental breakage.	✓
	<b>Toughened glass</b> Adds strength to the outer glass surface to protect from wayward balls and extreme weather such as heavy storms and hail.	✓
	<b>UV filter</b> Protects your interior furnishings from fading due to the sun's harmful UV rays.	✓
	<b>Rain noise reduction</b> Rain noise reduction creates a barrier between the window and the weather outside for undisturbed moments during rainy days – or nights.	✓
	<b>Easy-to-clean</b> Dirt-repellent coating lets you spend less time cleaning and more time enjoying the view.	
	<b>Anti-dew</b> The anti-dew coating significantly reduces the days with dew on the outer glass and thus gives you a clear view.	

### Glazing structure

Glazing unit	Composition (from inside to outside)
Double-glazed	6.8 mm laminated float glass - 16 mm Argon - 4 mm toughened glass

## Technical values for the window

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Overview of technical values for the product, covering among other, CE marking in accordance with EN 14351-2.

Window characteristics	Performance
Thermal transmittance (U-value)	1.3 W/(m <sup>2</sup> K)
Light transmittance (τ <sub>v</sub> )	0.68
Total solar energy transmittance (g-value)	0.46
Sound insulation (R <sub>w</sub> )	35(-1;-3)
Air permeability, [class]	3
External fire performance - British [class]	AA
External fire performance - European [class]	npd
Impact resistance [class]	3
Load-bearing capacity of safety devices	√
Reaction to fire [class]	C-s1,d2
Resistance to snow load	See glazing composition
Resistance to wind load [class]	C3 (>SK08: NPD)
Water tightness [class]	9A

NPD: No Performance Determined

## Visible features

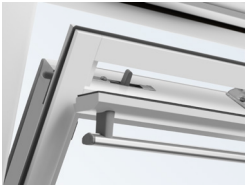
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### **Operating handle, craftsman's exit**

The window is opened by turning the side handle and pushing outwards. A locking device will automatically secure the sash when opened at 90°.

### **Compound action arm**

The compound action arms safely secure the window in the open position for use as a craftsman's roof exit.



### **Ventilation flap**

The full-width ventilation flap can be used for ventilation even with a closed window. The ventilation flap is connected to the top sash with the lock casing.



### **Blind bracket, manual**

Easily install blinds on the window without the need for extra tools. Simply click on the blind in the pre-fitted brackets.

### **Frame hinge, workman's exit, side**

Durable hinge design allows for reliable operation and enables the window to be opened for use as a workman's exit.

### **Interior insulation, frame top**

Innovative ThermoTechnology™ insulation is integrated into the top frame of the window to increase energy-efficiency.

### **Data plate**

Every VELUX roof window has a unique data plate with information that can be used to look up CE marking documentation, when purchasing accessories or in case of service or replacement.



## Interior finish

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Material Description	Clear lacquer Finished with triple coat, clear lacquered.	White-painted Finished with triple coat, white painted.
Colour code NCS, inner surface	No colour code	S 0500-N
Colour code nearest RAL, inner surface	No colour code	9003

## Exterior covers

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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

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Frame and sash can be cleaned with ordinary household cleaners. If necessary, the outer glass surface is cleaned from the outside.



VELUX repair and maintenance kits are available.

## Guarantee period

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## Flashings and installation products

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### **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

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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

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We reserve the right to make technical changes.

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