

VELUX roof terrace element GEL

Glazing 65G

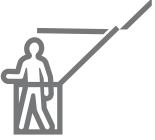


Create an awe-inspiring roof terrace in places that you never thought possible with roof terrace windows. VELUX roof terrace windows provide access to the outdoors when opened and lots of daylight when closed. The combination of top-hung roof windows and a fixed or openable vertical bottom section provides seamless integration with your roof and outdoor terrace.

- Open the window outwards up to 45° to enjoy a panoramic view and a feeling of space.
- Easily rotate the window 180° for safe cleaning of the outer glass from the inside.
- Open the top control bar to the ventilation position for fresh air through a closed window.
- Laminated frame and sash provide a long-lasting, robust window.
- Maintenance-free exterior covers increase peace of mind throughout the lifetime of the roof window.
- Removable and cleanable ventilation filter protects your home from dust and insects while ventilating.
- Spend less time on scheduled maintenance thanks to long-lasting lubricants.



Application guidance operation method



The roof terrace offers direct access to the outside. The upper section is a GEL bottom-operated, top-hung window that opens outwards for an unobstructed, panoramic view. When the upper section is open, the lower section can be opened to create a doorway to the terrace. The side-hung lower section is opened/closed with a handle on the side sash. Lower section VEA vertical window element opens to the right, VEB vertical window element opens to the left, and VEC vertical window element is fixed. When installed in combination, lower section VEA can be placed to the far right only and lower section VEB to the far left only (seen from the inside). All other lower sections must be VEC.

A roof terrace can contain one opening vertical window element only.

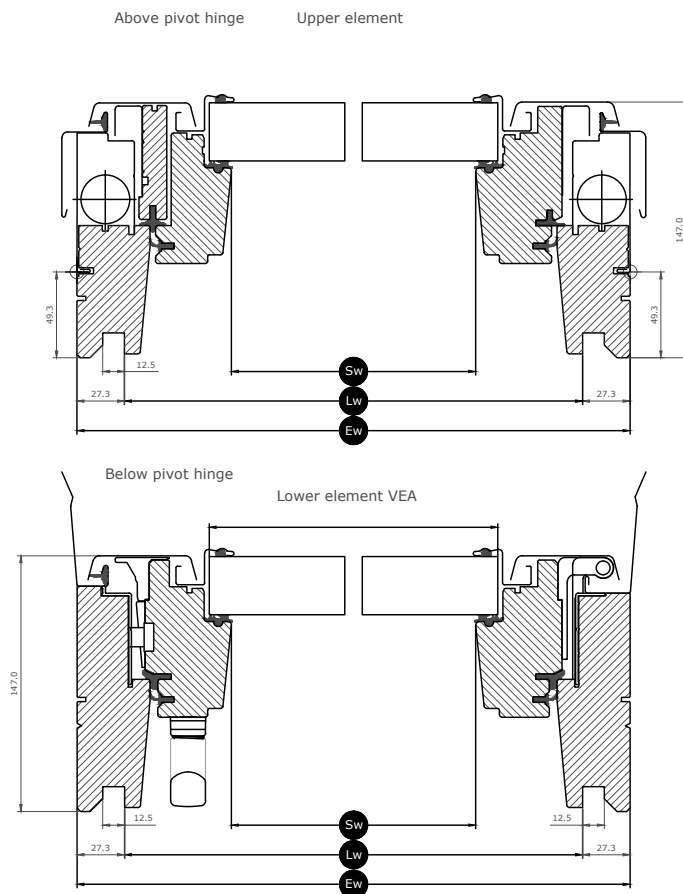
Available sizes and daylight area

	780
1398	GEL M08 ()

All measurements are in mm. () = Effective daylight area, m²

Cross section dimensions











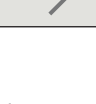
Horizontal section



Width		M--
Sw	Sash aperture width	603
Lw	Distance between lining grooves, width	726
Ew	External frame width	780

Height		--08
Sh	Sash aperture height	1150
Lh	Distance between lining grooves, height	1339
Eh	External frame height	1398

Glazing features

Glazing 65G		
	Heat insulation The low energy glazing unit reduces heat loss through the window and enhanced indoor comfort.	$U_w = 1.1 \text{ W/}$ (m^2K)
	Solar gain In the wintertime, the heat from the sun entering through the windows is a usable solar gain.	$g = 0.51$
	Solar protection In warm climates and in rooms with large window areas, a sun protective coating provides a better indoor climate during summer periods.	★★★★☆
	Sound insulation A combination of laminated glass and optimal glass thickness provides better sound insulation against noise from outside (traffic, playgrounds, etc).	$R_{w,dB} = 35(-$ $1;-4)$
	Security Thicker laminated inner glass increases resistance to manual attack (burglary).	★★★★☆
	Safety Laminated inner glass is designed to hold the fragments together if the glass breaks. We recommend that you consider using glass units with laminated glass on the inside for windows placed above areas where people sleep, play or work.	✓
	Outside strength Toughened outer glass makes your glazing more resistant to hail, heavy wind and snow loads.	✓
	Delayed fading of material Laminated inner glass protects materials behind the glass against UV radiation and therefore delays fading of the materials.	✓
	Easy-to-clean The easy-to-clean coating minimises the cleaning frequency of the outer glass and gives you a clearer view in case of rain.	✓
	Anti-dew 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	Inner glass	Middle glass	Outer glass	Cavity	Gas type
Triple-glazed	2 x 3 mm laminated float glass with 0.76 mm PVB foil	3 mm heat strengthened glass	4 mm toughened glass	2x 10 mm	Krypton

Visible features



Operating handle, top-hung, bottom

Easy to operate handle allows for effortless opening and closing of the window.



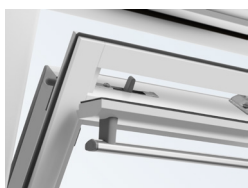
Lifting device, top-hung

The lifting device facilitates the opening of the top-hung sash, once engaged with the spring rods.



Blind bracket, manual

Easily install blinds on the window without the need for extra tools using the VELUX Pick&Click™ system.



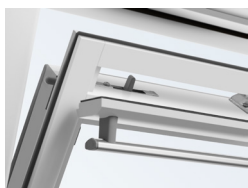
Ventilation flap, pine wood

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.



Frame hinge, centre-pivot, side

Durable hinge design allows for reliable operation and enables the sash to be rotated for easy cleaning of the outer pane.



Barrel bolt, top-hung, bottom-operated

The barrel bolt can be placed into the integrated barrel bolt bushing to secure the window for cleaning of outer glass surface or for safe ventilation.



Headlock

When closed, the window is locked firmly into place by the headlock.

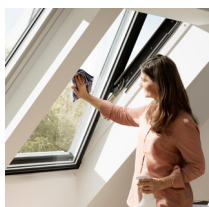
Interior finish

Material Description	Clear lacquer Finished with triple coat, clear lacquered.	White-painted Finished with triple coat, white painted.
Colour code NCS, inner surface	-	S 0500-N
Colour code nearest RAL, inner surface	-	9003

Exterior covers

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

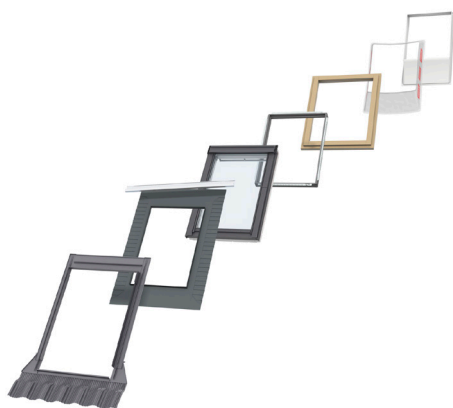


VELUX repair and maintenance kits are available.

Guarantee period



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 a perfect, watertight fit. Flashings can also be used to combine multiple roof windows.

Installation products

Ensure a proper insulation 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://www.velux.co.uk>