VELUX Heritage conservation roof window, GCL.

Glazing 02



10 Year Guarantee

VELUX Heritage conservation roof window is designed to be in keeping with historic façade aesthetics. Slim and elegant and sitting flush to the tiles, it blends beautifully into historic roofs.

- Authentic top-hung design in keeping with heritage aesthetics
- Slimmer black exterior profile for a perfect fit
- Seamless and stunning glass-to-edge fit
- Near flush installation blends into the roofing material, in keeping with the building's original character
- Central glazing bar that fulfils the design requirement for period authenticity
- Double glazing with advanced vacuum-insulated technology that delivers enhanced indoor comfort through superior thermal performance and sound insulation in an ultra-thin glass-to-edge design to preserve the authentic character of heritage buildings. It comes with premium features such as safety lamination, toughened outer glass, UV filter, easy-to-clean and anti-dew coatings and the unique rain noise reduction.
- The traditional roof window winding handle mechanism combines a simple operating method with a timeless heritage design

CE

PEFC
PEFC/09-31-020

Application guidance

The window can be installed in roof pitches between 20° and 65° to the horizontal.



The conservation roof window GCL is a top-hung window that is operated with a hand-winder fixed to the bottom frame. The window can be opened to a maximum of approx. 150 mm. The black profiles, central glazing bar and flashing beautifully match historical buildings.

Available sizes and daylight area

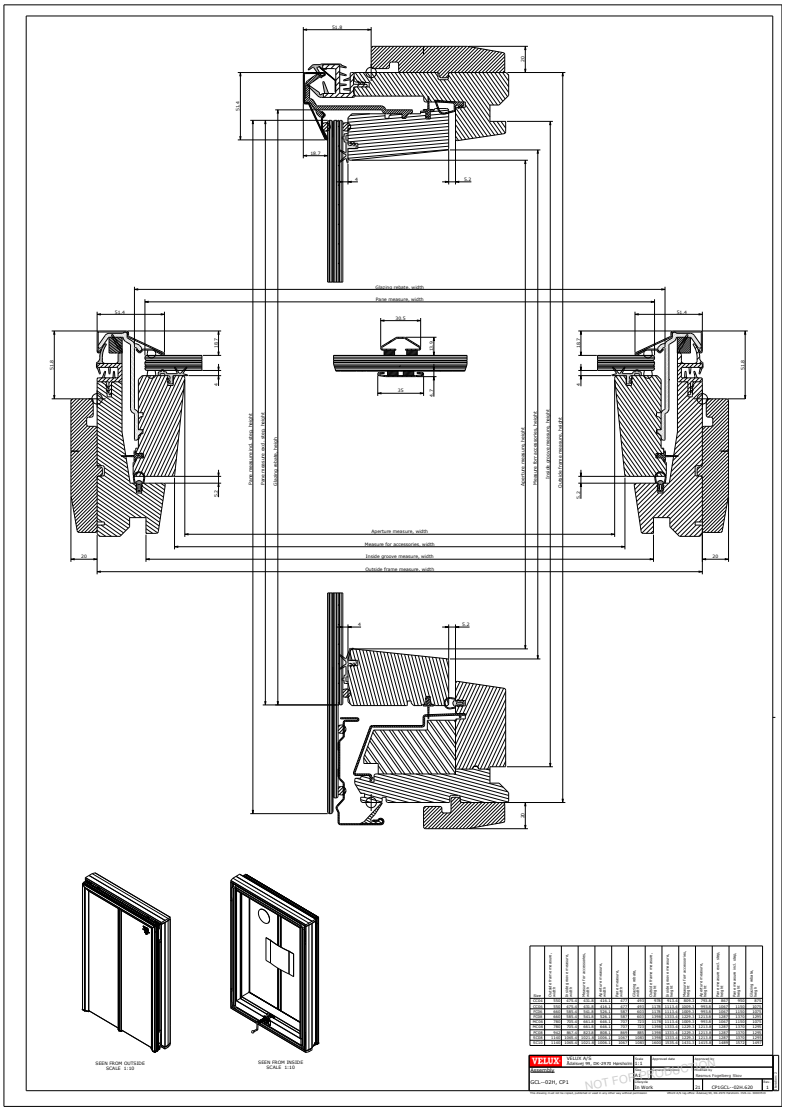
	550 mm	660 mm	780 mm	942 mm	1140 mm
978 mm	GCL CC04 (0.33) [0.063]				
1178	GCL CC06 (0.42) [0.066]	GCL FC06 (0.53) [0.076]	GCL MC06 (0.65) [0.087]		
1398		GCL FC08 (0.64) [0.078]	GCL MC08 (0.79) [0.089]	GCL PC08 (0.99) [0.105]	GCL SC08 (1.23) [0.123]
1600					GCL SC10 (1.43) [0.126]

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

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Cross section dimensions

Please note that the view of the cross section is from bottom to top.



Width		CC--	FC--	MC--	PC--	SC--
Sw	Sash aperture width	419	529	649	811	1009
Lw	Distance between lining grooves, width	475	585	705	867	1065
Ew	External frame width	550	660	780	942	1140

Height		--04	--06	--08	--10
Sh	Sash aperture height	797	997	1217	1419
Lh	Distance between lining grooves, height	913	1113	1333	1535
Eh	External frame height	978	1178	1398	1600

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Glazing features

Glazing 02		
	Heat insulation The low energy glazing unit reduces heat loss through the window and enhanced indoor comfort.	U_g = 0.6 W/ (m^2K)
	Solar gain In colder climates and in rooms with large window areas, solar gain provides a better indoor climate during winter periods.	0.54
	Solar protection In warm climates and in rooms with large window areas, a sun protective glazing unit provides a better indoor climate during summer periods.	★★★☆
	Security Thicker laminated inner glass increases resistance to manual attack (burglary).	★★☆☆
	Safety lamination Prevents glass from falling into the room in case of accidental breakage.	✓
	Toughened glass Adds strength to the outer glass surface to protect from wayward balls and extreme weather such as heavy storms and hail.	✓
	UV filter Protects your interior furnishings from fading due to the sun's harmful UV rays.	✓
	Rain noise reduction Rain noise reduction creates a barrier between the window and the weather outside for undisturbed moments during rainy days – or nights.	✓
	Easy-to-clean Dirt-repellent coating lets you spend less time cleaning and more time enjoying the view.	✓
	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	Variant composition
Double-glazed	7 mm laminated toughened glass - 0.2 mm Vacuum - 4 mm toughened glass with enamel.

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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.

Window characteristics	Performance
Thermal transmittance	1.1 W/(m²K)
Light transmittance	0.72
Total solar energy transmittance	0.54
Sound insulation	37(-0;-2) dB
Air permeability	4
External fire performance - British	NPD
External fire performance - European	Broof(t4)
Impact resistance	3
Load-bearing capacity of safety devices	npd
Reaction to fire	C-s1, d2
Resistance to snow load	See glazing composition
Resistance to wind load	C3
Water tightness	npd

NPD: No performance determined

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Visible features



Glass-to-edge technology
This roof window is precisely crafted with glass-to-edge technology for a seamless and stunning fit.The glass-to-edge technology allows water to run off the window easily.



Glazing bar
The vertical glazing bar delivers a classic, traditional look to the conservation window.



Hand-winder
The window is delivered with a hand-winder that is fixed to the bottom frame. When the handle is turned, the winder pushes out the window sash approx. 150 mm.



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.



Gasket
Forming the air and sound seal between the frame and sash.



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.

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Interior finish

Material Description	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

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, black Black
Colour code NCS, outer surface	S 9000-N
Colour code nearest RAL, outer surface	9005

Cleaning and maintenance

The window can be cleaned inside with ordinary household cleaners. Cleaning of exterior glass must be done from the outside, but to reduce the frequency for exterior cleaning of the glass it comes with an easy-to-clean coating.



VELUX repair and maintenance kits are available.

Guarantee period

10 Year Guarantee

The full terms and conditions of the VELUX Product Guarantee are available on our website www.velux.co.uk or www.velux.ie

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Flashings and installation products

The Heritage conservation roof window is constructed with a built-in insulation collar in the window frame. Install the VELUX Heritage conservation roof window by using a genuine VELUX flashing solution. The EDU flashing for slates and plain tiles up to 14 mm and the EDV flashing for profiled roofing material/tiles up to 90 mm are designed specifically for the exact size and shape of the Heritage conservation roof window and include underfelt collar and self-supporting drainage gutter (BFX) to create a perfect weathertight fit. The flashing is made by use of aluminum only.

Blinds, awnings and shutters

VELUX Heritage conservation roof window is compatible with blackout roller blinds. Please contact your local VELUX sales company for more details.

Further information

We reserve the right to make technical changes.

For more information on our products, please visit https://www.velux.co.uk or https://www.velux.ie.

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