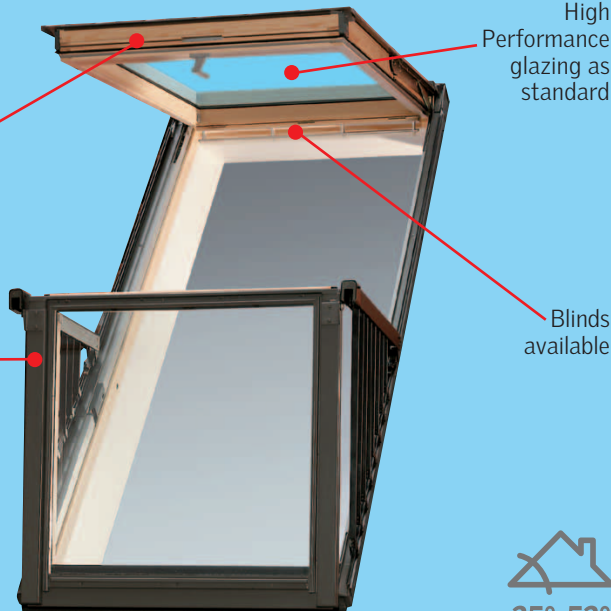


GDL 'CABRIO' balcony roof window

Main features

Nordic pine frame and sash

Sturdy balcony opens out and locks in position



Not suitable for out-of-reach situations



A unique 2 window skylight that opens out, in seconds, to form an amazing roof top balcony. For use at floor level and within reach situations.

Operation

Upper window

Balcony window GDL is operated manually. The upper window opens as a top-hung window by using the base handle, for full opening.

Like the GHL, the top window can also be used as a centre-pivot allowing cleaning of the outer pane from within the room (refer to GHL operation).

Lower window

The lower window gives the GDL its unique 'balcony' application. The lower window pivots out from the bottom of the frame to a vertical position and locks into place. Balustrade rails on each side are incorporated for added safety and are automatically engaged when the lower window is opened.

Both windows in their fully opened positions allow for maximum ventilation and views.



When closed the GDL looks just like a skylight.



GDL opens easily from the top just like a top-hung window.

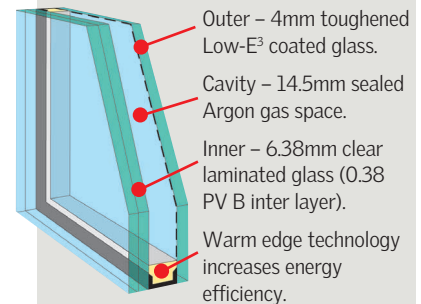


GDL technical performance

High Performance glazing as standard

3073

High Performance laminated glazing



Benefits:

3073

- Radiant heat block **80%**
- UV rays block **95%**
- Noise reduction factor **35dB**
- Double layer of Low-E³ coating ✓
- 10 year warranty on insulated glass seal ✓

Glazing performance

Glazing type **3073**

U-value (W/m²K)

Complete Roof Window	1.60
Glass only	1.10

Solar Heat Gain Co-efficient

Complete Roof Window	0.56
Glass only	0.56

Visible Light Transmittance

Complete Roof Window	0.77
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Luminous Efficacy (Ke = VT/SHGC)

Complete Roof Window	1.38
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U-value and SHGC calculated according to EN 14351-1:2006 and A1:2010 (window size 942 x 2520mm).

Construction

Frame and sash: Nordic Pine timber. Factory lacquered (3 coats) and treated with a base preservative to reduce mould and mildew.

Exterior capping: Grey aluminium.

GDL 'CABRIO' balcony roof window



Choice of manually operated blinds



Blockout blinds

- Provides blackout from light.
- Colour: White on internal side. Silver coating on external side.
- Materials: Light-tight polyester with heat resistant coating. Clear, anodized aluminium side channels and top cover.
- Reduce light by approx 100%. Reduce heat by approx 56%.



Venetian blinds

- Controls the amount and direction of light.
- Colour: Egg-shell white on both sides.
- Materials: 35mm wide slimline aluminium blades. Clear, anodized aluminium side channels and top cover.
- Reduce light by up to 85%. Reduce heat by approx 50%.

Now even easier to fit using VELUX **Pick&Click!** system.

Choice of flashing



EDW flashing for profiled roofing material

EDW flashing is used for skylights and roof windows being installed into tile or corrugated (or similar) roofing. Concrete or terracotta tiles with standard profiles can be used. Custom orb profile metal roofing can be used.



EDL flashing for flat roofing material

EDL flashing is used for skylights and roof windows being installed into slate or shingle roofs – typically 4-8mm thick. 'L' shaped sections are provided that act as soaker pieces on either side of the skylight or roof window.

VELUX 'CABRIO' can be combined in multiples by using special flashings.

Contact VELUX for further information.

NB: When used in side-by-side/above-below combination, roof windows must be 100mm apart.

GDL – Frame and glazing dimensions



Product code ►

P19

Overall frame size wxh – mm	942x2520
Internal glass size wxh – mm	Top 764x1352 Bottom 764x730
Daylight area (M ²)	Top 1.03 Bottom 0.56
Ventilation area (M ²)	Top 1.30 Bottom 0.79