

VELUX®

Get more
daylight
Get more
comfort
Use less
energy

Say hello to
our **new generation**
of energy efficient
roof windows



**Get more
daylight**
**Get more
comfort**
**Use less
energy**

New generation! Insulate your roof with daylight and fresh air



Get more daylight
Daylight is good for both body and mind, and the more of it we get, the healthier we are. The design of the new VELUX roof window allows more daylight into the room.



Get more comfort
A comfortable home is one that provides lots of fresh air, natural daylight, pleasant temperatures, security and peace of mind. The new VELUX roof window does all that and more.



Use less energy
The world is waking up to the costs of high energy consumption. By using the forces of nature to provide indoor comfort, the new VELUX roof window lowers energy bills and CO₂ emissions.

ThermoTechnology™

Get more
daylight
Get more
comfort
Use less
energy

New generation! Intelligent design improves the energy efficiency

The new generation of VELUX roof windows delivers outstanding energy efficiency

Daylight and heat from the sun are free sources of energy that can minimise your energy use and bring down heating bills. Our latest roof windows bring more daylight and warmth into your home, thanks to slimmer frames, larger panes and improved insulation with ThermoTechnology™.



Two layers of glass provide improved passive solar heating in winter and an excellent energy balance.

Slimmer frames and a larger pane bring your home additional daylight and solar heat.

ThermoTechnology™ improves insulation via special materials.

ThermoTechnology™

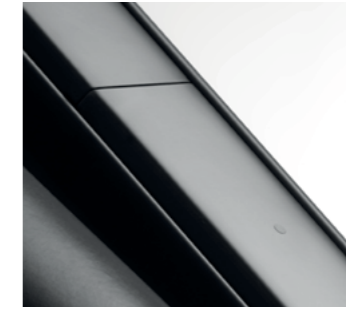
Get more
daylight
Get more
comfort
Use less
energy

New generation! Refreshed look and better comfort



Elegance and energy

The optional flush height lowers the roof window 40 mm further into the roof, creating a much more level and elegant roof surface. The flush option also has less exterior surface, while minimising the risk of thermal bridging.



More discreet look

A smooth design with softer edges and a narrow top covering give the new generation of VELUX roof windows an appealing exterior look.



Rounded side covers

Rounded ends warrant a nice harmonious finish to the covers.

The new generation of control - comfort at your fingertips



The VELUX INTEGRA® control pad comes with a touch screen, featuring swipe technology. Simple navigation and tailored programming makes it easy and fast to optimise the entire window solution, including automated ventilation and intelligent sunscreening control.

Furthermore, the new generation of VELUX INTEGRA® roof windows is born with a new, silent motor that makes ventilation an almost unnoticeable event.

One thing though remains the same - if it starts to rain, the system will still remember to close the roof window automatically, thanks to the standard fitted exterior rain sensor.

io-homecontrol® provides advanced and secure radio technology that is easy to install. io-homecontrol® labelled products communicate with each other, improving comfort, security and energy savings. www.io-homecontrol.com





Wake up with a smile

The perfect bedroom is an oasis of peace and tranquillity. It transports you miles away from the chaos of everyday life, so you can recharge mentally and physically. All it takes is an optimum indoor climate – because the right balance of daylight, warmth and fresh air is the key to a good night's sleep.

VELUX roof windows bring you the beauty of natural light along with exceptional ventilation. Our selection of blinds and shutters guarantee you a comfortable sleeping and living environment. And our innovative automated solutions bring you the utmost in comfort and convenience.



Energy efficiency

- Insulated, low-energy panes reduce heat loss through the window
- Transparent awning blinds reduce passive heating by up to 90%
- VELUX blackout, energy and duo blinds provide additional insulation from the cold
- Roller shutters offer excellent heat protection, as well as insulation from the cold
- Ventilate for a set period of time to minimise heat loss with VELUX INTEGRA® control pad



Control options

- Electric or solar powered products come with a remote control for extra convenience
- Solar powered products require no wiring
- Manage all of your home's motorised VELUX INTEGRA® products in one place – and from anywhere in the house – with VELUX INTEGRA® control pad
- All VELUX INTEGRA® roof windows come with a rain sensor that automatically closes the window at the first drop of rain



Sunscreening

- VELUX blackout blinds provide 100% darkness anytime
- Combine pleated blinds with blackout blinds for total light control, decoration and privacy
- Exterior awning blinds block the sun's rays before they hit the pane



Ventilation

- The unique, integrated ventilation flap allows fresh air to circulate even when your window is closed
- Schedule set ventilation times each day with the VELUX INTEGRA® control pad
- VELUX roof windows can be opened even when your blinds or insect screens are in use



Schedule the motorised VELUX INTEGRA® products with the control pad. Here, roller shutters prevent overheating.



Combine the blackout blinds with awning blinds to keep your bedroom comfortable on sunny days.



Vented VELUX INTEGRA® flat roof windows are also available for homes with flat roofs.



Bedroom
www.velux.com/dreamrooms



Bright ideas for the heart of your home

Whether you are entertaining guests, spending quality time with your children or simply unwinding while watching a movie, your living room is the heart of your home. This well-used space should be comfortable, welcoming and full of natural light. Because they let in more daylight than regular facade windows or dormer windows, roof windows create a bright, spacious feel in your living room. They bring the outside in by offering fantastic views and connecting your room with both the sky and the vibrant world around your home.

With VELUX original blinds, you can control the additional incoming light and heat while adding privacy and a personal, decorative touch. VELUX pleated blinds create a cosy atmosphere by softly diffusing incoming daylight.

If your living room is exposed to direct sunlight much of the day, you can keep temperatures comfortable by adding VELUX blinds and shutters that reduces passive heating by up to 90%.



Sunscreening

- VELUX blinds come in a wide range of colours and styles to complement any interior
- VELUX awning blinds block's the sun's rays before they hit the window – without blocking your view
- Roller shutters offer excellent heat protection, improved insulation and noise reduction during hail and rain



Control options

- Choose VELUX INTEGRA® electric or solar-powered products for extra convenience
- With the VELUX INTEGRA® control system you can control your home's ventilation and daylight in one touch
- The pre-set suncreening program in the VELUX INTEGRA® control pad prevents your home from overheating – and your furniture from fading



Ventilation

- Roof windows installed on both sides of a room, or positioned on top of one another, provide the best possible air circulation
- The unique, integrated VELUX ventilation flap lets in fresh air even when the window is closed



The VELUX INTEGRA® control pad comes complete with pre-set programs, including options for automated ventilation and sun protection.



Out-of-reach windows are easily opened with one touch on the VELUX INTEGRA® control pad.



Installing a group of roof windows provides additional ventilation thanks to the so-called cross, or stack, effect.



VELUX energy blinds improve insulation and reduce glare from direct sunlight.



Living room
www.velux.com/dreamrooms



Bathroom
www.velux.com/dreamrooms

Take a bath in daylight

Your bathroom is where your day really begins. Whether you like to wake up with a refreshing shower, or you need good lighting to shave or apply makeup, natural light is the perfect accompaniment to your morning routine.

Our waterproof and maintenance-free polyurethane coated windows are ideal for humid rooms. A unique ventilation flap allows fresh air to circulate even when your window is closed – perfect for a rainy day or when you are not at home.

For extra privacy and a sophisticated touch, you can add our moisture-resistant, aluminium venetian blinds. The cordless slats tilt in any direction to let in just the right amount of sunlight.



Control options

- VELUX INTEGRA® electrical and solar powered products are perfect for out-of-reach windows or extra convenience
- The VELUX INTEGRA® rain sensor automatically closes your windows when it rains



Sunscreening

- Easy to maintain VELUX venetian blinds provide privacy and superior light control
- Combine interior blinds with exterior awnings blind for exceptional heat protection



Ventilation

- Our unique, integrated ventilation flap allows fresh air to circulate even when your window is closed
- Schedule set ventilation times each day with VELUX INTEGRA®
- VELUX roof windows can be opened even when your blinds or insect screens are in use
- The VELUX INTEGRA® control pad's 'quick ventilation' option gives you 15 minutes of fresh air at the touch of a button



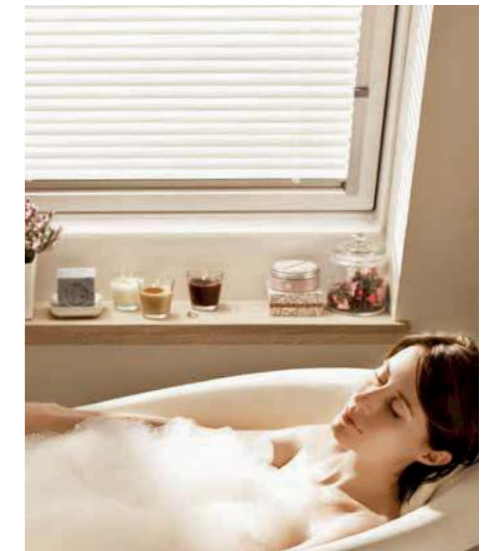
Program all your windows and blinds to open and close at set times with the VELUX INTEGRA® touch screen control pad.



Bathrooms in the middle of the home can also benefit from daylight thanks to a VELUX Sun Tunnel.



We also offer VELUX windows for flat roofs – open them anytime with the touch of a button when you choose VELUX INTEGRA® electric operation.



Perfect for damp areas, Venetian blinds are easy to maintain and the slats are adjustable for light control and privacy.



Playtime, bedtime or anytime

Every child benefits from a spacious bedroom that is full of sunshine and fresh air. A child's room should be versatile and lively, and VELUX roof windows are a great way to get the perfect indoor climate for all-day play and all-night rest.

Effective light control and ventilation are essential in a room that is home to so many activities. With the right windows and blinds, you can ensure your child's room will be bright and colourful – and dark enough for a good night's sleep or an afternoon nap.

If you want to place furniture under the window, choose our centre-pivot window that opens at the top. It also comes with maintenance-free polyurethane coating, which is a great choice for children's rooms as those little fingerprints are easily wiped away with a damp cloth.



Indoor climate

- Our new VELUX roof window with rain noise reduction helps your child get a good night's sleep when it rains
- Daylight is the best light for reading, play and homework
- Exterior, transparent awning blinds let in daylight while reducing passive solar heating by up to 90%



Ventilation

- Fresh air is a must for healthy, restful sleep and enhanced concentration
- Regular ventilation is simple with the automated VELUX INTEGRA® roof windows
- VELUX roof windows can be opened even when your blinds or insect screens are in use



Sunscreening

- Duo blackout blinds provide 100% blackout anytime or softly diffused daylight
- VELUX INTEGRA® "Good Night" program brings you privacy and the best possible conditions for sleep each evening
- Energy blinds with flexible positioning let you block the sun exactly where you need it



Safety

- Laminated, shatter-proof glass offers additional safety
- Centre-pivot windows have a handle bar at the top, which small children cannot reach, while a safety lock is available for top-hung windows
- With the VELUX INTEGRA® control pad, you can activate the "Leaving Home" program, which closes all your electric VELUX INTEGRA® roof windows and locks your home – perfect when the kids forget to close up



Kids room
www.velux.com/dreamrooms



Stairways
www.velux.com/dreamrooms

Natural light where you never thought possible

By bringing daylight to neglected stairway areas, you can dramatically open up the space and breathe new life into your home. A group of VELUX roof windows in a stairway floods the area with sunshine and creates a warm, pleasant atmosphere.

With our innovative Sun Tunnels you can add enough daylight and fresh air to turn mundane areas into something extraordinary. VELUX Sun Tunnels are easy to install, and can be combined with a VELUX light kit to keep the space illuminated even when the sun goes down.



A tunnel of highly reflective coating inside carries daylight and moonlight up to 6 meters from a discrete roof window - into the room beneath. Ideal for small rooms and tight spaces.



Control options

- Electric or solar powered VELUX INTEGRA® roof windows come with a handy touch-screen control pad
- The intuitive touch screen control pad lets you manage and program all of your home's VELUX INTEGRA® windows and blinds in one place
- VELUX INTEGRA roof windows can be programmed to automatically close and open at set times. The rain sensor will always close the windows in the event of rain



Sunscreening

- VELUX blinds come in a wide range of colours and styles to complement any interior
- As a standalone add-on or in combination with any of our interior blinds, transparent VELUX Awning blinds offer superior heat protection



Ventilation

- A group of roof windows creates a chimney effect for enhanced air circulation
- A VELUX INTEGRA® roof window at the top of a stairway is ideal for airing out the house
- A unique ventilation flap fills your staircase with fresh air even when your window is closed

VELUX Product Guide

We help you choose the best VELUX solution to optimise daylight, ventilation and comfort and ensure a tight and flawless installation.

1 Products

Top-operated roof window GGL/GGU	18
VELUX INTERGRA® roof window GGL/GGU	20
Bottom-operated roof window GPL/GPU	22
Top-operated standard roof window GZL	24
VELUX INTEGRA® Automation Accessories	26
Flat roof window CFP/CVP	28
Sun Tunnel TWR/TWF/TCR/TCF	30
More VELUX solutions for your home	32
Roof windows and exits for inhabited rooms	33
Roof windows and exits for uninhabited rooms	34
Glazing comparison guide	35

2 Installation

Weather-tight flashing system	36
Extra insulation and protection	37
Excellent interior finish	38

3 Sunscreening

Interior blinds	40
Exterior blinds	43
Colours and patterns	44

4 Tools and guides

46

Top-operated roof window, easy opening GGL/GGU

Essential product features

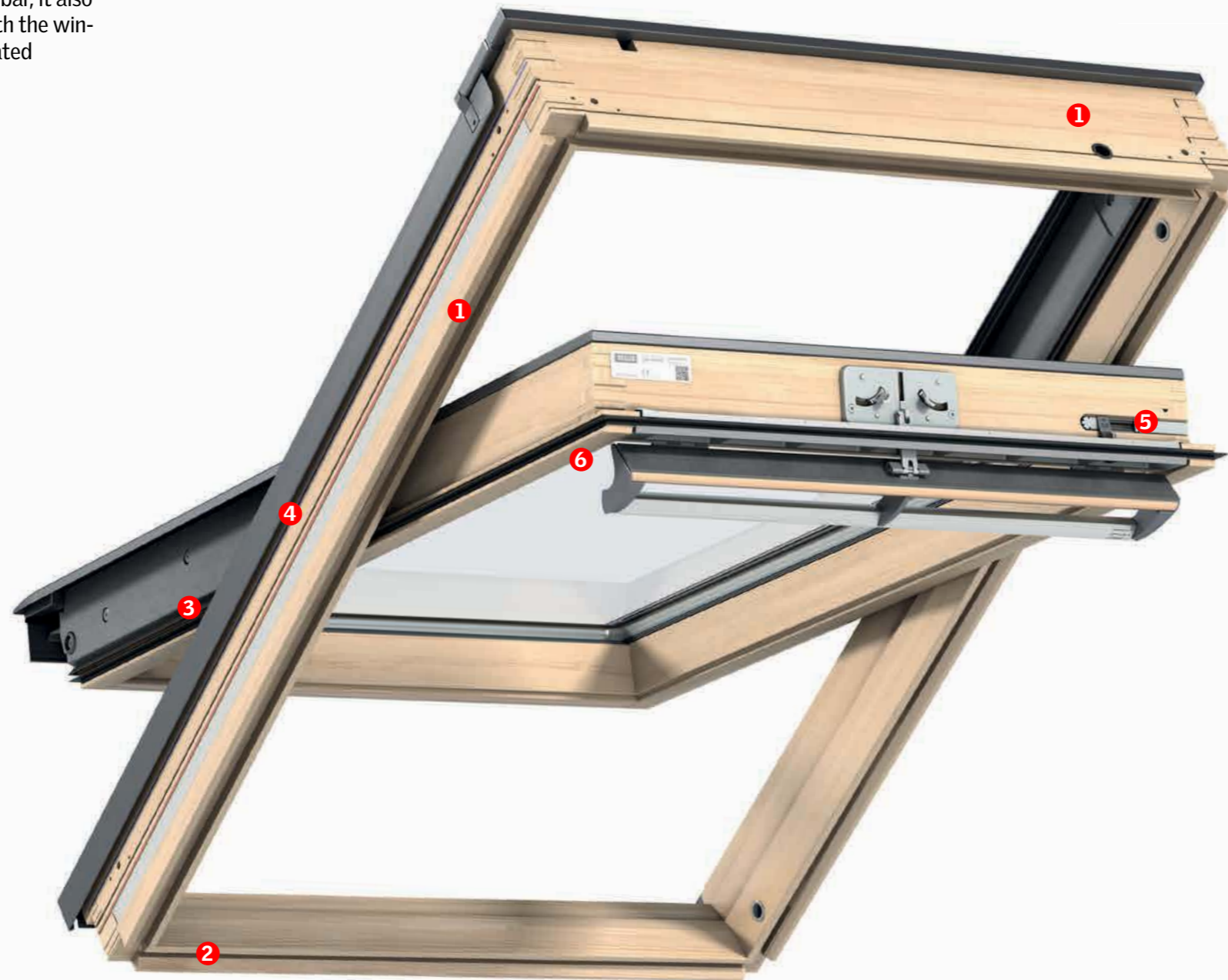
The original VELUX roof window, which set new, visionary standards for quality and operation. The convenient top operation not only makes it easy to open the window with a single-handed tug at the elegant control bar, it also offers the opportunity to place furniture beneath the window. A unique ventilation flap is cleverly integrated in the control bar.



The unique ventilation flap makes it possible to let in fresh air even with the window securely closed. Designed, so that it's easy to see from all angles whether it's in open position. Comes with a replaceable filter that keeps out dust and insects.



The maintenance-free variant features a core of thermo-modified wood with a seamless, waterproof polyurethane coating. A perfect choice for high-humidity rooms or where a maintenance-free window is practical.



1 VELUX ThermoTechnology™ features high-performance, 100% recyclable EPS insulation material in frame and sash.



2 A new corner bracket and a red and blue line make it easy to choose standard or flush installation. Just place the bracket at either of the two lines.



3 Click-on covers make the installation easier, faster and safer. No tools or screws required.



4 High quality pivot hinges designed to be highly stable and maintenance free.



5 For easy cleaning of the outside pane, the barrel bolt locks the roof window in a 180° position. Now both hands are free to clean the fixed pane.



6 Pre-installed Pick&Click!® brackets make the installation of interior suncreening a safe and easy task.



VELUX INTEGRA® roof window GGL/GGU

Essential product features

The VELUX INTEGRA® roof window is an automated version of our well-known pivoting window. It comes complete with a handy control pad that makes it possible to control the window and VELUX INTEGRA® accessories, such as blinds, awnings and shutters. Easy to install and easy to operate. Available in both mains and solar-powered versions.



The unique VELUX INTEGRA® control pad with touch screen and swipe function uses icons to ensure easy and intuitive control. If desired, operation can be fully automated by using pre-defined programs, for instance a "Good Morning" program.



A fully integrated rain sensor is standard in all VELUX INTEGRA® roof windows – mains and solar-powered. If it starts to rain, the sensor immediately activates closing of the windows.



1 Ideal for replacement of existing window, the solar-operated variant requires no wiring.



2 Fully integrated and in the well-known VELUX quality, the motor runs almost without a sound.



3 The ventilation flap can be activated by pre-set programs for regular ventilation, leaving the window securely closed.



4 The roof window has a variable opening mechanism for up to 200 mm.



5 Pre-installed wiring makes it very easy to fit electrical blinds into the Pick&Click!® brackets, fully prepared for installation.



6 The design of the ventilation flap also allows manual operation whenever this may be convenient.



Bottom-operated roof window panoramic view GPL/GPU

Essential product features

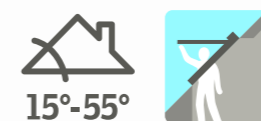
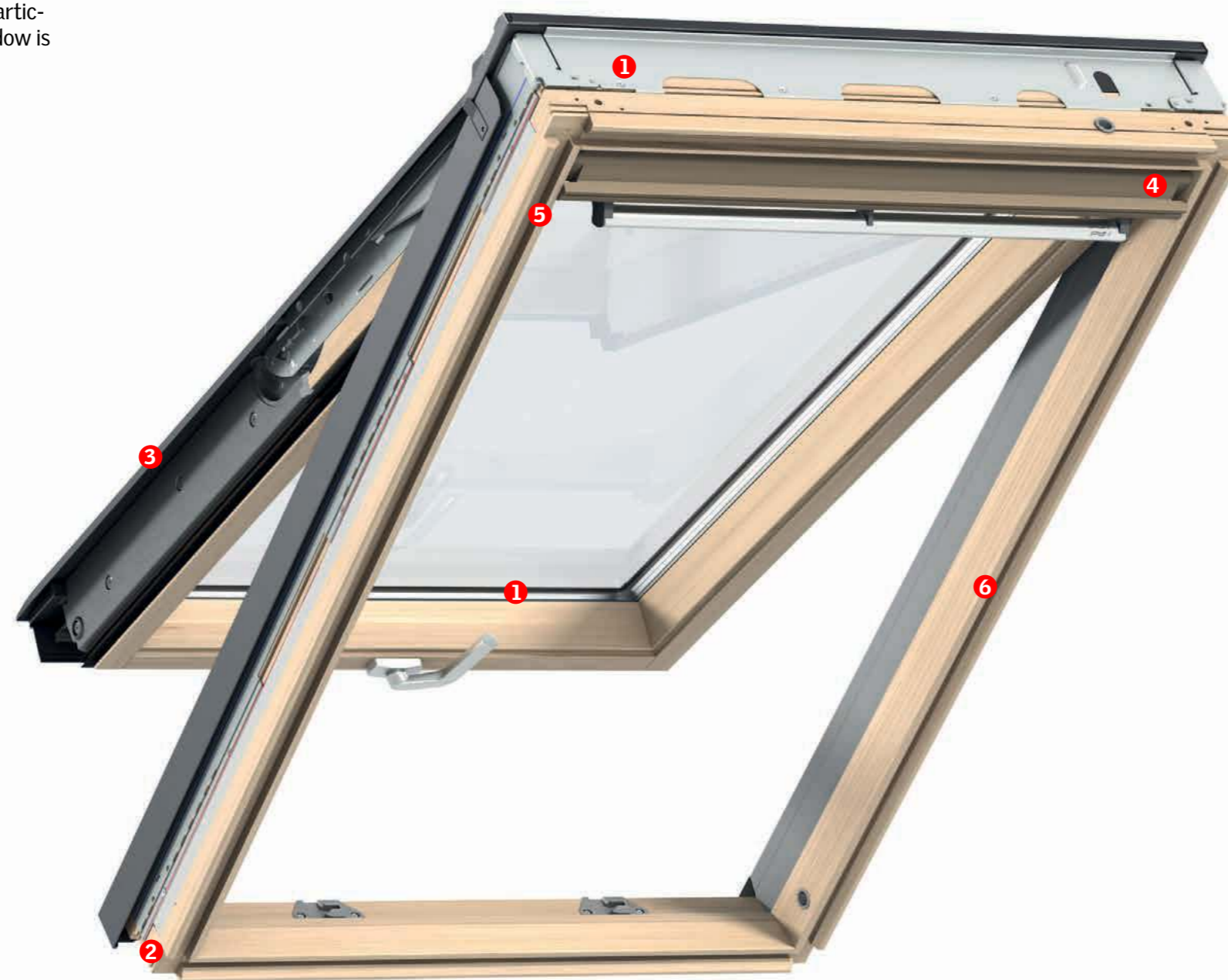
The bottom-operated roof window opens outwards, giving an uninterrupted, panoramic view. Lifting up on its top-hung hinges, it allows you to lean out and be in contact with the outside. The bottom operation is particularly practical in low roof pitches or where the window is installed at a higher level due to eg. high knee walls.



Top-hung roof windows open 45° creating a unique panoramic view. The bottom handle makes it easy to lift the sash up and get full access to the outside view.



The unique ventilation flap makes it possible to let in fresh air even with the window securely closed. Designed, so that it's easy to see from all angles whether it's in open position. Comes with a replaceable filter that keeps out dust and insects.



1 VELUX ThermoTechnology™ features high-performance, 100% recyclable EPS insulation material in frame and sash.



2 A new bracket and a red and blue line make it easy to choose standard or flush installation. Just place the bracket at either of the two lines.



3 Click-on covers make the installation easier, faster and safer. No tools or screws required.



4 For easy cleaning of the outside pane, the barrel bolt locks the roof window in a 180° position. Now both hands are free to clean the fixed pane.



5 Pre-installed Pick&Click® brackets make the installation of interior sunscreening a safe and easy task.



6 A maintenance-free variant featuring a core of thermo-modified wood with a seamless, waterproof polyurethane coating is also available.

Top-operated, standard roof window GZL

Essential product features

The neat top handle bar of the GZL roof window makes it easy to open the window with a convenient single-handed tug. The unique top operation has been designed to give the opportunity to place furniture beneath the window without obstructing access to opening the window.



The convenient top handle bar allows operation without having to lean over possible furniture placed beneath the window. This opens for much more flexibility when furnishing a room with roof windows.



For structures that require a higher position than recommended, for instance high knee walls, a variant with bottom handle is available.



1 Frame and sash are made of pine with with double coating.



2 High quality pivot hinges designed to be highly stable and maintenance free.



3 Low-energy glazing for good heat insulation. Toughened outside glass for extra strength.



4 Pre-installed Pick&Click® brackets make the installation of interior sunscreening a safe and easy task.



5 For easy cleaning of the outside pane, the barrel bolt locks the roof window in a 180° position. Now both hands are free to clean the fixed pane.



6 The GZL comes with an efficient ventilation slot that enables background ventilation even when the window is securely closed. Conveniently designed so that it is possible to see from all angles if the slot is open or not.



VELUX INTEGRA® Automation Accessories

Upgrade your manual VELUX roof window and get all the comfort benefits

Remote-controlled roof windows are extremely useful when they are positioned out of reach. But the VELUX INTEGRA® product program offers a lot more than that. With our portfolio of mains-powered or solar-powered roof windows, blinds, shutters, motors and control systems, we offer the most comprehensive and advanced remote-controlled product program for both flat and sloped roofs.



VELUX INTEGRA® KLR 200

In less than 45 minutes you can upgrade your manual roof window for remote control and enjoy all the benefits of the VELUX INTEGRA® control pad including 8 intelligent pre-defined programs.

Any VELUX INTEGRA® product can be easily opened and closed by a single touch of an icon any time you want. Additionally, you can increase your comfort by leaving some routine demands to the control pad.



VELUX INTEGRA® solar window operator KSX 100

A manual, top-operated pivoted roof window can be easily upgraded to solar-powered operation with the VELUX INTEGRA® solar window operator KSX 100. Installs in minutes as it needs no wires. Within an hour the window can be controlled by the intuitive control pad, powered by the sun and offering various ventilation programs for a better indoor climate and enhanced comfort. Comes complete with rain sensor.



VELUX INTEGRA® conversion kit KMX 100

For applications where frequent use of the electric window operator is essential, we recommend VELUX INTEGRA® window operator KMX 100 that upgrades a manually top-operated, pivoted roof window to electric operation. Ready for installation of VELUX INTEGRA® interior and exterior sunscreening as well as frame lights, it allows for extensive use of the many programs in the VELUX INTEGRA® control pad.



VELUX INTEGRA® window operator KMG 100

Electric window operator for 1 window. Requires VELUX INTEGRA® KUX 100 power supply.



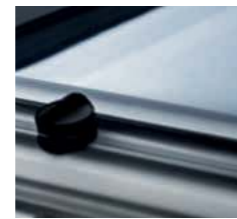
VELUX INTEGRA® control system KUX 100

For basic remote control of a single VELUX INTEGRA® window operator, shutter or blind. Consists of power supply and basic remote control.

Flat roof window CFP/CVP

Essential product features

Many important living spaces in flat roof homes – not to mention commercial buildings – get very little natural light. VELUX flat roof windows can provide the necessary light and air that is needed. Also worth noting is that VELUX flat roof windows are as energy efficient as any other VELUX roof window. So no matter how chilly it gets outside, you'll stay comfortable and warm inside.



1 The flat roof window is fitted with a zinc anchor to keep the dome securely in place.



2 The dome is made of strong acrylic or polycarbonate plastic and available as a clear or opaque cover. The dome is easy to remove for cleaning and maintenance.



The flat roof window is available in a fixed or electrically operated VELUX INTEGRA® version with concealed motor that allows you to ventilate the room by the press of a button. In case of rain, a standard fitted rain sensor will close the roof window immediately.

Just beneath the inner pane there is room for an electrically operated VELUX INTEGRA® blind - pleated blind for a decorative light control or energy blind for a light dimming effect and improved insulation. For efficient heat control, a solar-powered VELUX INTEGRA® awning blind can be installed on top of the outer pane. The flat roof window can be installed on flat and low-pitched roofs from 0° to 15°. The window is well suited for private homes as well as offices and institutional buildings.



VELUX Solar Electric heat-reduction awning blinds for flat roof windows - MSG
Installed between the glazing and the dome, transparent awning blinds are solar-powered and operated by remote control.

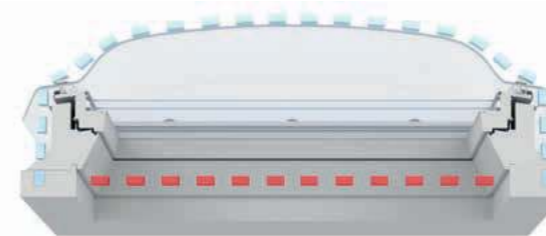


VELUX Electric pleated blinds for flat roof windows - FMG
Perfect for softening incoming daylight and adding a decorative touch, Pleated blinds open and close with a handy remote control. They are io-homecontrol® compatible and available in three colours.



VELUX Electric light dimming blind for flat roof windows - FMK
They have a slim, cordless design and are operated by remote control. Honeycomb pleated material provides stability and significant light reduction. Simple to install and io-homecontrol® compatible.

The heat loss is divided either by the aperture area (VELUX standard) or the surface area (dome standard), see illustration. As the surface area is the largest, this will always result in a lower U-value than using the VELUX standard. Therefore, please note that these two values cannot be compared.



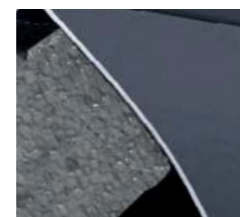
The flat roof window with exit properties has a 60° opening angle to ensure safe passage through the roof. The window is opened manually.



3 Two types of double-glazing are available. Both feature an outer pane made of float glass and a laminated inner pane to protect against breakage.



4 The ventilation filter prevents condensation, ensuring a clear view to the sky.



5 Highly insulating polystyrene is integrated into the frame, providing optimal protection against cold bridging.



6 The lining groove ensures a smooth joint between ceiling and frame, making the installation a seamless part of the interior.



Flat roof kerb ECX



Our flat roof kerb allows you the flexibility to select the most appropriate type of roof window for your application such as GZL, GGL or VELUX INTEGRA® electric or solar powered roof windows. The kerb is angled at 19°, allowing rain and dirt to drain away.



Sun tunnel TWR/TWF/TCR/TCF

Essential product features

A tunnel of highly reflective coating inside carries daylight and moonlight up to 6 meters from a discrete roof window - into the room beneath. Ideal for small rooms and tight spaces.



1 The square roof module harmonises well with other VELUX solutions. An easy-to-clean coating keeps the glass cleaner for longer periods of time.



2 The rigid tunnel comes with a super reflective coating that has a 98% internal reflection rate, meaning that almost all incoming sunlight is transferred to the inside.



3 The 1.8 m rigid sun tunnel can be extended up to 6 m with ZTR extension sections.



4 The discreet ceiling diffuser unit has an acrylic pane that spreads the light throughout the room.

The VELUX Sun tunnel brings daylight to places that would normally have to do with artificial lighting. Interior spaces such as entryways and hallways are often dark and unwelcoming without access to natural light – or the possibility of roof windows. Directing the daylight through a super reflective tunnel, the VELUX Sun tunnel is ideal to lead daylight to such spaces. The effect is brighter and more comfortable living areas. Even on a cloudy winter day, a VELUX sun tunnel generates as much light as a traditional 60W electric bulb. The rigid tunnel is available in two diameters – 10" and 14" – according to the roof material, and can be installed in lengths of up to six meters. The tunnel is also available in a flexible model for a more complex roof structure, but this has a lower reflective effect.

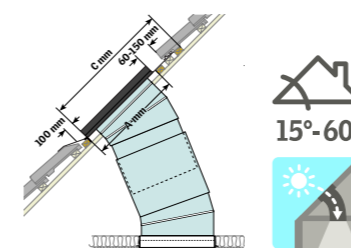
Exclusively for the VELUX sun tunnel, the award-winning industrial designer Ross Lovegrove has created the VELUX Sun tunnel by Lovegrove - an organic interior diffuser in the form of a frozen drop. Reflecting off the drop surface, the incoming light is spread more effectively into the room.



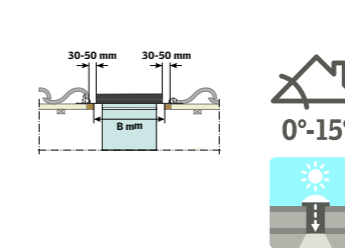
Essential product features



If the roof structure is too complex for a rigid tunnel installation, a flexible sun tunnel is available to bypass obstacles. A flexible installation shouldn't be longer than 1,5 m.



Flat roofs can benefit from a flat roof sun tunnel, which brings natural light into areas of the house, where it is either not possible or appropriate to install a flat roof window.



A tunnel of highly reflective coating inside carries daylight and moonlight up to 6 meters from a discrete roof window - into the room beneath. Ideal for small rooms and tight spaces.



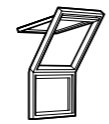
More VELUX solutions for your home

Cabrio® balcony GDL



The VELUX Cabrio® turns your roof window into a balcony in seconds so you can step into the fresh air without leaving your home. It's perfect for opening up your room to the outside and gives you the best possible view. Combine it with a top-hung roof window and a fixed bottom element to offer extra views, ventilation and daylight. A great way to add value and a real "wow" factor to a property.

Facade element VFE



Ideal for mansard roofs, the VFE facade element combined with VELUX roof windows gives you a floor to ceiling opening to the outside. The result is a fantastic view of the world below and a wall of light inside your home.

Roof windows and exits for inhabited rooms

Roof exit for inhabited rooms GTL/GTU



Our GTU and GTL roof windows include all the well-known features of our top-hung roof windows, but additionally they provide easy and comfortable access to the roof. The top-hung function and large opening angle of 67° give excellent access to the outside and the window meets the requirements for rescue openings. GTU comes with maintenance-free polyurethane coating, which makes it a great choice for high-humidity areas, such as kitchens or bathrooms. The GTL model adds the warm glow of natural pine wood to any of your rooms under the roof. Available in non-laminated or laminated glazing.

Available in sizes:
MK08: 78 x 140 cm.
SK08: 114 x 140 cm.



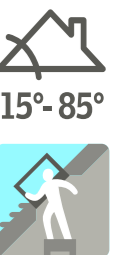
Roof exit for inhabited rooms GXL/GXU



Our GXU and GXL roof windows include all the well-known features of our other roof windows, but as they are side-hung, they are also a very convenient roof exit for your heated loft area. Very comfortable for craftsmen and builders that need access to the roof. GXU comes with maintenance-free polyurethane coating, which makes it a great choice for high-humidity areas, such as kitchens or bathrooms and GXL in classic pinewood is a good choice when a more natural look is wanted. Available in non-laminated or laminated glazing.

GXL available in size:
FK06: 66 x 118 cm.

GXU available in sizes:
CK06: 55 x 118 cm.
FK06: 66 x 118 cm.



Roof windows and exits for uninhabited rooms

Roof window and roof exit for uninhabited rooms VELTA (VLT 1000)



VELTA roof exit is specially designed for non-insulated, uninhabited attics. The frame is made of pinewood with an exterior metal-cladding and the sash is made of aluminum. Comes with insulating glass unit and integrated flashings.

Available in 5 sizes:
VLT 024: 90 x 48 cm. Top-hung only.

VLT 025: 45 x 55 cm. Top-hung, with the option of right side hung.

VLT 029: 45 x 73 cm. Top-hung, with the option of right side hung. Provides easy roof access for craftsmen.

VLT 033: 85 x 85 cm.
Side hung only – optional left or right.
Provides easy roof access for craftsmen.

VLT 034: 48 x 90 cm. Top-hung, with the option of right side hung.



Roof exit for uninhabited rooms GVT 103



Our practical, maintenance-free window GVT 103 gives builders, chimney sweeps and other craftsmen easy access to your roof. It is made of weather-resistant polyurethane and comes complete with insulating glass unit, opening restrictor and integrated flashing. Optional right or left side-hung function.

GVT 103 is 54 x 83 cm and the bottom frame is covered by a grooved tread to provide a firm, non-slip foothold. GVT 103 is available in black or brick red.



Glazing comparison guide

VELUX glazing provides heat insulation, sound insulation, added strength and safety – and protection from the elements. The guide below helps you select the right glazing for your project.

We recommend that you consider using glazing units with laminated glass on the inside for windows placed above areas where people sleep, play or work.



Traditional building
Renovation, extensions and new build

Glazing options	Standard --50	Safety --70	Comfort --60
Heat insulation Low-energy glazing units provide reduced heat loss through the window and enhanced indoor comfort.	•	•	••
Solar gain In the wintertime, the heat from the sun that enters the building through windows is a usable solar gain.	•••	•••	••
Sound insulation A combination of laminated glass and optimal glass thicknesses provides better sound insulation. Frame and sash constructions and gaskets are equally important.	•	••	•••
Energy Balance The energy balance represents the ability of the roof window to utilise the passive solar gain and keep in the heat during winter and its ability to protect against overheating during summer. Sun screening products can further improve indoor summer comfort.	✓	✓	✓
Safety Inner laminated glass ensures personal safety. It is designed to hold the fragments together if the glass shatters.		✓	✓
Outside strength Toughened outer glass makes your glazing unit more resistant to hail, heavy wind and snow loads.	✓	✓	✓
Rain noise reduction The combination of laminated glass and extra thick glass helps provide a significant audible reduction of rainfall sound. Frame and sash constructions and gaskets are equally important.			✓
Easy-to-clean The easy-to-clean coating minimizes the cleaning frequency of the outer glass pane and gives you a clearer view in case of rain or dew on the outer glass.		✓	✓
Anti-dew The anti-dew coating significantly reduces the days with outside dew on the glazing unit and thus gives you a clear view.			
Anti-dew and easy-to-clean coating The unique combination of anti-dew coating and easy-to-clean coating reduces outside dew and minimizes the cleaning frequency giving you a clearer view.			
Thermal transmittance U_w (Norm EN ISO 12567-2)	1,3	1,3	1,2
Thermal transmittance of center of glass U_g (Norm EN 673)	1,1	1,1	1,0
Total solar energy transmittance g value (Norm EN 410)	66%	64%	50%
Light transmittance τ_v (Norm EN 410)	80%	79%	74%
Sound insulation (C; Ctr) R_w (Norm EN 717-1)	32(-2;-5)	35(-1;-3)	37(-1;-3)

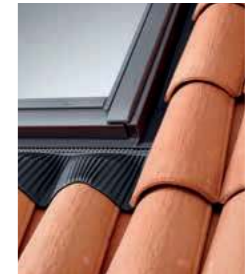
• Good •• Better ••• Best
✓ Feature included in glazing type

Choose a reliable and durable installation

- A** = Weather-tight flashing system
- B** = Extra insulation and protection
- C** = Excellent interior finish

A Weather-tight flashing system EDW or EDS

Your new VELUX roof window must be installed with a flashing. Our flashings are precisionmade to fit the specific window size accurately and provide a watertight seal between your VELUX roof window and the roofing material. They are designed to drain water safely and effectively and they come in different versions to match the specific roofing material.



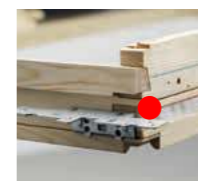
EDW Flashing
High-profiled roofing material up to 120 mm



EDS Flashing
Flat roofing material up to 8 mm

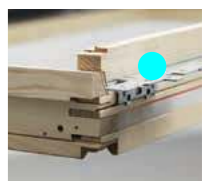
Optional heights

Normal height 0-level



0 level height – install the brackets at top and bottom of frame at red line to use with EDW/EDL flashings.

Flush height -40mm level



-40 mm level height – install the brackets at the sides of the frame at blue line to use with EDJ/EDN flashings

B Extra insulation and protection BDX 2000



Optimize your new roof window and get an even more energy efficient and durable installation. The BDX kit includes an insulation frame **B1** for extra insulation between the window frame and the roof and a pleated underfelt collar **B3**, which ensures a tight seal between the window and the roofing felt. A drainage gutter **B2** leads water that may penetrate the roofing material away from the window.

Original VELUX products for safe installation
BFX 1000



Underfelt collar and drainage gutter

- Perfect fit to window dimensions ensures an easy and secure installation
- Easy to attach to window and dress onto battens
- Breathable membrane minimises the risk of condensation
- Corner connections with self-adhesive, overlapping flaps ensure watertight and simple installation
- The collar can be installed on both flat and profiled roofing material
- Adjustable and self-supporting drainage gutter with clip fixation of the underfelt

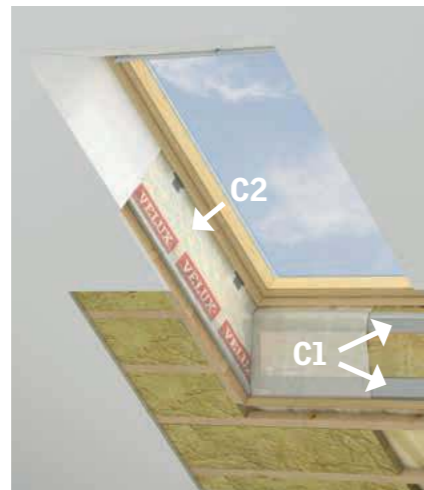
Original VELUX products for safe installation
BBX 0000



Vapour barrier collar

- Complete vapour barrier collar, fully welded in all corners
- Pre-fitted rubber seals along the entire sides make final installation a one-step job and guarantee a 100% vapour-tight solution
- Reinforced corners for extra security against penetration
- Clear markings with logo ensure correct collar orientation
- VELUX installation tool helps fit the collar in a matter of minutes
- Extra corner reinforcing

C Excellent interior finish
LSB/LSC/LSD 2000 and LSG 1000 **New!**



If you want a ready-made solution, our prefabricated lining LSB/LSC/LSD 2000 makes installation easy, with no need for additional painting or adhesives. VELUX linings are made in water-resistant material and fit perfectly with VELUX roof windows and insulation products for an airtight seal. Includes BBX vapour barrier.

Use our new lining frame kit LSG 1000 to optimize your interior lining. The ready-to-assemble steel frame **C1** forms a perfect structure for shaping your own lining. The design also makes it possible to add extra insulation material. Includes BBX vapour barrier **C2**, which is 100% vapour-tight and prevents condensation.

Installation products

We have sorted our installation products in logical packages that ensure that you are not missing important components needed to complete your work.


All our installation products come with full product specifications and comprehensive step-by-step instructions.


Whenever you choose a VELUX installation package, you can rely on a fast, secure and efficient installation every time.


	Original VELUX Flashings	Underfelt collar BFX	Water drainage gutter	Insulation frame BDX	Vapour barrier collar BBX	Interior lining LSB / LSC / LSD	Lining frame kit LSG
Flashings							
BFX 1000							
BDX 2000							
BBX							
LSB / LSC / LSD 2000							
LSG 1000							

Sunscreening

Sunscreening operations

 Hand operated

 Electrically operated

 Solar operated



Blackout blinds

Providing total darkness anytime, VELUX blackout blinds are ideal in bedrooms where complete light control is a must. The blind fits perfectly with your VELUX roof window for a tight, lightproof seal.

- Total blackout – best on the market
- Step-less positioning
- Modern, slim design
- Reflective back coating improves insulation
- Installs in minutes with our unique Pick&Click!® system
- 40 different colours and designs

Combinations

Add a VELUX FPN supplementary pleated blind for daytime light control and decoration. Can also be combined with an exterior awning blind for heat protection.

Operation



Duo blackout blind

Our duo blackout blind is a blackout blind and a pleated blind in one. It provides total blackout anytime, as well as softly diffused daylight and decoration. This 2-in-1 blind is available in four different blackout blind colours in combination with a white pleated blind.

VELUX supplementary pleated blinds

The "My Creation" VELUX duo blackout blind is a custom combination of any VELUX blackout blind and any VELUX supplementary pleated blind, FPN. This way you can choose from our entire range of colours and designs.

Combinations

For additional comfort and heat protection, the duo blackout blind can be combined with an exterior awning blind.

Operation



Energy blinds

The VELUX energy blind offers variable blackout and an insulation effect of up to 34%. The double-pleated blackout cloth has an aluminium honeycomb structure within for significantly improved insulation. Energy blinds are not fixed at the top or bottom, so you can position them exactly where you need them for light control and privacy.

- Blackout effect
- Flexible and step-less positioning
- Improved insulation
- Sleek design – no visible cords
- Installs in minutes with our unique Pick&Click!® system
- 9 colour choices

Combinations

For additional heat protection, you can combine the energy blind with our exterior awning blind.

Operation



Pick&Click!®

VELUX roof windows are fitted with pre-installed brackets to ease installation and to ensure a perfect fit every time.



Pleated blinds

VELUX pleated blinds bathe your room in an elegant, soft light. Position the blinds anywhere in the window to adjust the amount of incoming light and still enjoy a view of the outside.

- Flexible and step-less positioning
- Decorative lighting effect
- Installs in minutes with our unique Pick&Click!® system
- 33 different colours and designs

Roller blinds

A simple, stylish way to soften incoming light and achieve basic privacy.

- Diffuses sunlight
- Provides privacy
- Available with side rails and step-less positioning in 37 different colours and designs
- Available with hooks and 3-step positioning in 4 basic colours
- Installs in minutes with our unique Pick&Click!® system

Venetian blinds

Low-maintenance, moisture-resistant venetian blinds are perfect for bathrooms and kitchens. Their unique cordless design eliminates unsightly hanging cords and allows you to easily tilt the slats in any direction for optimum light adjustment.

- Perfect for high humidity rooms
- Easy to clean
- Cordless operation is smooth and simple
- Installs in minutes with our unique Pick&Click!® system
- 9 colour choices

Awning blinds

VELUX awning blinds offer effective heat protection by blocking the sun's rays before they hit the window pane. Best of all, our awning blinds are transparent, so you can still enjoy your view. They are easy to install from inside your home.

- Effective heat protection – reduces heat intake by up to 90%
- Net fabric allows light into the room and preserves the view
- Installed and controlled from inside
- 3 colour choices

Roller shutters

VELUX Roller shutters offer ultimate light and heat protection, extra security and rain noise reduction. They are made of hard-wearing aluminium to ensure top performance no matter what nature throws at them.

- Effective heat protection – reduces heat intake by up to 90%
- Fit perfectly with VELUX roof windows
- invisible from the inside when not in use
- Installed from the outside and controlled from inside
- 2 colour choices

Insect screens

VELUX insect screens let you enjoy fresh air – without the insects. They are simple to operate, and they fit any VELUX roof window. Insect screens stow neatly away in the slim aluminium top casing when not in use.

- 100% insect-proof net fabric
- Durable, transparent fabric does not obstruct your view
- Easy installation

Combinations

Combine your pleated blinds with exterior awning blinds or roller shutters for additional heat protection and comfort.

Operations



Combinations

Combine your roller blinds with exterior awning blinds or roller shutters for additional heat protection and comfort.

Operations



Combinations

Combine your venetian blinds with exterior awning blinds or roller shutters for additional heat protection and comfort.

Operations



Combinations

VELUX awning blinds can be combined with any VELUX interior blinds.

Operation



Combinations

VELUX roller shutters can be combined with any VELUX interior blinds.

Operations



Combinations

Insect screens can be combined with any interior or exterior VELUX blinds or shutters.

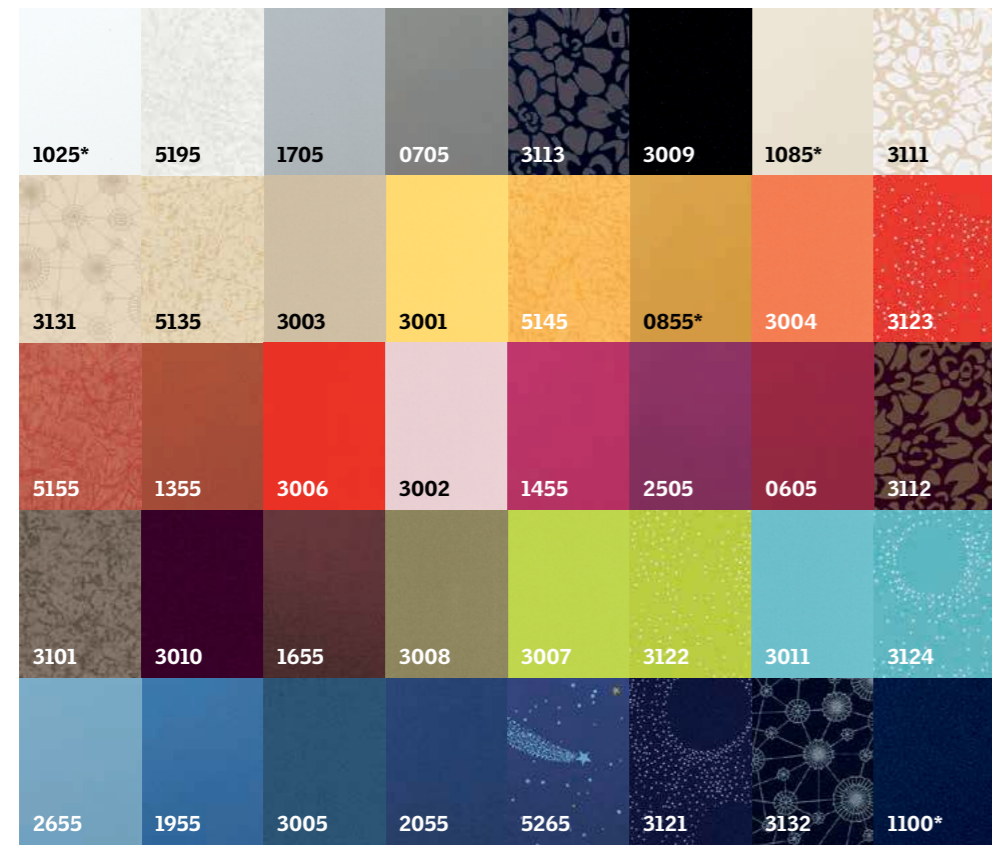
Operations



Colours & patterns

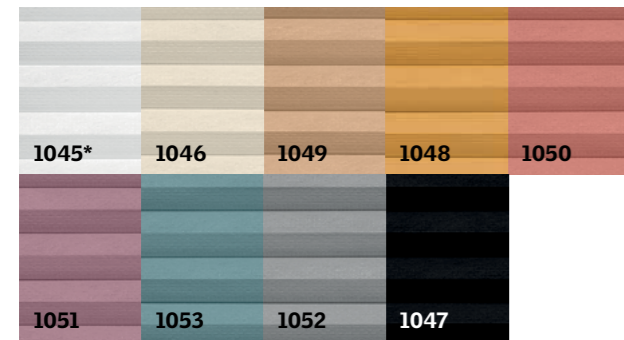
Want to add a splash of decoration to your child's room? Or give your living room a hint of colour? With so many designs to choose from, it's easy to find the right VELUX blinds to complement any interior.

Blackout blinds



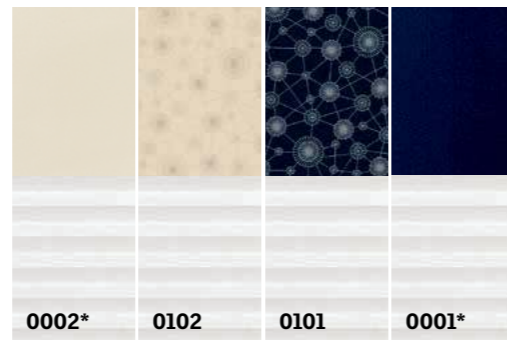
*Standard colour

Energy blinds



*Standard colour

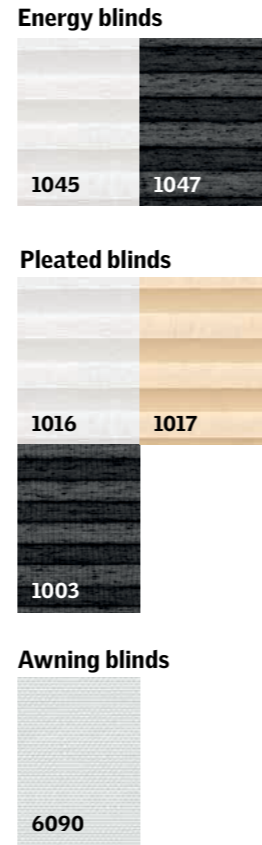
Duo blackout blinds



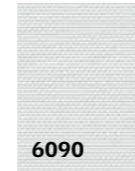
*Standard colour



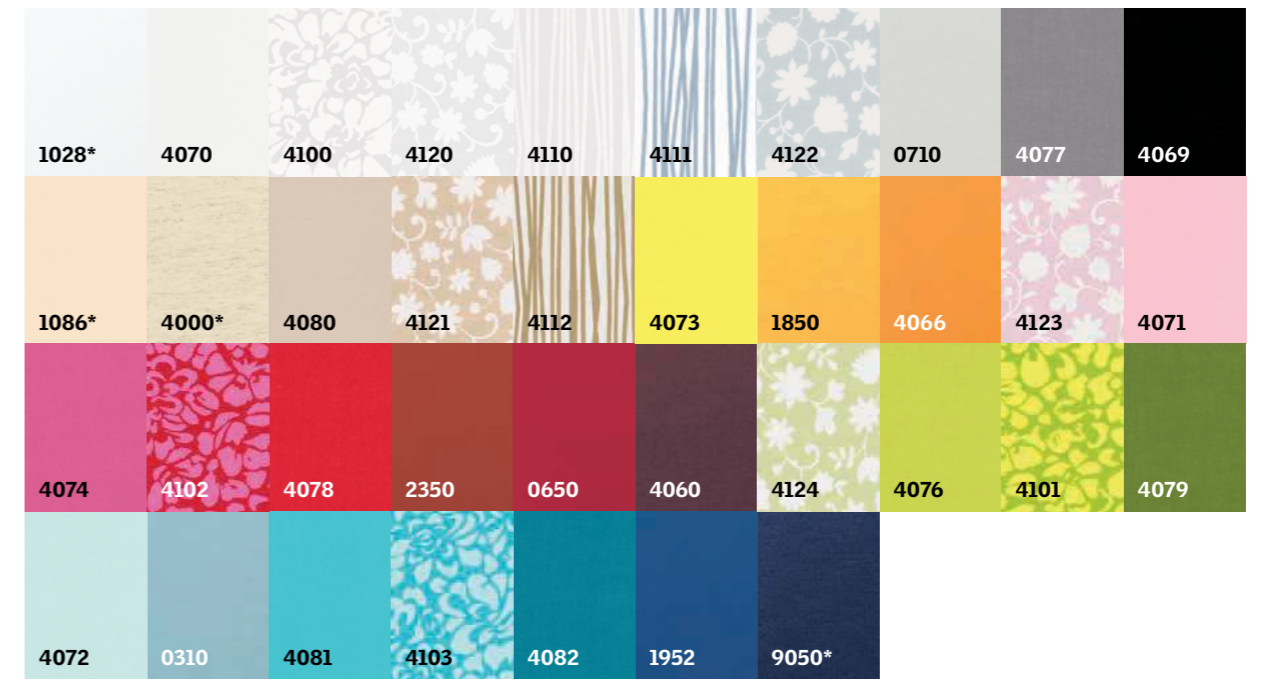
Flat roof window



Awning blinds

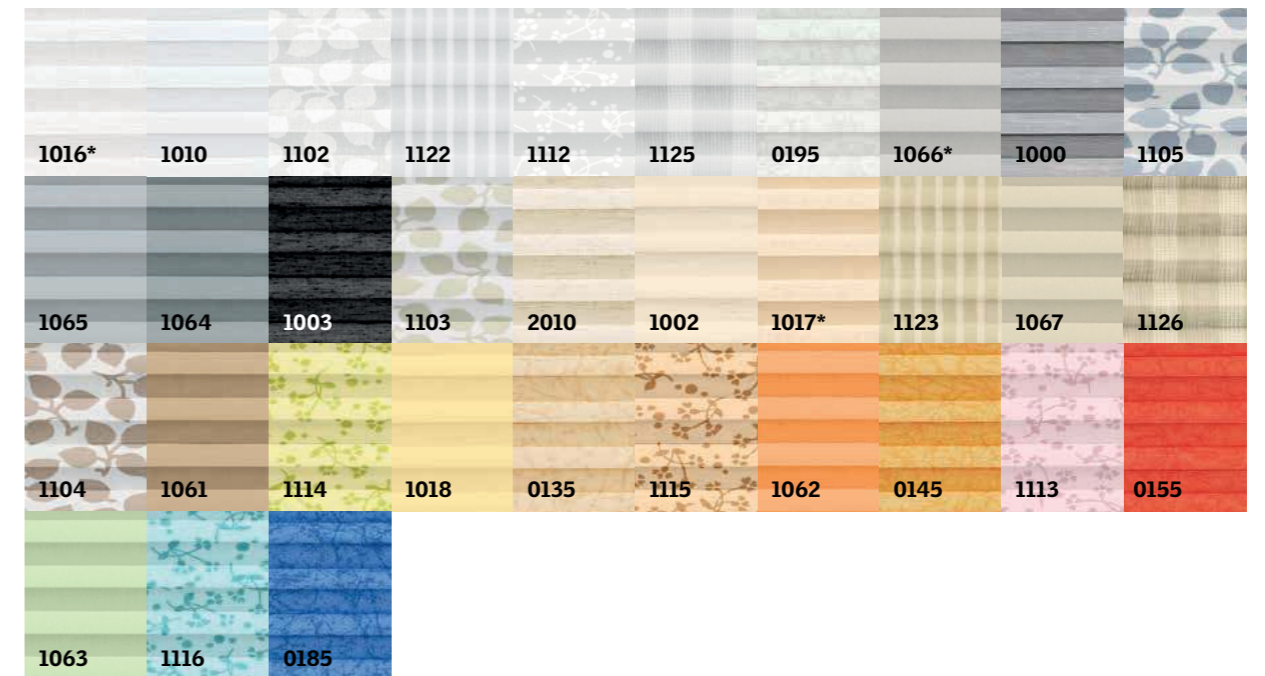


Roller blinds



*Standard colour

Pleated blinds



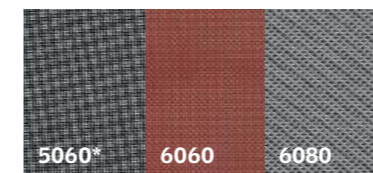
*Standard colour

Venetian blinds



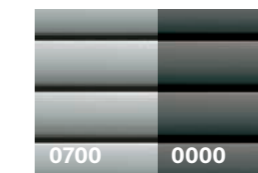
*Standard colour

Awning blinds



*Standard colour

Shutters



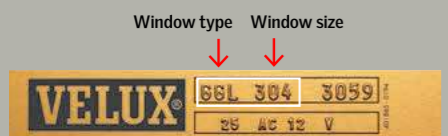
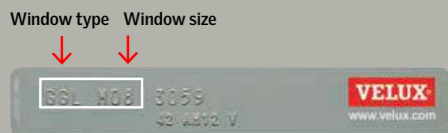
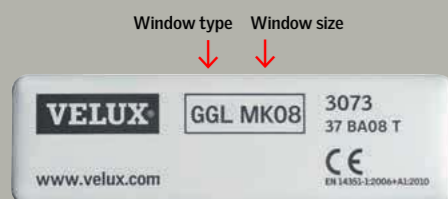
Insect screen



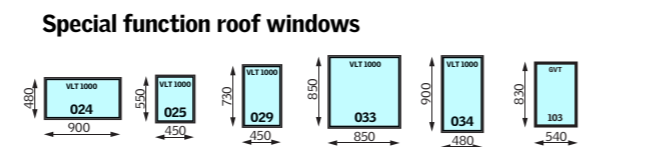
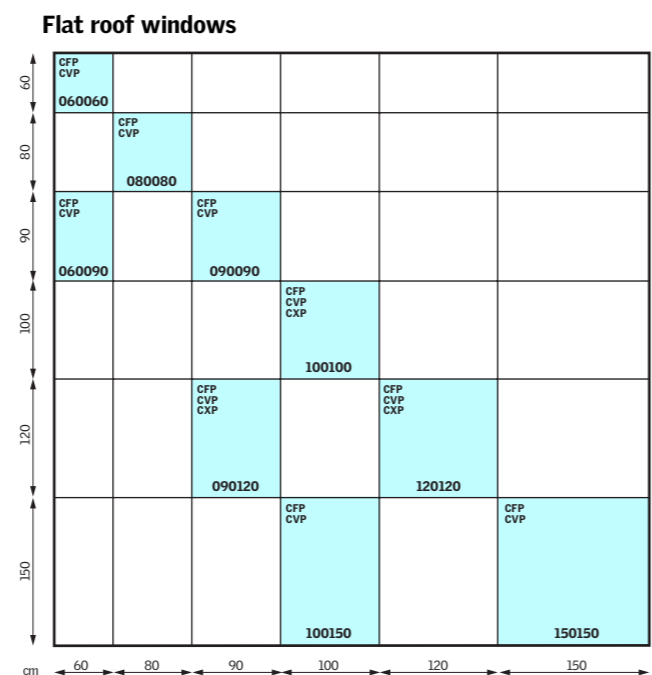
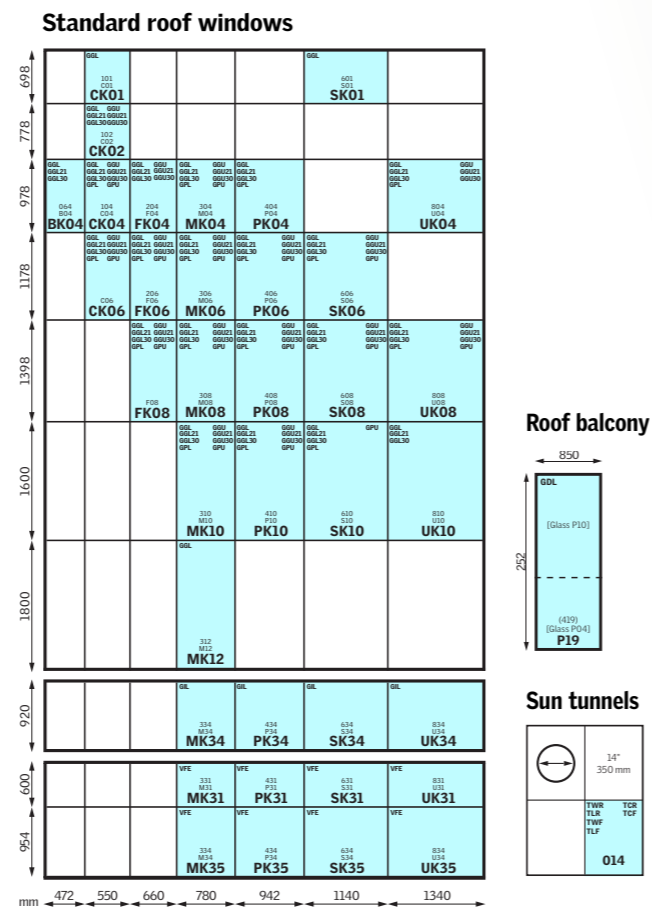
Replace any VELUX roof window or pane

You can easily upgrade your existing VELUX roof window to our new generation window. The dimensions of the frame are the same, so all you need to do is find your roof window code.

Every VELUX roof window has a unique data plate that lists the type and size of the window – all the information you need to successfully order a replacement window. The appearance and location of the data plate varies depending on the age of your window.

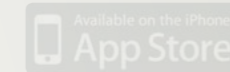


VELUX size chart



Know everything everywhere

You might want to consider tagging the new VELUX mobile website for professionals as one of your favourites on your mobile phone. The new mobile website gives you direct access to relevant product information regarding the new generation of VELUX roof windows.



Experience app
It is now possible to try out VELUX products at home with our VELUX Experience app. Try different window combinations in your own room to match your daylight and compare different VELUX solutions in the same room.

The installer app is a handy tool
Use it to find photos and new solutions and seek out specific products. You can even file notes and other important information.

Learn more
Visit us online at www.velux.com to find more product details, prices and inspiration. Get helpful tips for your project in our room gallery and home planner.

Our inspiration site is also available on your tablet and mobile phone.



VELUX INTERNATIONAL (VELUX A/S)
Aadalsvej 99
DK-2970 Horsholm
Denmark
Telephone +45 7632 9240
Telephone +351 913 469 181
velux-int@velux.com
www.velux.com

Bringing light to life™

VELUX®