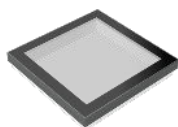
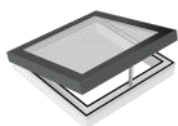




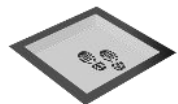
SkyVision flat roof windows



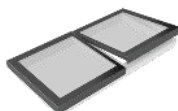
SkyVision FIXED
Fixed-glazed skylight



SkyVision COMFORT
Skylight for ventilation



SkyVision WALK-ON
Treadable floorlights



SkyVision LINEAR
Modular combined skylights



SkyVision ACCESS
Skylight for smoke vent or roof exit



SkyVision CIRCULAR
Round skylight

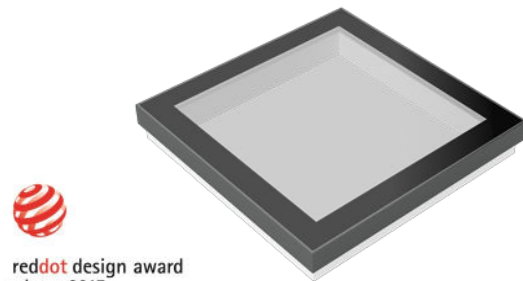


reddot design award
winner 2017

»The functional design of the flat roof window SkyVision Fixed impresses with its high utility value, high-quality use of materials and attractive aesthetics.«

Flat roof windows custom-made

SkyVision FIXED Fixed-glazed skylight



The **SkyVision FIXED** is the fixed version to enjoy natural daylight incidence. The product is suitable for flat roofs with a pitch from 0° up to 30°.

SkyVision roof-lights ensure max. light efficiency and profitable heat use in the home, workplace or warehouse.

In contrast to dome lights, which become porous over time, the **SkyVision FIXED** convinces with insulation glass, smart design and long endurance. The product is classified as a beautiful design flat roof window.

Technical specifications:

Roof pitch: 0 to 30 degrees (4 degrees recommended)

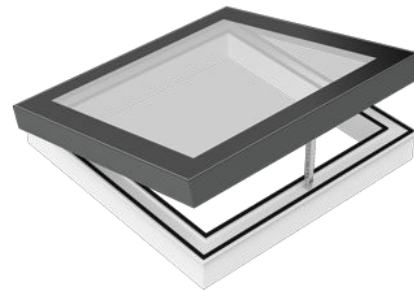
2-layer glazing	3-layer glazing (Ecoline)
Width: 250 – 3000 mm	Width: 250 – 3000 mm
Length: 250 – 1600 mm	Length: 250 – 1600 mm
Height: 210 – 750 mm	Height: 210 – 750 mm

Ug: 1.10 W/m² K*	Ug: 0.70 W/m² K*
Uw: 0.97 W/m² K	Uw: 0.65 W/m² K

Optional

- Opal lamination (opaque glazing)
- Solar blinds inside (motorised)
- Dimming inside (motorised)
- Solar blinds outside (motorised)

SkyVision COMFORT Skylight for ventilation



The **SkyVision COMFORT** is the alternative for enjoying natural daylight incidence with comfort ventilation. The window can be opened motorised by a hidden chain drive.

All in all a **SkyVision COMFORT** presents the smart solution for bringing natural light and air into your home. The ventilation can be automated with control by the weather station when required.

Technical specifications:

Roof pitch: 0 to 30 degrees (4 degrees recommended)

2-layer glazing	3-layer glazing (Ecoline)
Width: 600 – 3000 mm	Width: 600 – 3000 mm
Length: 600 – 1600 mm	Length: 600 – 1600 mm
Height: 210 – 750 mm	Height: 210 – 750 mm

Ug: 1.10 W/m² K*	Ug: 0.70 W/m² K*
Uw: 0.97 W/m² K	Uw: 0.65 W/m² K

Drive system

24 volts / 300 mm chain opening (other stroke on request)

Optional

- Power supply 230/24 volts
(if necessary, with control by weather station)
- Opal lamination (opaque glazing)
- Solar blinds inside (motorised)
- Dimming inside (motorised)
- Solar blinds outside (motorised)

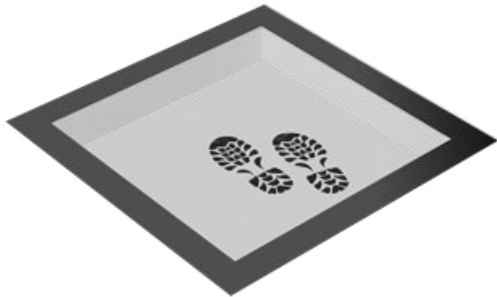
* according to DIN 673

All glass panes have a 115 mm wide black silkscreen edge on all sides for UV protection. The glass substrate is delivered in RAL 7043 (traffic grey B). Additionally the substructure's internal side is RAL 9010 (pure white) coloured. Other RAL Classic colours also possible.



Flat roof windows custom-made

SkyVision WALK-ON Treadable floorlights



The SkyVision WALK-ON shows the treadable SkyVision FIXED version – suitable as flush-mounted glazing, e.g. on terraces, roof terraces and green roofs. The glazing is tested with a load capacity of 500 kg / m².

The SkyVision WALK-ON units can also be combined to follow on from walkable roof glazing.

Technical specifications:

Roof pitch: 0 to 30 degrees (4 degrees recommended)

2-layer glazing

Width: 250 – 2800 mm
Length: 250 – 2000 mm
Height: 210 – 750 mm

Ug: 1.30 W/m² K*
Uw: 1.06 W/m² K

3-layer glazing (Ecoline)

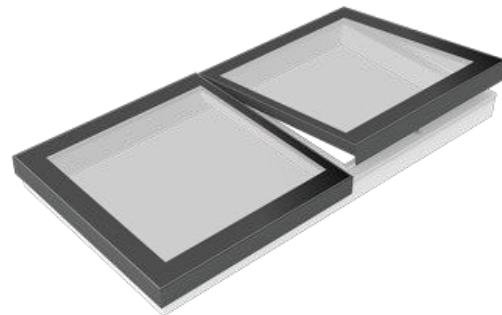
Width: 250 – 2800 mm
Length: 250 – 2000 mm
Height: 210 – 750 mm

Ug: 0.70 W/m² K*
Uw: 0.65 W/m² K

Optional

- Anti-slip coating
- Opal lamination (opaque glazing)
- Solar blinds inside (motorised)
- Dimming inside (motorised)

SkyVision LINEAR Modular combined skylights



Our SkyVision LINEAR represents a modular combination of the **reddot design award** winner SkyVision FIXED and the SkyVision COMFORT. Because of the optional apposition of both modules any length of roof glazing is possible.

Technical specifications:

Roof pitch: 0 to 30 degrees (4 degrees recommended)

2-layer glazing

Only with module FIXED

Width: 250 – 3000 mm

3-layer glazing (Ecoline)

Width: 250 – 3000 mm

Only with module COMFORT

Width: 600 – 3000 mm

Length: 600 – 2000 mm

Height: 210 – 750 mm

Width: 600 – 3000 mm

Length: 600 – 2000 mm

Height: 210 – 750 mm

Short side max. 1600 mm

Ug: 1.10 W/m² K*

Uw: 0.97 W/m² K

Ug: 0.70 W/m² K*

Uw: 0.65 W/m² K

Drive system (only with module COMFORT)

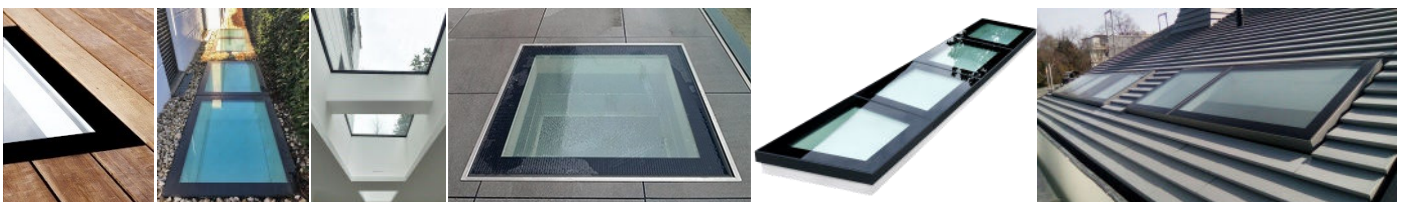
24 volts / 300 mm chain opening (other stroke on request)

Optional

- Power supply 230/24 volts (only with module COMFORT)
- Opal lamination (opaque glazing)
- Solar blinds inside (motorised)
- Dimming inside (motorised)

* according to DIN 673

All glass panes have a 115 mm wide black silkscreen edge on all sides for UV protection. The glass substrate is delivered in RAL 7043 (traffic grey B). Additionally the substructure's internal side is RAL 9010 (pure white) coloured. Other RAL Classic colours also possible.



Flat roof windows custom-made

SkyVision ACCESS

Skylight for smoke vent or roof exit



The SkyVision ACCESS can be used as a smoke vent (SE) or as a roof exit window.

Regarding the SE function, the window can be opened via a pushbutton or fire alarm switch. The SkyVision ACCESS can be programmed with partial opening if required to achieve comfortable ventilation.

Technical specifications:

Roof pitch: 0 to 30 degrees (4 degrees recommended)

2-layer glazing

Width: 1000 mm
Length: 1000 mm
Height: 245 mm

Ug: 1.10 W/m² K*
Uw: 0.97 W/m² K

Opening angle

75 degrees

Optional

- Ventilation control
- Control for smoke extraction (opening time < 60 sec.)
- Opal lamination (opaque glazing)

SkyVision CIRCULAR

Round skylight



The SkyVision CIRCULAR shows the round version of the SkyVision series. This skylight is only available in fixed glazing.

Optionally, the product is also available as a walkable alternative (SkyVision CIRCULAR WALK-ON). Then the glazing is tested with a load capacity of 500 kg / m².

Altogether our product illustrates a beautiful eye-catcher on terraces and flat roofs.

Technical specifications:

Roof pitch: 0 to 30 degrees (4 degrees recommended)

2-layer glazing

Diam:** 600 – 2000 mm
Height: 210 – 750 mm

Ug: 1.10 W/m² K*
Uw: 0.97 W/m² K

3-layer glazing (Ecoline)

Diam:** 600 – 2000 mm
Height: 210 – 750 mm

Ug: 0.70 W/m² K*
Uw: 0.87 W/m² K

Optional

- Anti-slip coating
- Opal lamination (opaque glazing)

* according to DIN 673

** internal diameter or rough opening

All glass panes have a 115 mm wide black silkscreen edge on all sides for UV protection. The glass substrate is delivered in RAL 7043 (traffic grey B). Additionally the substructure's internal side is RAL 9010 (pure white) coloured. Other RAL Classic colours also possible.



Flat roof windows custom-made

GLASOLUX SMW20 External shading



With its flat and compact design, the **GLASOLUX SMW20** external shade adapts perfectly to the design of the **SkyVision** flat roof windows. The product demonstrates the ideal heat and glare protection in summer. Due to the innovative guide system, light gaps between the fabric and the rail are avoided.

The **GLASOLUX SMW20** external shade is supplied with a 230 volts electrical drive.

Technical specifications:

Width: 1000 – 6000 mm
Length: 1000 – 4000 mm

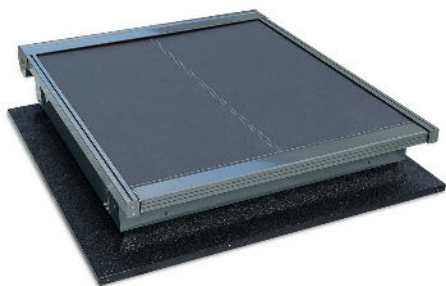
Drive system
230 volts

Colour / curtain

The frame is delivered as standard in RAL 7043 (traffic grey B). Other RAL Classic colours are also offered. Furthermore the curtain material is acrylic standard / lumera, the colour is selectable. We provide other curtain materials on request.

Optional

- Radio control
- Control with weather station



GLASOLUX GSB24V Internal shadowing



The internal shadowing **GLASOLUX GSB24V** is made of high-quality polyester fabric to honeycomb pleats. Our product ensures UV stability, antistatic coat (dust-repellent). Available in different colours.

In addition, the 24v drive is concealed in the profile, the control is via filigree nylon cords.

Technical specifications:

Width: 600 – 1500 mm
Length: 1000 – 4000 mm

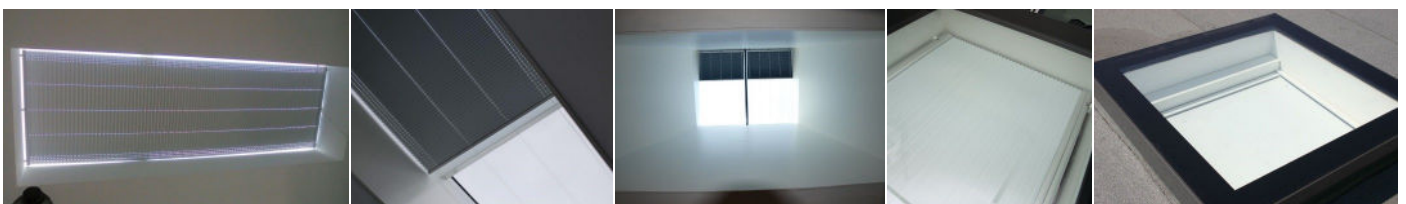
Drive system
24 volts

Colour / curtain

We deliver the upper and lower retaining profile in Eloxal (E6/EV1) as standard. Other colours are possible on request. In general, the pleated curtain is white facing the glass and grey facing the interior space. Other curtains and materials available on request.

Optional

- Power supply 230/24 volts
- Radio control



Flat roof windows custom-made

Site measuring and installation example

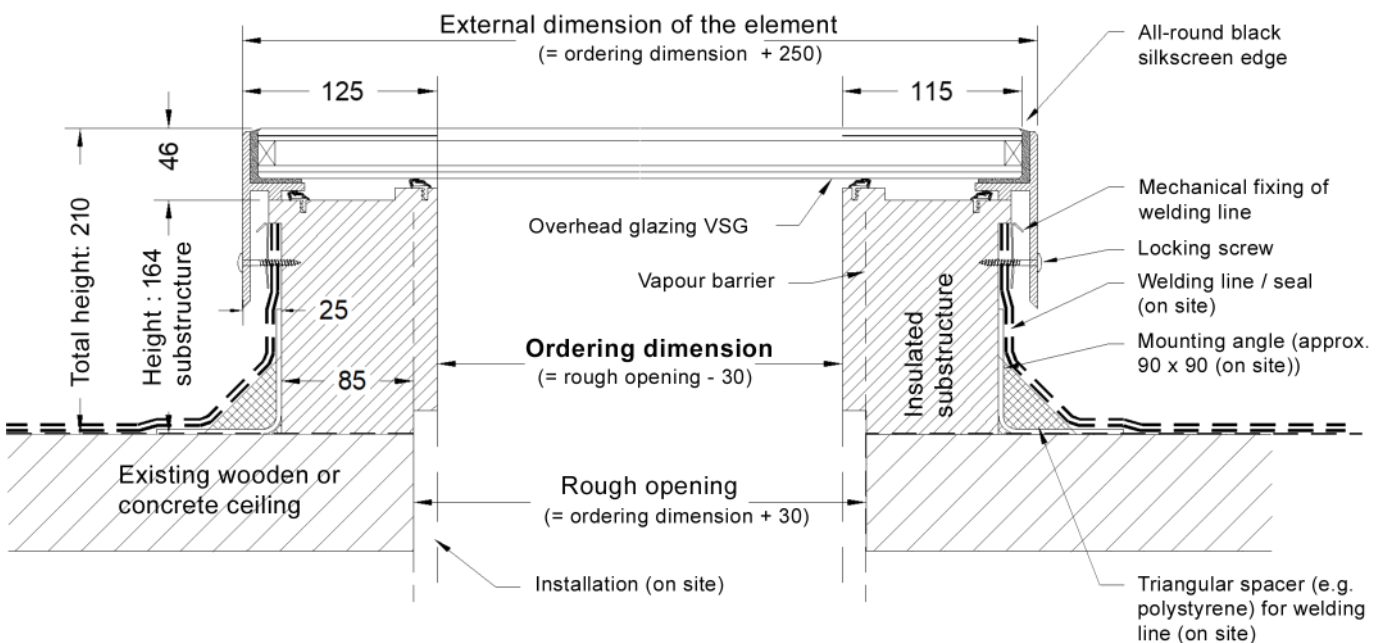
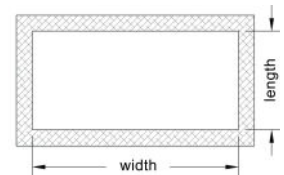
From this site measuring and installation example you will obtain an exemplary dimensional calculation, installation of our rectangular products of the SkyVision series. These are the following SkyVision models:

- SkyVision FIXED
- SkyVision COMFORT
- SkyVision LINEAR
- SkyVision WALK-ON

Planning and dimensional calculation

All SkyVision designs are custom-made to your dimensions and specifications. If you need help with the planning, please contact us. All in all, a drawing of the planned installation situation will help with the establishment of an informative offer. The final roof structure should also be obvious from this, if possible.

You receive an appropriate drawing for every offer and order.

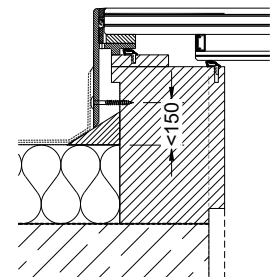


Installation

The assembly has to be carried out by licensed specialists (e.g. roofer, carpenter). A crane is needed for safe and fast installation, because the glazing is very heavy and is difficult to handle.

Substructure height and flat roof directive

If the distance between the barrier layer (water-bearing layer) and the first component penetration is reduced to less than 150 mm by the construction planning, the flat roof directive (A4 18195) is not complied with. Consequently, plastic sealant must be applied to the aluminium angle.



Not included (services provided by the customer)

- Existing wooden or concrete ceiling
- Mounting angle and associated screws
- Triangular spacer
- Welding line
- Materials and operations marked with „Under construction“

Included

- Insulated substructure
- Vapour barrier (ca. 100 mm / for installation on site)
- Glass unit in aluminium frame
- Locking screws
- Welding line
- Mechanical fixing of welding line

Flat roof windows custom-made

Site measuring and installation example

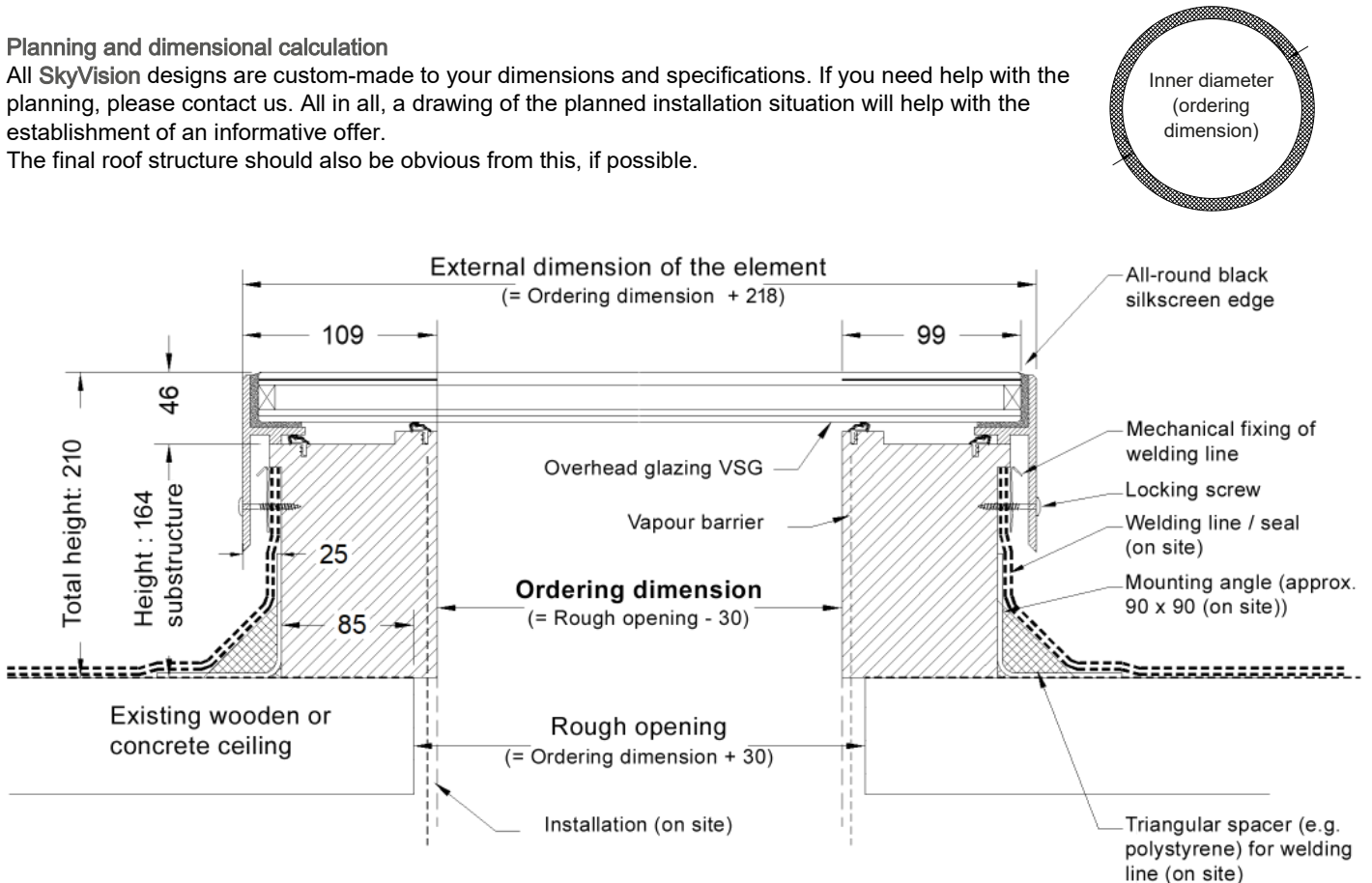
From this site measuring and installation example you will obtain an exemplary dimensional calculation, installation and processing of our round products of the SkyVision series. These are the following SkyVision models:

- SkyVision CIRCULAR
- SkyVision CIRCULAR WALK-ON

Planning and dimensional calculation

All SkyVision designs are custom-made to your dimensions and specifications. If you need help with the planning, please contact us. All in all, a drawing of the planned installation situation will help with the establishment of an informative offer.

The final roof structure should also be obvious from this, if possible.

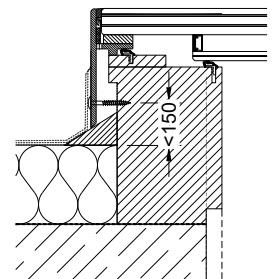


Installation

The assembly has to be carried out by licensed specialists (e.g. roofer, carpenter). A crane is needed for safe and fast installation, because the glazing is very heavy and is difficult to handle.

Substructure height and flat roof directive

If the distance between the barrier layer (water-bearing layer) and the first component penetration is reduced to less than 150 mm by the construction planning, the flat roof directive (A4 18195) is not complied with. Consequently, plastic sealant must be applied to the aluminium angle.



Not included (services provided by the customer)

- Existing wooden or concrete ceiling
- Mounting angle and associated screws
- Triangular spacer
- Welding line
- Materials and operations marked with „Under construction“

Included

- Insulated substructure
- Vapour barrier (ca. 100 mm / for installation on site)
- Glass unit in aluminium frame
- Locking screws
- Welding line
- Mechanical fixing of welding line

Flat roof windows custom-made

The design flat roof windows of the **SkyVision** series are made of wood, glass and aluminum. All materials used are recyclable and can be reused.

In addition, the insulated substructure can be manufactured in any desired height (up to 750 mm) exactly to the roof pitch and the roof structure.

We use 24 volt drives for the motor-powered opening wings. For this purpose, the appropriate power supply or a control with a weather station are available.

Obviously, the opening wings can also be integrated into an existing building automation (e.g. KNX).

All products of the SkyVision series include specific design and aesthetics aspects. This is particularly warranted in the appealing look as well as the concealed opening device.

We are happy to invite you to visit the photo gallery on our homepage www.glasolux.de to introduce you to the many possibilities of the **SkyVision** series.

If you have any questions about our **SkyVision** series or need an individual solution for your project, just give us a call. We are happy to advise and assist you!

Guarantee:

Five-year product warranty on our **SkyVision** products. Two-year product warranty on our opening and automatic devices.

All **SkyVision** products show the CE mark according to EN 14351-1. The CE mark was awarded by the accredited institutes Teknologisk Institute and Delta and refers to tests performed in accordance with EN 1873, DS/EN ISO 717-1, EN/ISO 10077-1 and -2, EN 673, DS 418, EN 12207 and EN 1026. Furthermore the classification of burglary protection RC2 was certified according to EN 1627:2011 at the SKG-IKOB Certificatie B.V.

GLASOLUX Tageslichtsysteme

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