



skyfens

PVC WINDOWS AND ROOF HATCHES

2022

About Us

Skyfens Sp. z o.o. is an important manufacturer of roof windows in Poland and a leading brand of Arbonia consortium – a Swiss company listed on the stock exchange in Zurich, employing more than 6000 people in 10 countries.

Skyfens manufactures roof windows of SUPRO brand and Skylight brand, which are based on the author's concept of PVC profile system and fitting system acknowledged by a patent clearance test and an application submitted at the European Patent Office. Our roof window manufacturing site was established in 2008 in Lublin and this city is still our seat.

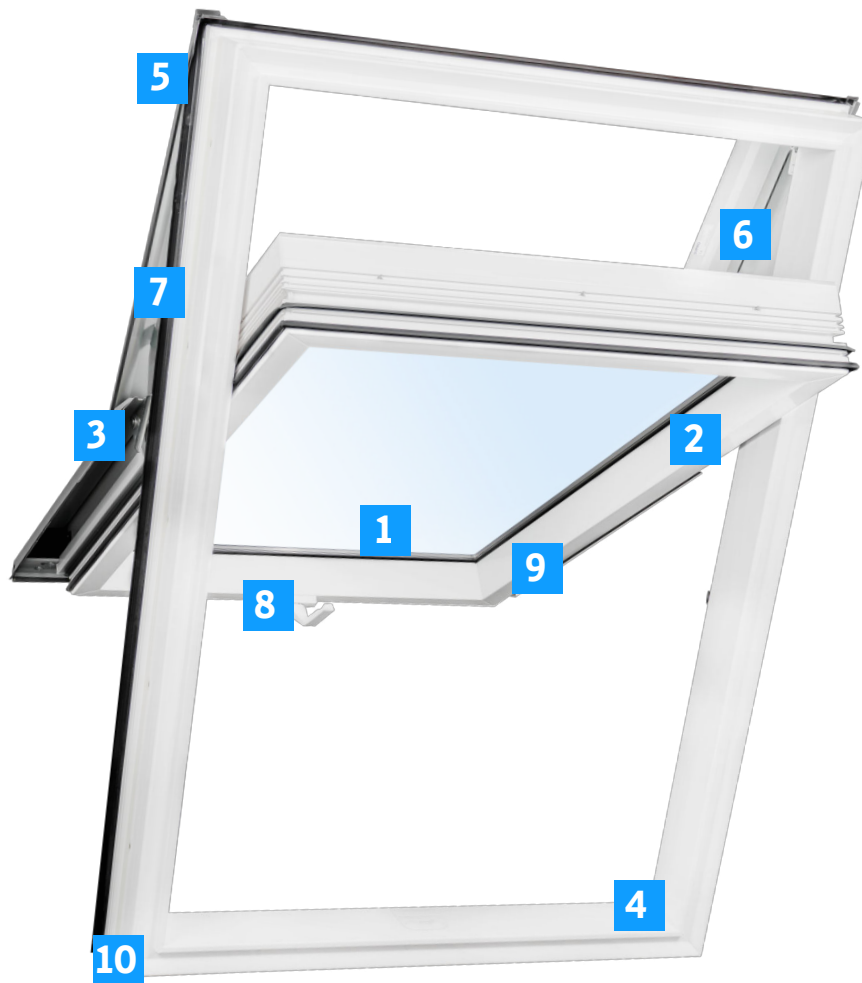
150

Productivity.
There are up to 150
windows manufactured
daily.

14

We have been operating for over 14
years on the roof window market.





- 1** Energy efficient package of 3 panes with a warm TGI Swisspacer frame
- 2** Straight PVC profile
- 3** An elevated rotation axis as a standard version
- 4** An innovative drainage system solves a problem of dampness formation
- 5** A new frame hinge improving the usage safety and resistance of a roof window
- 6** Easier window opening thanks to gas springs
- 7** Stability of an opened window
- 8** 2 positions of passive ventilation
- 9** A silver surface-mounted slat underlines the modern style of a roof
- 10** Quick mounting. The use of new installation angle sections. Easier pane replacement

Skyfens SUPRO Triple Termo

Skyfens SUPRO Triple Termo roof windows are characteristic for a high level of energy efficiency for your home owing to the combination of a 3-pane package with a warm TGI Swisspacer frame.

Roof windows



Skyfens SUPRO Triple Termo



Energy efficiency	<ul style="list-style-type: none"> • package of 3 panes with a warm TGI Swisspacer frame • straight classic PVC profile • $U_w=1,1 \text{ W/m}^2\text{K}$
Material	<ul style="list-style-type: none"> • lead-free PVC • steel reinforcement
Axis of rotation	<ul style="list-style-type: none"> • elevated (3/4 window)
Opening	<ul style="list-style-type: none"> • manual with gas springs
Handle	<ul style="list-style-type: none"> • mounted on the bottom • 2 positions of passive ventilation

Technical data:

Window U-value	Glazing U-value	Acoustic insulation	Air permeability	Water tightness class	Wind load resistance
0,96 - 1,1 $\text{W/m}^2\text{K}$	0,5 $\text{W/m}^2\text{K}$	32 dB	class No. 4	class No. E1200	class No. C4

■ A high energy efficiency level prevents heat losses at your home in winter and it allows to save on heating. The combination of a 3-pane package with a warm TGI Swisspacer frame reduces U_w to 0,96 - 1,1 $\text{W/m}^2\text{K}$.

■ Usage safety. This window is equipped with an innovative frame hinge which improves the safety, resistance and functionality of windows for long years.

■ An innovative drainage system solves a problem of the accumulation of water condensation. This new window is equipped with appropriate holes which discharge dampness and condensate outside the window.

■ Design. This window with a straight classic profile will enlighten perfectly the interior of any style. A silver slat used for finishing the pane package makes SUPRO window underline the modern style of your roof.

■ The elevated axis of rotation improves visibility from the window and easy access.

■ The easy opening of the roof window is ensured by gas springs which make the position stable.

■ Long lifespan. Aesthetic PVC, resistant to ageing, not sensitive to moisture and temperature changes, ideal for every room at your home.

■ Easier installation of flanges owing to widened grooves in the frame. The angle sections increase the adjustment range of the window being mounted.

■ Simpler servicing of glazing packages. The front installation of SUPRO window makes it possible to replace the glazing package alone.

Warranty:

15 years	glazing package
10 years	PVC elements, fittings, design and manufacturing defects
5 years	sealing flanges and seals

Standard window dimensions:

5/7	5/9	5/11	6/9	6/11	6/14	7/9	7/11	7/14	7/16	9/11	9/14	11/11	11/14
550x780	550x980	550x1180	660x980	660x1180	660x1400	780x980	780x1180	780x1400	780x1600	940x1180	940x1400	1140x1180	1140x1400

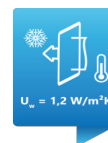
Skyfens SUPRO Triple

Skyfens SUPRO Triple roof windows combine a straight classic profile with a 3-pane package. $U_w = 1,2 \text{ W/m}^2 \text{ K}$.

Roof windows



Skyfens SUPRO Triple



Energy efficiency	<ul style="list-style-type: none"> • package of 3 panes • straight classic PVC profile • $U_w=1,2 \text{ W/m}^2\text{K}$
Material	<ul style="list-style-type: none"> • lead-free PVC • steel reinforcement
Axis of rotation	<ul style="list-style-type: none"> • elevated (3/4 window)
Opening	<ul style="list-style-type: none"> • manual with gas springs
Handle	<ul style="list-style-type: none"> • mounted on the bottom • 2 positions of passive ventilation

Technical data:

Window U-value	Glazing U-value	Acoustic insulation	Air permeability	Water tightness class	Wind load resistance
1,2 W/m ² K	0,5 W/m ² K	32 dB	class No. 4	class No. E1200	class No. C4

■ A high energy efficiency level prevents heat losses at your home in winter and it allows to save on heating. $U_w = 1,2 \text{ W/m}^2\text{K}$.

■ Usage safety. This window is equipped with an innovative frame hinge which improves the safety, resistance and functionality of windows for long years.

■ An innovative drainage system solves a problem of the accumulation of water condensation. This new window is equipped with appropriate holes which discharge dampness and condensate outside the window.

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■ Long lifespan. Aesthetic PVC, resistant to ageing, not sensitive to moisture and temperature changes, ideal for every room at your home.

■ Easier installation of flanges owing to widened grooves in the frame. The angle sections increase the adjustment range of the window being mounted.

■ Simpler servicing of glazing packages. The front installation of SUPRO window makes it possible to replace the glazing package alone.

Warranty:

15 years	glazing package
10 years	PVC elements, fittings, design and manufacturing defects
5 years	sealing flanges and seals

Standard window dimensions:

5/7	5/9	5/11	6/9	6/11	6/14	7/9	7/11	7/14	7/16	9/11	9/14	11/11	11/14
550x780	550x980	550x1180	660x980	660x1180	660x1400	780x980	780x1180	780x1400	780x1600	940x1180	940x1400	1140x1180	1140x1400

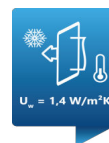
Skyfens Skylight Premium

Skylight Premium roof windows are characteristic for the original, rounded profile geometry. $U_w=1,4W/m^2K$.

Roof windows



Skyfens Skylight Premium



Energy efficiency	<ul style="list-style-type: none"> • 2-pane package • original, rounded profile • $U_w=1,4 \text{ W/m}^2\text{K}$
Material	<ul style="list-style-type: none"> • lead-free PVC • steel reinforcement
Axis of rotation	<ul style="list-style-type: none"> • elevated (3/4 window)
Opening	<ul style="list-style-type: none"> • manual
Handle	<ul style="list-style-type: none"> • mounted on the bottom • 1 position of passive ventilation

Technical data:

Window U-value	Glazing U-value	Acoustic insulation	Air permeability	Water tightness class	Wind load resistance
1,4 W/m ² K	1,1 W/m ² K	33 dB	class No. 2	class No. E750	class No. C3

■ This unique rounded profile, in combination with the 2-pane package, guarantees the sustainable balance of thermal energy acquisition and loss. $U_w = 1,4 \text{ W/m}^2\text{K}$.

■ Long lifespan. Aesthetic PVC, resistant to ageing, not sensitive to moisture and temperature changes, ideal for every room at your home.

■ 3/4 elevated axis of rotation improves visibility from the window and easy access.

■ Design. This window with the original rounded profile will satisfy all the designing requirements.

■ The author's patented system of fittings guarantees full sash stability both in the half-open function, open function and rotational function with the maximum safety.

■ A system of four seals resistant to low temperatures ensures the perfect tightness of Skylight roof window.

■ The external roof window flashing protects fittings against atmospheric conditions and improves the sealing of the casing-sash connection.

■ Shock absorption fitting does not need any adjustment.

■ No special maintenance treatment required. It needs only washing.

■ A comfortable position for washing the external side of the window - sash rotation by 120°.

Warranty:

15 years	glazing package
10 years	PVC elements, fittings, design and manufacturing defects
5 years	sealing flanges and seals

Standard window dimensions:

5/7	5/9	5/11	6/9	6/11	6/14	7/9	7/11	7/14	7/16	9/11	9/14	11/11	11/14
550x780	550x980	550x1180	660x980	660x1180	660x1400	780x980	780x1180	780x1400	780x1600	940x1180	940x1400	1140x1180	1140x1400

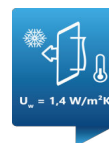
Skyfens Skylight

Skylight roof windows are characteristic mostly for their attractive and light looks with straight lines.

Roof windows



Skyfens Skylight



Energy efficiency	<ul style="list-style-type: none"> • 2-pane package • straight classic PVC profile • $U_w=1,4 \text{ W/m}^2\text{K}$
Material	<ul style="list-style-type: none"> • lead-free PVC • steel reinforcement
Axis of rotation	<ul style="list-style-type: none"> • elevated (3/4 window)
Opening	<ul style="list-style-type: none"> • manual
Handle	<ul style="list-style-type: none"> • mounted on the bottom • 1 position of passive ventilation

Technical data:

Window U-value	Glazing U-value	Acoustic insulation	Air permeability	Water tightness class	Wind load resistance
1,4 W/m ² K	1,1 W/m ² K	33 dB	class No. 3	class No. E1050	class No. C3

■ This straight classic profile, in combination with the 2-pane package, guarantees the sustainable balance of thermal energy acquisition and loss. $U_w = 1,4 \text{ W/m}^2\text{K}$.

■ Long lifespan. Aesthetic PVC, resistant to ageing, not sensitive to moisture and temperature changes, ideal for every room at your home.

■ 3/4 elevated axis of rotation improves visibility from the window and easy access.

■ Design. This window with the original rounded profile will satisfy all the designing requirements.

■ The author's patented system of fittings guarantees full sash stability both in the half-open function, open function and rotational function with the maximum safety.

■ A system of four seals resistant to low temperatures ensures the perfect tightness of Skylight roof window.

■ The external roof window flashing protects fittings against atmospheric conditions and improves the sealing of the casing-sash connection.

■ Shock absorption fitting does not need any adjustment.

■ No special maintenance treatment required. It needs only washing.

■ A comfortable position for washing the external side of the window - sash rotation by 120°.

Warranty:

15 years	glazing package
10 years	PVC elements, fittings, design and manufacturing defects
5 years	sealing flanges and seals

Standard window dimensions:

5/7	5/9	5/11	6/9	6/11	6/14	7/9	7/11	7/14	7/16	9/11	9/14	11/11	11/14
550x780	550x980	550x1180	660x980	660x1180	660x1400	780x980	780x1180	780x1400	780x1600	940x1180	940x1400	1140x1180	1140x1400

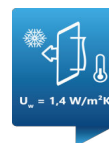
Roof hatches



Skyfens Skylight Loft Premium Termo

Skylight Premium roof hatches are characteristic for their unique, rounded profile geometry. They ensure easy and safe exit to the roof.

Skyfens Skylight Loft Premium Termo



Energy efficiency	<ul style="list-style-type: none"> • package of 2 panes with a warm TGI Swisspacer frame • original rounded thermally insulated profile • $U_w = 1,4 \text{ W/m}^2\text{K}$
Material	<ul style="list-style-type: none"> • lead-free PVC • steel reinforcement
Opening	<ul style="list-style-type: none"> • manual-lateral • the possibility of opening to the right or left side of the roof
Handle	<ul style="list-style-type: none"> • 1 position of passive ventilation

Technical data:

Window U-value	Glazing U-value	Acoustic insulation	Air permeability	Water tightness class	Wind load resistance
1,4 W/m ² K	1,0 W/m ² K	33 dB	class No. 3	class No. E1050	class No. C3

■ Roof hatches have high thermal insulation parameters dedicated to rooms which are not heated but it does not exclude their use in heated rooms. $U_w = 1,4 \text{ W/m}^2\text{K}$.

■ **Long lifespan.** Aesthetic PVC, resistant to ageing, not sensitive to moisture and temperature changes, ideal for every room at your home.

■ **Functionality.** Owing to the possibility of opening to the right or to the left of the roof, they ensure easy exit to the roof.

■ The roof hatch opened to the side has an opening/closing lock which ensures a slash position opened by 90° which allows for safe exiting to the roof.

■ The mounted handle allows for opening the roof hatch to the airing position.

■ A system of four seals resistant to low temperatures ensures the perfect tightness of Skylight roof hatch.

■ **Design.** This roof hatch with the original rounded profile will satisfy all the designing requirements.

■ **No special maintenance treatment required.** It needs only washing.

Warranty:

15 years	glazing package
10 years	PVC elements, fittings, design and manufacturing defects
5 years	sealing flanges and seals

Standard roof hatches dimensions:

4/7	5/7	5/9	6/9	7/9
450x730	550x780	550x980	660x980	780x980



Roof hatches

Skyfens Skylight Loft

Skylight Loft roof hatches are characteristic for their straight classic profile geometry. They ensure easy and safe exit to the roof.

Skyfens Skylight Loft



Energy efficiency	<ul style="list-style-type: none"> • 2-pane package • straight classic PVC profile • $U_w=1,8 \text{ W/m}^2\text{K}$
Material	<ul style="list-style-type: none"> • lead-free PVC • steel reinforcement
Opening	<ul style="list-style-type: none"> • manual-lateral • the possibility of opening to the right or left side of the roof
Handle	<ul style="list-style-type: none"> • 1 position of passive ventilation

Technical data:

Window U-value	Glazing U-value	Acoustic insulation	Air permeability	Water tightness class	Wind load resistance
1,8 W/m ² K	1,1 W/m ² K	33 dB	class No. 4	class No. E1200	class No. C3/B3

■ Roof hatches have high thermal insulation parameters dedicated to rooms which are not heated but it does not exclude their use in heated rooms. $U_w = 1,8 \text{ W/m}^2\text{K}$.

■ Long lifespan. Aesthetic PVC, resistant to ageing, not sensitive to moisture and temperature changes, ideal for every room at your home.

■ Functionality. Owing to the possibility of opening to the right or to the left of the roof, they ensure easy exit to the roof.

■ The roof hatch opened to the side has an opening/closing lock which ensures a slash position opened by 90° which allows for safe exiting to the roof.

■ The mounted handle allows for opening the roof hatch to the airing position.

■ A system of four seals resistant to low temperatures ensures the perfect tightness of Skylight roof hatch.

■ Design. This roof hatch with a straight classic profile will enlighten perfectly the interior of any style.

■ No special maintenance treatment required. It needs only washing.

Warranty:

15 years	glazing package
10 years	PVC elements, fittings, design and manufacturing defects
5 years	sealing flanges and seals

Standard roof hatches dimensions:

4/7	5/7	5/9	6/9	7/9
450x730	550x780	550x980	660x980	780x980

Sealing flanges

Sealing flanges made of aluminium sheet with permanently protected polyester paints.

Flange types:

- F - flange for corrugated roofing
- P - flange for flat roofing
- M - modular; MP - modular for flat roofing, MF - modular for corrugated roofing*,
- K - elbow flange (for connecting a roof window with a facade window), available also in a modular version.
- Scaled flange
- Flange for flat roofing
- Flange for panel sheet

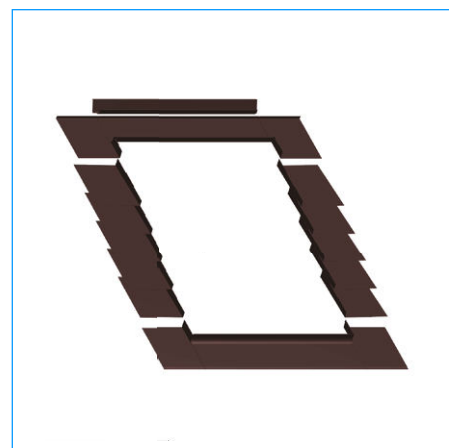
*Special flanges enable the installation of windows side by side or one above another.



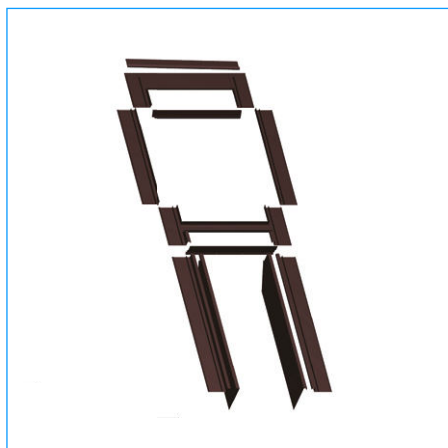
Flange for corrugated roofing



Modular flange



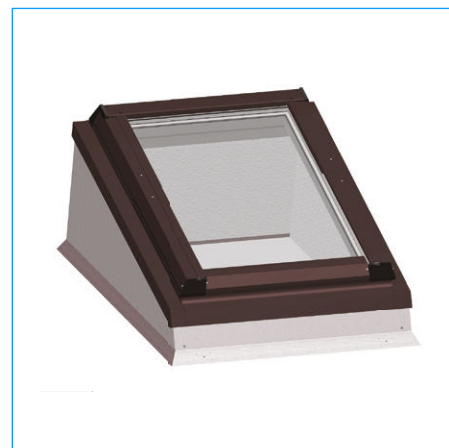
Scaled flange



Elbow corrugated "F" and flat "P" flange



Modular corrugated "F" and flat "P" flange



Flange for flat roofing

Colours

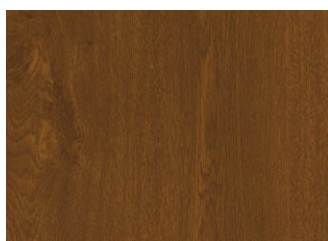
Individualism and aesthetics.

The looks of Skyfens products combines practicability and beauty.

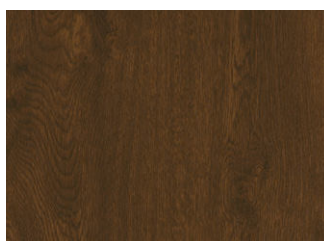
The profile of Skylight line products is available in classic white.

As far as SUPRO windows are concerned, veneer is available at special request in three wood imitating colours: pine, golden oak and walnut, making it possible to match your roof window with your design.

The colours of wood imitating windows



Golden oak



Walnut

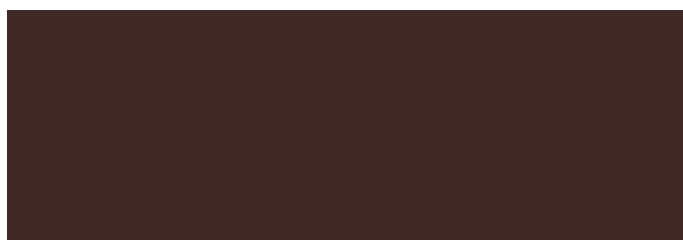


Pine

The colours of flashing and sealing flanges



RAL7043



RAL8019

The colour templates are not a binding offer. We can demonstrate to you the original colour templates.

Handles

An appropriate, matching handle colour is dedicated to each wood imitating veneer type. Roof windows may be also equipped with a handle with a press button which prevents window opening, for example, by children.

Each handle slot has a milled opening which will enable the unsealing of the window and the effective airing of the room.



Walnut



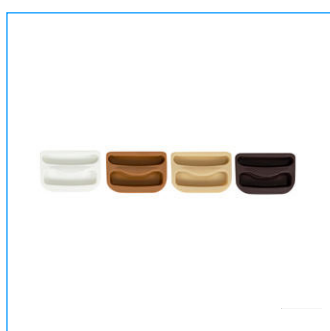
White



Pine



Golden Oak



Skylight handle slots



SUPRO handle slot

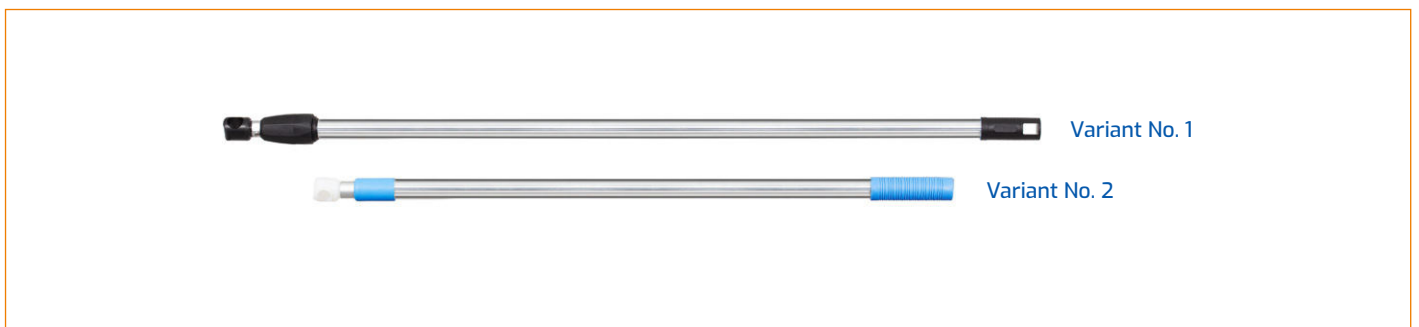
Electric springs

They guarantee comfortable and automatic window operation. This is a perfect solution for windows mounted in locations with difficult access. A rain sensor which closes the window automatically when rain is detected. It is also possible to equip the window with a wind sensor which closes the window automatically when strong wind is detected. A simple and flexible solution preventing the need for the manual window operation.



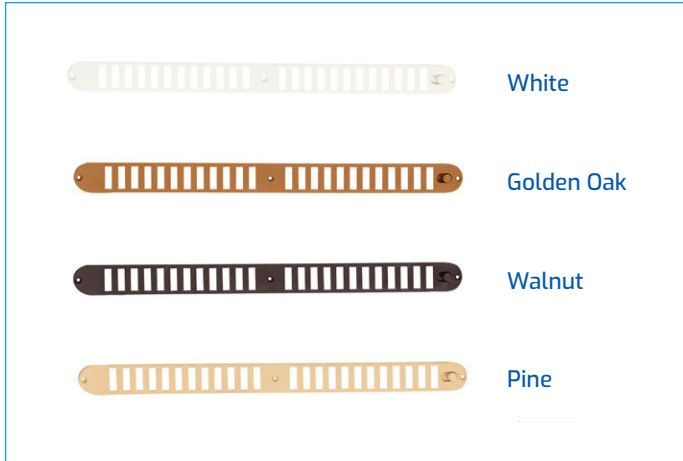
Telescopic stick

A telescopic stick for roof windows enables the free operation of a window mounted at heights. Available versions: 160cm and 200cm.



Window ventilators

New, warm windows allow not only for heating savings but they also make staying at home more comfortable. This is why proper ventilation is now even more important because it enables eliminating dampness from rooms. In some situations, regular airing may be not enough. A good solution here are windows with integrated intake ventilators.



Internal roller blinds and pleats



Perfect matching with roof windows and simple installation. Available in the sunscreen version and the blacking-out version, guaranteeing protection against excessive heating of rooms and peaceful sleep in a shaded room. They are available in many colours and patterns.

The overview of roof windows

Roof windows

Type	Skylight	Skylight Premium	SUPRO Triple	SUPRO Triple Termo
Window pane parameters:				
Glazing U-value	1,1	1,1	0,5	0,5
Total thermal energy transfer [g]	0,64	0,64	0,53	0,53
Warm spacer frame: yes/no	no	no	no	yes
Window parameters:				
Profile geometry	straight	rounded	straight	straight
Window U-value (W/m ² K)	1,4	1,4	1,2	1,1
Water tightness class	E1050	E750	E1200	E1200
Air permeability	class No. 3	class No. 2	class No. 4	class No. 4
Number of seals	4	4	4	4

Roof hatches

Type	Skylight Loft	Skylight Loft Premium Termo
Window pane parameters:		
Glazing U-value	1,1	1,0
Total thermal energy transfer [g]	0,64	0,5
Warm spacer frame: yes/no	no	yes
Window parameters:		
Profile geometry	straight	rounded
Window U-value (W/m ² K)	1,8	1,4
Water tightness class	E1200	E1050
Air permeability	class No.4	class No. 3
Number of seals	3	3



SKYFENS sp. z o.o.

ROOF WINDOW FACTORY

Vetterów str. 7

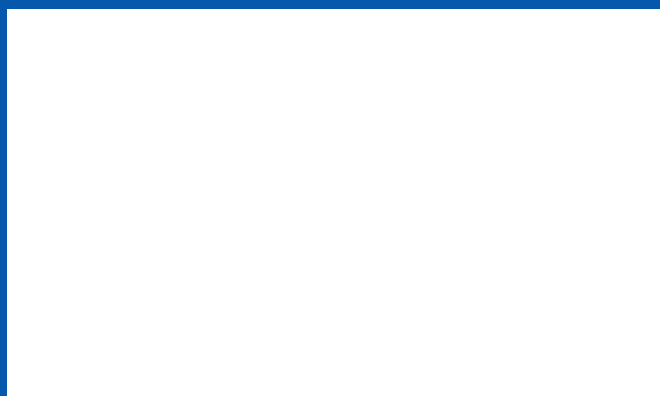
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