

Top safety and energy efficiency!

The modern windows in Iglo 5 and Iglo 5 Classic systems represent a combination of beauty and functionality with advanced solutions in energy efficiency. Owing to the sophisticated design and modern technology, they guarantee comfort of usage and low heating bills in winter and reduced electricity bills for air-conditioning in summer. Their core advantages that lie in high safety level ensure peace for you and your family.

Specification:

Profile

5-chamber profiles of the frame and the sash, made exclusively of prime material in A-class for installation depth of 70 mm.

Glazing

As a standard, one-chamber glass package of $U_g=1,0 \text{ W/(m}^2\text{K)}$ according to PN-EN 674. The possibility to apply a three-glass package of $U=0,7\text{W/(m}^2\text{K)}$ coefficient.

Fittings

Maco Multi Matic KS as a standard protected with Silber-Look coating, equipped with two anti-theft hooks and a wing lift with a blockade against handle misplacement.

There's an option to hide the hinges in the fitting notch and to apply solutions in anti-burglary class RC 2 and RC 2N.

The possibility to apply twin-fit fittings that guarantee double tilt with one movement of the handle.

Gaskets

EPDM seals available in black, grey and graphite colors.

Color range

Wide color range in 43 film colors that match numerous interior and exterior design styles.

Thermal transmittance

Iglo 5 Classic 1500 x 1500 mm $U_w=0,89 \text{ W/(m}^2\text{K)}$ *

Iglo5 1500 x 1500mm $U_w=0,95 \text{ W/(m}^2\text{K)}$ *

Iglo 5 1500 x 1500 $U_w=0,99 \text{ W/(m}^2\text{K)}$ with closed roller shutters $U_w=0,75 \text{ W/(m}^2\text{K)}$.

Sound insulation

34 - 44 dB.

*for a window of 1500mm x 1500mm according to test of the CSI Institute in the Czech Republic

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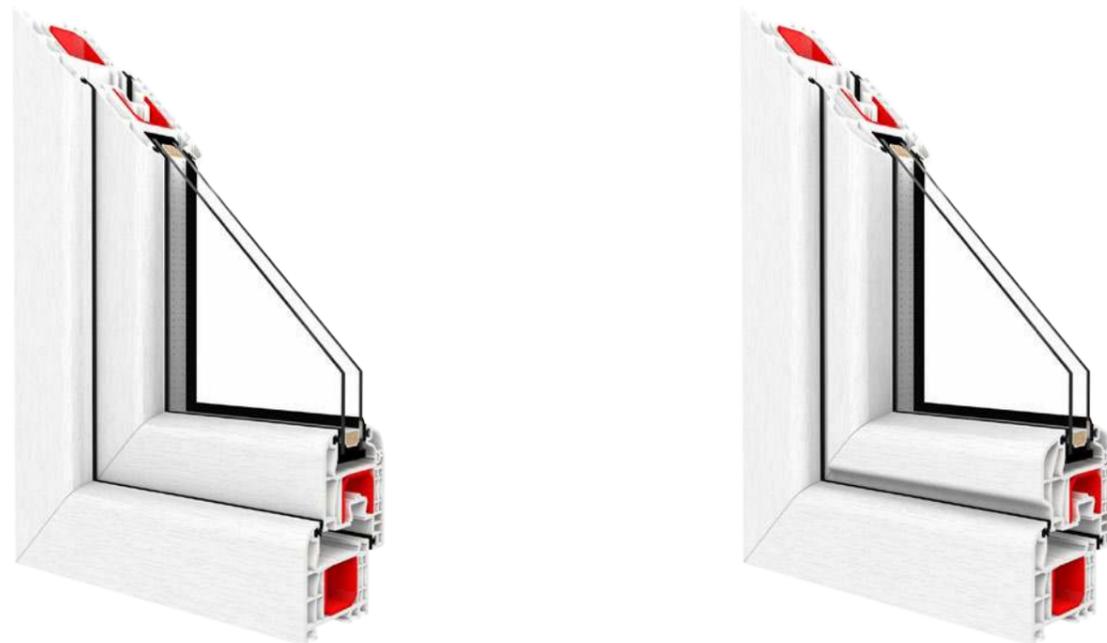


Iglo 5

PVC WINDOWS

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Energy efficient and functional solutions for your home!



Iglo 5 Classic

$U_w = 0,89 \text{ W/(m}^2\text{K)}^*$

Profile – the rounded profile line in A class determines the modern design of the window. The original, patented solution creates the unique interior and exterior character. The windows made of high-quality 5-chamber profiles, exclusively of prime material, improve energy efficiency and allow to decrease heating bills.

Fittings – Maco Multi Matic KS fittings with two anti-theft hooks improve the comfort of window usage. The possibility to apply twin-fit fittings that guarantee double tilt with one movement of the handle.

Handles – high-quality aluminum handles, available in a wide color range, improve the window aesthetics and optimize the comfort of window usage.

Hinges – completely invisible hinges (as an optional equipment) hidden between the frame and the sash improve the window aesthetics and emphasize its modern design.

Iglo 5

$U_w = 0,95 \text{ W/(m}^2\text{K)}^*$

Frame – steel galvanized frame or energy efficient Swisspacer Ultimate frame available in wide color range ensures a perfect match with the window color.



*for a window of 1500mm x 1500mm according to test of the CSI Institute in the Czech Republic

More advantages:

Aesthetics

Iglo window is a combination of innovativeness, functionality and energy efficiency with elegant design. They come in many shapes: rectangles, triangles, circles, trapezoids, arches, limited only by the Client's demands. The snow-white profile and wide color range give broad possibilities in interior design.

Safety

High-quality profiles equipped with special steel reinforcements in sashes and frames enhance stability and window statics, which, combined with Maco fittings with anti-theft hooks, ensures perfect anti-burglary protection. Additionally, the windows are equipped with a blockade against handle misplacement and a wing lift that facilitates sash closing and a micro-ventilation mechanism in a slot.

Durability

The big reinforcement chamber of the frame and sash is a guarantee of woodwork durability and resistance. An additional asset is the color stability which prevents windows from fading, keeping their original properties for ages, even in most extreme weather conditions.

Energy efficiency

The optimum profile structure and glass package equipped with warm steel frame of thermal transmittance $U_g = 0,7 \text{ W/(m}^2\text{K)}$ is a guarantee of energy savings, optimum temperature in the room and high sunlight transmittance. Top-quality construction materials and EDPM seals improve the window tightness, protect against gusts of wind and increase rain-water tightness.

Functionality

The intelligent control systems ensure great functionality and the comfort of usage. Window control may occur with the use of a remote control, smartphone or a tablet, which gives full control and determines the system's high quality and its compatibility.



Windows » PVC windows » IGLO Energy Classic



A perfect solution for demanding Clients!

Modern design, innovative technology and high energy efficiency that ensures lower heating bills!

Features

1. Energy efficiency as a result of the optimal profile structure, specially designed sealing system made of foamed EPDM and glass packages with low thermal transmittance.
2. Modern design that is guaranteed by the slim, round-shaped profiles.
3. High safety level guaranteed by two anti-burglary bolts in standard.
4. Wide range of 43 veneer colours that ensures numerous interior design styles.
5. Good parameters of sound insulation that ensure acoustic comfort even in places with intense traffic.
6. Great parameters of air permeability and water resistance as a result of using triple sealing.
7. System offers great resistance to wind load thanks to optimal reinforcement.

Technical data

Spacer frame	Steel galvanized spacer frame in standard, optionally Swisspacer Ultimate available in various colour options. MACO MULTI MATIC KS with two anti-burglary bolts in standard. Silber-Look coating and line-shaped concavities in espagnolette, optionally hinges hidden in the fitting notch; solutions in anti-burglary class RC 2 and RC 2N, window equipped with lifiting sash and handle missplacement blockage *, micro-ventilation in a slot **. Modern twin-fit fittings that enable double window tilt with one movement of the handle.
Fittings	

*Depending on the window height

**for tilt and turn windows

Gaskets	The window is equipped with the system of triple sealing; external, internal made of EPDM, and central made of foamed EPDM. External and internal gaskets are available in black and grey colours.
Colour range	The system is available in 43 Renolit foil colours on white or brown core.
Sound insulation	Rw = 35-46 dB (depending on applied glass packages)
Profile	7-chamber frame and sash profiles made exclusively of prime material in A-class with installation depth 82 mm. Maximal glazing thickness up to 48 mm.
Glass	Glass package 4/18/4/18/4 with thermal transmittance $U_g = 0,5 \text{ W}/(\text{m}^2\text{K})$ in standard. Optionally – the possibility to apply four-glass package filled with krypton with $U_g = 0,3 \text{ W}/(\text{m}^2\text{K})$; the possibility to apply glasses with enhanced sound insulation, tempered, safety, anti-burglary, ornament or solar protective.
Thermal insulation	$U_w = 0,59 \text{ W}/(\text{m}^2\text{K})^*$ with glass fiber reinforcement for glass with coefficient $U_g = 0,3$ filled with krypton $U_w = 0,81 \text{ W}/(\text{m}^2\text{K})^*$ with steel reinforcement and glass package $U_g = 0,5 \text{ W}/(\text{m}^2\text{K})$.

*For a window 1230x1480 mm – CSI in the Czech Republic

Reinforcement Frame reinforcement - full steel (closed). In the full reinforcement, anti-burglary bolts are screwed to the steel. C-shaped beam reinforcement in the sash. The possibility to apply glass fiber reinforcement which improves thermal insulation parameters of the window.



IGLO Light Novelty

Modern design, a lot of daylight and great parameters regarding energy efficiency, waterproofness, resistance to wind and air permeability!

Features

1. Elegant design expressed in the slim, narrow and rounded lines makes the original Drutex profile with its central aluminium handle placed on the movable post the most narrow profile from the traditional ones.
2. A lot of daylight, as a result of the most narrow profiles and bigger glazing surface comparing to standard systems.
3. Wide range of 43 foil colours allows any interior design.
4. High safety level ensured by the high-quality five-chamber profiles in A class, made exclusively of prime material.
5. Window resistance and stability thanks to the big original steel reinforcement chamber and modern fittings with two anti-burglary bolts.
6. High functionality thanks to the modern fittings and so called handle drive gear that enables its central position on the sash assembly – the movable post.
7. Great energy efficiency thanks to the optimum profile structure, EPDM seal and the galvanized steel thermal frames or optionally the innovative Swisspacer Ultimate that guarantee energy savings even up to 12%* and low-emission glass packages.

Technical data

Thermal insulation	<p>$U_w = 1,1 \text{ W}/(\text{m}^2\text{K})^*$</p> <p>* For a window 1230 x 1480 mm, CSI in the Czech Republic.</p>
Sound insulation	depending on the glass packages applied
Profile	The original five-chamber frame and sash profile made exclusively of prime material in A-class. Frame and sash installation depth of 70 mm with 32% more narrow movable post with symmetrically placed aluminium handle (the frame and sash composition is 108 mm, the width of movable post – 112 mm). A lot of daylight and modern glazing thanks to the bigger glass surface comparing to traditional profiles.
Spacer frame	As a standard steel galvanized frame. Optionally Swisspacer Ultimate is available in various colour options.
Colour range	The system is available in 43 Renolit foil colours on white and brown core.
Glass	<p>Glazing thickness up to 36 mm.</p> <p>One-chamber glass package with thermal transmittance coefficient $U_g = 1,0 \text{ W}/(\text{m}^2\text{K})$ according to PN-EN674 in standard.</p> <p>The possibility to apply packages of $U_g = 0,7 \text{ W}/(\text{m}^2\text{K})$ coefficient.</p> <p>The possibility to apply glass with enhanced sound insulation, tempered, safety, anti-burglary, ornament, solar protective.</p>
Reinforcement	<p>The innovative, original method of placing reinforcement in the chamber improves the system statics and stability. A big reinforcement chamber comparing to this kind of systems on the market – steel reinforcement of 35 mm x 24 mm x 2 mm. Frame and sash reinforcement made of steel in C-beam shape in standard.</p> <p>The possibility to apply full frame reinforcement with anti-burglary bolts screwed to the steel.</p>

MACO MULTI MATIC KS with two anti-burglary bolts in standard. Silber-Look coating and line-shaped concavities in espagnolette, optionally hinges hidden in the fitting notch; window equipped with lifiting sash and handle missplacement blockage *, micro-ventilation in a slot **. Modern twin-fit fittings that enable double window tilt with one movement of the handle.

Fittings

*Depending on the window height

**for tilt and turn windows

Gaskets The window is equipped with a system of double sealing: external and internal made of EPDM, available in black, grey and graphite colours.

Terrace systems » Tilt and slide PSK » IGLO5 PSK



Tilt and slide balcony door PSK Iglo 5

Perfect solution that ensures big access to daylight both in small and big room, maintaining great thermal insulation at the same time.

Features

1. Design that reflects innovativeness and unconventionality.
2. High safety level guaranteed by the application of four anti-burglary bolts in standard.
3. Possibility to customize the interior as the result of the wide range of colours; 43 veneer colours are available in the offer.
4. Very good thermal parameters ensure heat saving thanks to optimal structure and EPDM sealing.
5. Good parameters in sound insulation that guarantee acoustic comfort.

Technical data

Fittings	The possibility to apply automatic fitting that supports tilt closing. Four anti-burglary bolts in standard.
Sound insulation	-
Glass	One-chamber glass package with thermal transmittance $U_g=1,0$ $W/(m^2K)$ according to the PN-EN674 norm in standard. The possibility to apply three-glass package with $U_g = 0,7$ $W/(m^2K)$. Maximal glazing thickness up to 36 mm. The possibility to apply glasses with enhanced sound insulation, tempered, safety, anti-burglary, ornament or solar protective.
Colour range	The system is available in 43 Renolit foil colours on white or brown core.
Profile	5-chamber frame and sash profiles made exclusively of prime material in A-class with installation width 70 mm.
Reinforcement	Frame reinforcement – full steel (closed). In the full reinforcement, anti-burglary bolts are screwed to the steel. C-shaped reinforcement beam in the sash.
Spacer frame	Steel galvanized spacer frame in standard. Optionally Swisspacer Ultimate available in various colour options.
Gaskets	The door is equipped with a system of double sealing: external, internal made of EPDM, available in black, grey and graphite colours. Gasket that fullfills the bottom fitting ditch in standard.

Terrace systems » Tilt and slide PSK » IGLO ENERGY PSK



Tilt and slide balcony doors Iglo Energy

Perfect solution, that ensures big access to daylight both in small and big rooms, maintaining great thermal insulation at the same time.

Features

1. Great solution for small rooms. It does not take up usable space while opening.
2. Big glazing surface ensures more daylight in the room.
3. Energy efficiency, thanks to the optimal structure of the profile, specially designed EPDM sealing system and glass packages with low thermal transmittance coefficients.
4. Modern design, ensured by the slim and round-shaped profiles.
5. High safety level guaranteed by four anti-burglary bolts in standard.
6. Wide range of colour range, that enables numerous interior design styles. 43 veneer colours are available in the offer.
7. Very good parameters of sound insulation ensure acoustic comfort even in places with intense traffic.
8. Great parameters of air permeability and water resistance as a result of triple sealing.
9. Thanks to optimal reinforcement the system offers great resistance to the wind load.

Technical data

Colour range	The system is available in 43 Renolit foil colours on white or brown core.
Fittings	Maco Multi Matic KS fittings. There is a possibility to apply automatic fittings, that support tilt closing. Four anti-burglary bolts.
Sound insulation	Rw = 35-46 dB
Gaskets	The doors are equipped with the system of triple sealing: external, internal, made of EPDM, and central, made of foamed EPDM. External and internal gaskets are available in black and grey colours.
Profile	7-chamber frame and sash profiles are made exclusively of a prime material in A-class with installation depth of 82 mm.
Spacer frame	Steel galvanized spacer frame in standard. Optionally Swisspacer Ultimate available in various colour options.
Reinforcement	Frame reinforcement – full steel (closed). In the full reinforcement, anti-burglary bolts are screwed to the steel. C-shaped reinforcement beam in the sash.
Glass	Glass package of 4/18/4/18/4 with thermal transmittance $U_g = 0,5 \text{ W}/(\text{m}^2\text{K})$ in standard. The possibility to apply four-glass package filled with krypton and $U_g = 0,3 \text{ W}/(\text{m}^2\text{K})$; maximal glazing thickness up to 48 mm. The possibility to apply the glasses with enhanced sound insulation, tempered, safety, anti-burglary, ornament, or solar protective.

Terrace systems » Tilt and slide PSK » IGLO LIGHT PSK



IGLO LIGHT PSK

A unique design providing great light exposure inside the house and maintaining excellent energy efficiency parameters.

Features

1. It is an original system distinguished by its modern design and large glass surface which guarantees access to daylight.
2. The system features rounded shapes and a harmonious appearance.
3. Excellent functionality and comfortable use thanks to its technologically advanced profile and fittings system.
4. The elegant Iglo Light system can also be seen in the aluminium central handle placed on a movable post that is narrower than traditional posts – only 112 mm wide.
5. Freedom in interior design thanks to a wide range of colours and accessories.

Technical data

Spacer frame	Steel galvanized spacer frame in standard; optionay Swisspacer Ultimate frame available in various colours.
Sound insulation	-
Fittings	Four anti-burglary bolts in standard.
Colour range	The system is available in 43 colours of Renolit foil colours on white and brown core.
Gaskets	The window is equipped with a double-sealing system: external and internal EPDM sealing available in black and grey colours.
Profile	A five-chamber profile of frame and sash, made exclusively of A-class prime material for an installation depth of 70 mm.
Glass	Single-chamber glass package with heat transfer coefficient $U_g = 1.0 \text{ W}/(\text{m}^2\text{K})$, according to PN-EN674 in standard.; It is possible to use a three-glass package with a coefficient of $U_g = 0.7 \text{ W}/(\text{m}^2\text{K})$.The maximum glass thickness is 36 mm. Possibility to use glazing with higher acoustic insulation properties, tempered glass, safety glass, anti-burglary glass, ornaments or solar protective one.
Reinforcement	Solid close steel with the screwed anti-burglary bolts as a frame reinforcement. C-beam reinforcement in sash.