



Windows IGLO Light

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 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.
8. In standard V-Perfect, that allows to connect the profiles perfectly and it guarantees better clamp and welding control, and, as a result, very good parameters in the resistance tests of the corners.

Technical data

Sound isolation 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 Renolit foil colours on white core.

Glass Glazing thickness up to 40 mm.
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.
The possibility to apply packages of $U_g = 0,6 \text{ W}/(\text{m}^2\text{K})$ coefficient.
The possibility to apply glass with enhanced sound insulation, tempered, safety, anti-burglary, ornament, solar protective.

Reinforcement 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.

The possibility to apply full frame reinforcement with anti-burglary bolts screwed to the steel.

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

Fittings 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 **.

*Depending on the window height

**for tilt and turn windows

$$U_w = 1,1 \text{ W}/(\text{m}^2\text{K})^*$$

* For a window 1230 x 1480 mm, CSI in the Czech Republic.

Thermal isolation

$$U_w = 1,0 \text{ W}/(\text{m}^2\text{K})^*$$

* For a window 1230 x 1480 mm, ift Rosenheim.