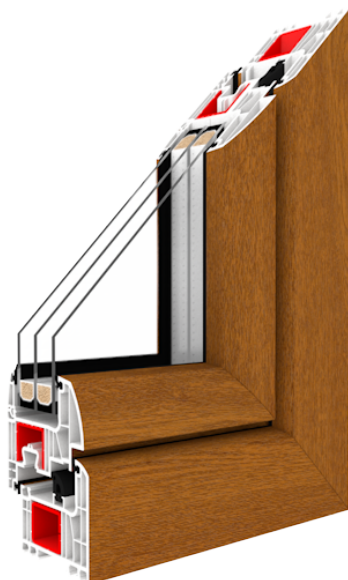


Windows » PVC windows » IGLO Energy



A perfect solution for demanding Clients!

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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 profile.
3. High safety level guaranteed by two anti-burglary bolts in standard.
4. Wide range veneer colours that ensure 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**

Colour range The system is available in Renolit foil colours on white or brown core.

Sound isolation  $R_w = 35-46$  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.

Spacer frame Steel galvanized spacer frame in standard, optionally Swisspacer Ultimate available in various colour options.

Glass Maximal glazing thickness up to 48 mm. Glass package 4/18/4/18/4 with thermal transmittance  $U_g = 0,5$  W/(m<sup>2</sup>K) in standard; - the possibility to apply four-glass package filled with krypton with  $U_g = 0,3$  W/(m<sup>2</sup>K); the possibility to apply glass with enhanced sound insulation, tempered, safety, anti-burglary, ornament or solar protective.

Gaskets The window is equipped with a 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.

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; solutions in anti-burglary class RC 2 and RC 2N, window equipped with lifting sash and handle missplacement blockage \*, micro-ventilation in a slot \*\*.

\*Depending on the window height

\*\*for tilt and turn windows

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.

Thermal isolation  $U_w = 0,79$  W/(m<sup>2</sup>K)\*

\*For a window of 1230x1480mm – CSI in the Czech Republic