

PROFILE **SYSTEMS**  
CLASS **IGLO 5**  
**IGLO 5 CLASSIC**

The common feature of both systems are 5 chambers, which provide very good thermal insulation performance. A wide package of additional options distinguishes our windows on the joinery market. Iglo 5 and Iglo 5 Classic are perfect for both warm and cold climates.



**TECHNICAL DATA**



70 mm

installation  
depth



$U_w 0,83 \text{ W/(m}^2\text{K)}^*$

thermal  
transmittance



$R_w \text{ to } 44 \text{ dB}$

soundproofing

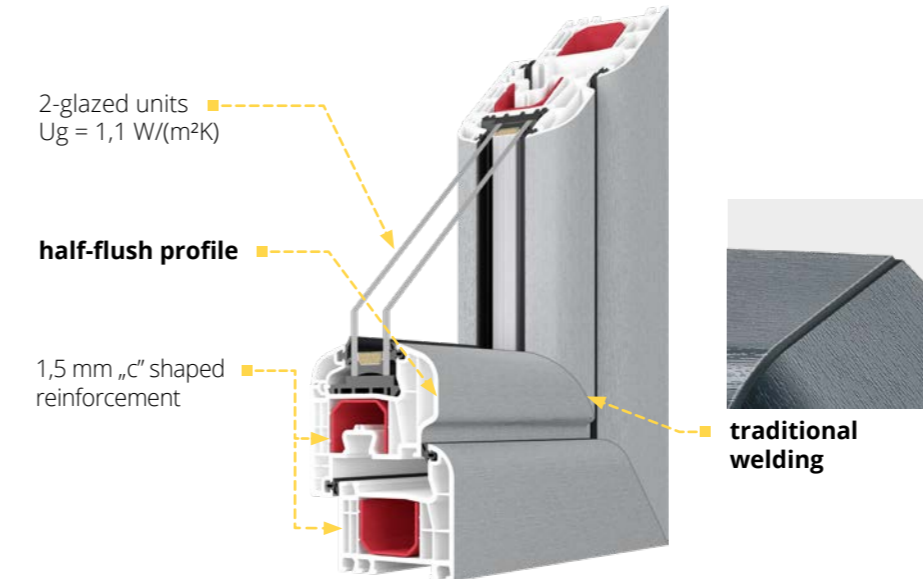
\*More data at page 89.



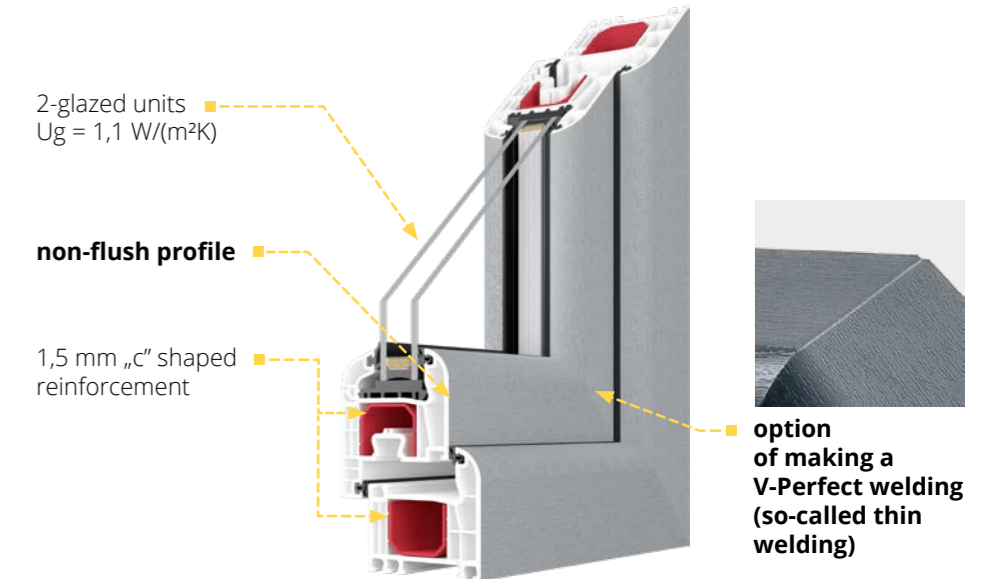
**SYSTEM STRUCTURE**

The profile has a 5-chamber construction with an installation depth of 70 mm. It features steel reinforcement of the sash and frame. The window is fitted with a double EPDM gasket: external and internal.

**IGLO 5**



**IGLO 5 CLASSIC**



**Standard:**

- MACO MULTI-MATIC KS fittings with 2 anti-theft strikers with Silber-Look anticorrosion coating for long-lasting protection and smooth operation of the fitting
- sash lifter (lifting mishandling device - depending on window height)
- microventilation in tilt and turn windows
- hinge covers in 4 colours: white, silver, light brown, brown
- aluminium handle
- 2-glazed (1-chamber) units infilled with argon gas with  $U_g = 1.1 \text{ W/(m}^2\text{K)}$

- galvanised steel glass-pane spacer optional Swisspacer Ultimate glass-pane spacer
- 2 EPDM gaskets in black (external and internal)
- gasket filling the lower fittings groove
- 1.5 mm steel reinforcement for frame and sash (2 mm for balcony door sash), „C“-shaped
- profile core in white
- 5-chamber PVC under-sill trim with gasket

## ADDITIONAL OPTIONS



option of using glazed units with a thickness from 24 mm to 40 mm



option of using glass panes with improved sound insulation, laminated (safety and anti-burglary), ornamental, solar control, mirror and sandblasted



option of using the Swisspacer Ultimate glass-pane spacer, available in 3 colour variants: black, grey, brown (p. 84)



option of using MACO Multi-Power concealed hinges in the fittings groove (not visible when the window is closed), COMFORT, TBT, flat handles for roller blinds (only for PP, Iglo 5 Classic with DM 25 bolt)



wide range of colours of decorative films, option to cover the window on both sides (two the same or different colours) or only one side (p. 80)



option of selecting gaskets in grey



option of using a rectangular glazing bead - only for 24 mm glazing (p. 85)



handles for floating mullion windows



option of using 27 mm, 45 mm or 65 mm wide PVC glued on muntin bars and 8 mm, 18 mm, 26 mm or 45 mm wide aluminium internal muntin bars (p. 66)



3-glazed (2-chamber) units, infilled with argon gas, with  $U_g = 0.6 \text{ W/(m}^2\text{K)}$



hinge covers in custom colours: titanium, champagne, cream, black and gold



option of selecting a profile core in brown



available with roller shutters, Venetian blinds and mosquito nets (p. 94)



option of making windows in V-Perfect technology (so called thin welding)



RC2 Resistance class can be achieved, 4 strikers, MAX fittings



option of using ventilators (p. 78)



turn lock



option of providing Smart Home automation (p. 86)



option of using a 41 mm and 65 mm high renovation frame and a 35 mm adaptation frame



wide range of additional profiles (connectors, extensions, sill profiles)



MACO tilt mechanism



option of using full (closed) steel reinforcement in the frame

