

Terrace systems » Lift and slide HS » IGLO-HS



Lift and slide terrace doors Iglo-HS

Perfect solution for the trendy large-size terrace and balcony glazing that makes the interior absolutely unique.

Features

1. Modern design offering the possibility to produce large-size glazing that guarantees maximum access to the daylight.
2. Perfect functionality and comfortable usage thanks to the technological advancement of the profile and the fittings system.
3. Lightness and tightness of the structure, thanks to the specially designed system of guide rails and velour EPDM sealing.
4. Safety is guaranteed by the the stable construction, even with the sash with weight 400 kg.
5. Possibility to customize the interior as a result of the wide range of colours.
6. Great functionality ensured by i.a. the low aluminum threshold that can be hidden in the floor.
7. Perfect solution for energy-efficient and passive houses due to the big glazing surface.
8. The unique style of the system is emphasized by the aluminum handles and knob-handles.
9. Great functionality and intelligent solutions as a result of optional installation of automatic drive controlled by a button and a remote control.
10. The possibility to execute in the so-called thin welding technology (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

	Glass package 4/18/4/18/4 with the heat transmittance coefficient $U_g = 0,5$ ( $W/m^2K$ ) in standard. The option to apply a four-glass package filled with krypton with $U_g = 0,3$ ( $W/(m^2K)$ ). Maximum glazing thickness up to 48 mm. The possibility to apply glasses with enhanced sound insulation, tempered, safety, anti-burglary, ornament or solar protective.
Fittings	Lift and side GU fittings in standard, three locking bolts and micro ventilation bolt. Possibility to produce the sash with weight 400 kg.
Profile	7-chamber original profile of the frame is made exclusively of prime material in A-class with sash depth 82mm and frame depth 194mm; maximal sash weight up to 400 kg.
Threshold	PVC threshold with reinforcement and aluminum cover.
Reinforcement	Frame reinforcement made of high-quality aluminum profiles with thermal breaks.
Gaskets	Internal velour sealing, external EPDM and brush seal.
Colour range	The system is available in Renolit foil colours.
Spacer frame	Steel galvanized spacer frame in standard, optionally Swisspacer Ultimate available in various colour options.