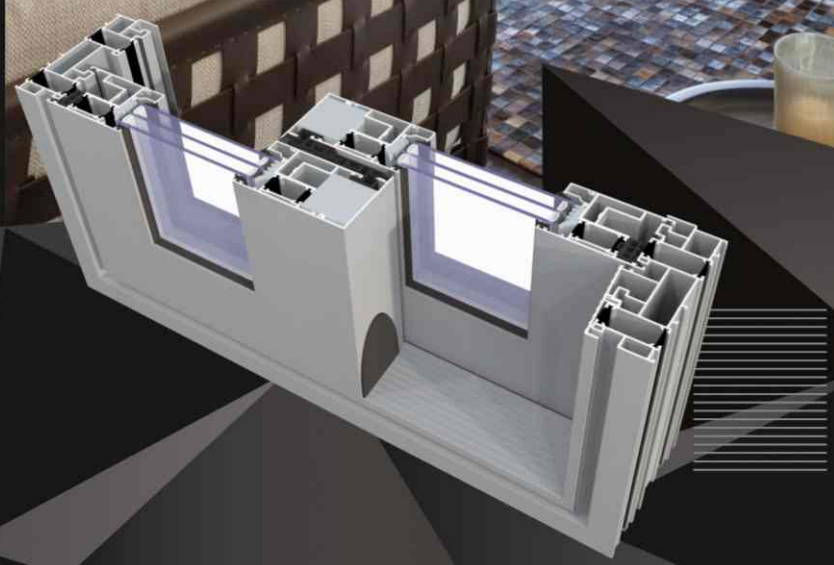
SLIDING SYSTEMS

UG

ULTRAGLIDE



A system featuring improved thermal performance, used to design sliding and lift - sliding structures. The Ultraglide sliding structures are intended for residential buildings, mainly private and public buildings.

aliplast
aluminium systems

UG

A system featuring improved thermal performance, used to design sliding and lift-sliding structures.

The UG sliding structures are intended for residential buildings, mainly private and public buildings.

The system is adapted to the latest requirements relating to thermal performance, aesthetics and safety. Available system options:

- UG low-threshold version
- UG angular solution 90°
- MONORAIL

With its parameters, the ULTRAGLIDE system makes it possible to design structures with very large dimensions of sliding leaves.

The ULTRAGLIDE system makes it possible to design large – but still stable – sliding windows and doors. Maximum leaf weight: 250 kg – sliding option;
400 kg – lift-sliding option.

Structure design: 3, 5 and 7 chamber frame.

Possible variants with two, three and four components based on the two-rail system.

Profiles suitable for installation of various hand-locked hardware available on the market and automatic devices.

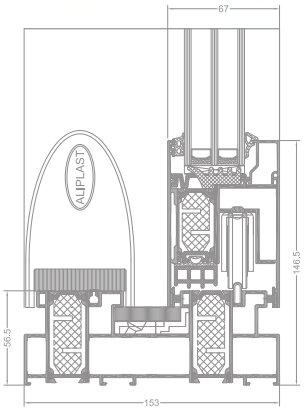
Various types of infills can be used (double and triple glazed units).

System is adapted to the latest requirements relating to thermal performance. The system is equipped with a 22 mm / 28 mm wide separator improved with glass fibre, thermal inserts and under-glass inserts to improve cross-sectional thermal performance.

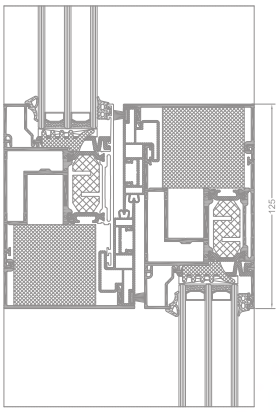
- available options: UG, UG i, UG i+
- available slim transom option

There is possibility of use Flyscreen system (Flyscreen – fly screens are a practical and an extremely functional protection against insects).

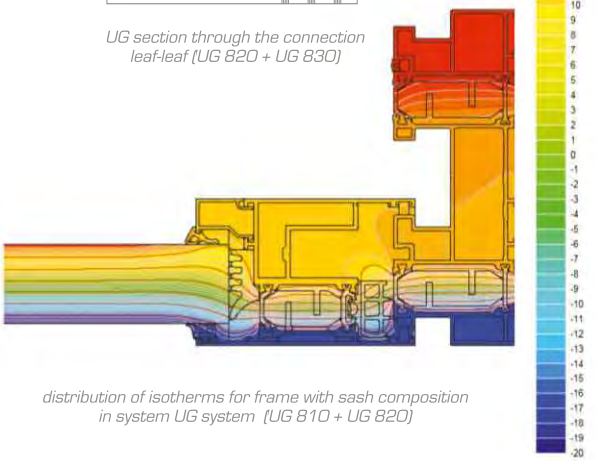
Wide range of colours – RAL palette (Qualicoat 1518), texture colours, Aliplast Wood Colour Effect (wood-like colours), Aliplast Loft View – colours imitating stone surfaces (Qualideco PL-0001), anodized colour (Qualanod 1808), bi-colour.



(UG 820 + UG 810) UG cross section



UG section through the connection leaf-leaf (UG 820 + UG 830)



distribution of isotherms for frame with sash composition in system UG system (UG 810 + UG 820)

TECHNICAL SPECIFICATION

SYSTEM	DEPTH OF FRAME	DEPTH OF LEAF	GLAZING RANGE	ACOUSTIC	WEIGHT OF LEAF	MAXIMUM SIZES OF THE STRUCTURE
UG	from 153 mm to 239 mm	67 mm	14-52 mm	43 (-2,-6) dB	to 250 kg (sliding option) / to 400 kg (lift-sliding option)	3850 x 2550 mm
UG i+	from 153 mm to 239 mm	67 mm	14-52 mm	43 (-2,-6) dB	to 250 kg (sliding option) / to 400 kg (lift-sliding option)	3850 x 2550 mm

PERFORMANCE

SYSTEM	THERMAL INSULATION Uf *	AIR PERMEABILITY	WINDLOAD RESISTANCE	WATERTIGHTNESS
UG	Uf from 1,45 W/m^{2}K	Class 4; EN 12207	C4 (1600Pa); EN 12210	9A (600Pa); EN 12208
UG i+	Uf from 1,13 W/m^{2}K	Class 4; EN 12207	C4 (1600Pa); EN 12210	9A (600Pa); EN 12208

** Thermal insulation is dependent on a combination of profiles and thickness of the filling.*