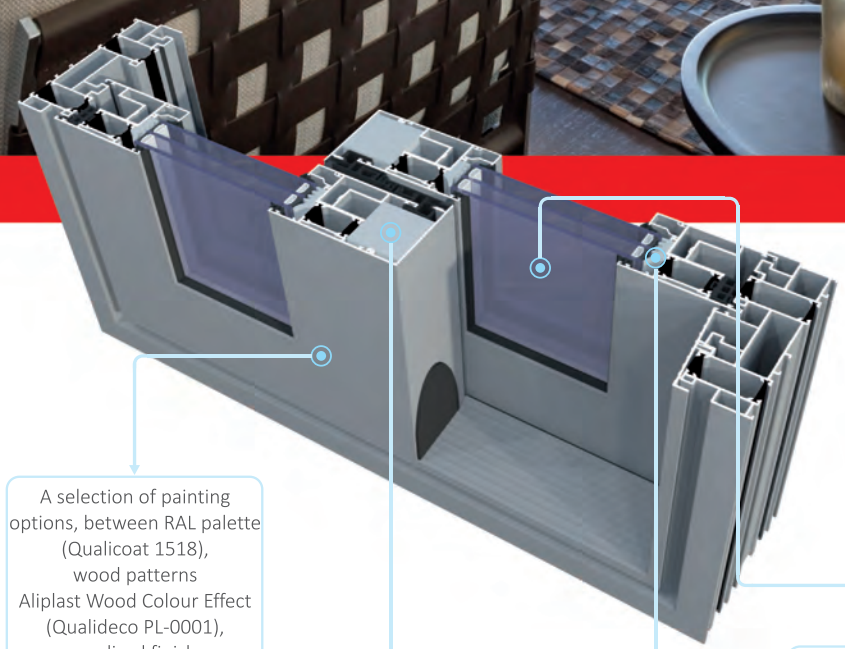
ULTRAGLIDE



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.

A selection of painting options, between RAL palette (Qualicoat 1518), wood patterns Aliplast Wood Colour Effect (Qualideco PL-0001), anodized finish, also in bi-colour

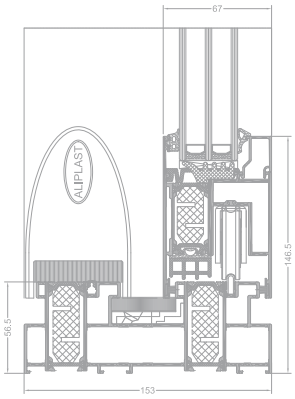
The possibility of using double or triple glazing

Thermal insulation under the glass which improves the thermal insulation of the section

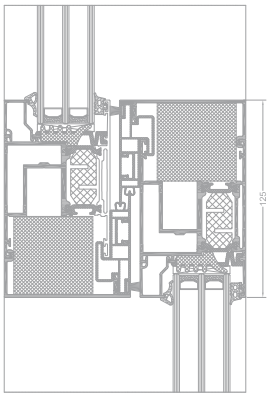
Thermal insulation which improves the thermal insulation of the section

aliplast
aluminium systems

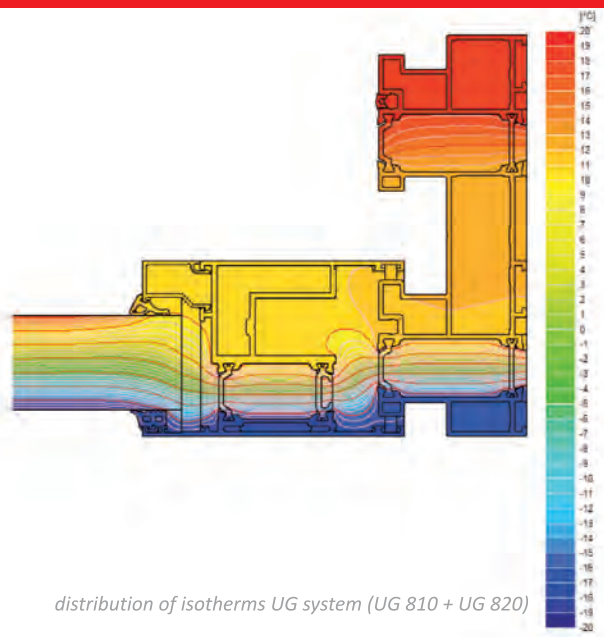
UG



UG cross section (UG 820 + UG 810)



UG i+ cross section (UG 820 + UG 830)



distribution of isotherms UG system (UG 810 + UG 820)

ULTRAGLIDE

ULTRAGLIDE

- 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:
  - low-threshold version
  - UG angular solution 90°
  - MONORAIL
- With its parameters, the ULTRAGLIDE system makes it possible to design structures with vary large dimensions of sliding leaves. Maximum structure dimensions available in the system:
  - leaf height Hs=3300 mm
  - leaf width Bs=3200 mm
- 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+.
- A wide range of colours available - RAL palette, structural colours, Aliplast Wood Colour Effect, bi-colour.

TECHNICAL SPECIFICATION

SYSTEM	MATERIAL	DEPTH OF FRAME	DEPTH OF LEAF	GLAZING RANGE	WEIGHT OF LEAF	DOOR TYPES
UG	aluminium / polyamid	from 153 mm to 239 mm	67 mm	14-49 mm	to 400 kg	sliding, lift-sliding system
UG i+	aluminium / polyamid	from 153 mm to 239 mm	67 mm	14-49 mm	to 400 kg	sliding, lift-sliding system

PERFORMANCE

SYSTEM	THERMAL INSULATION Uf *	AIR PERMEABILITY	WINDLOAD RESISTANCE	WATERTIGHTNESS
UG	Uf from 1,45 W/m^{2}K	Class 4; EN 12207	C3 (1200Pa); EN 12210	7A (300Pa); EN 12208
UG i+	Uf from 1,13 W/m^{2}K	Class 4; EN 12207	C3 (1200Pa);EN 12210	7A (300Pa); EN 12208

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