ULTRAGLIDE

aliplast
aluminium systems

sliding system

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
_ 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 = 3500 mm
_ 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)
_ available options: UG, UG i and UG i+
_ there is possibility of use Insect System (fly screen are a practical and an extremely functional protection against insects)
_ a 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), anodised colour (Qualanod 1808), bi-colour

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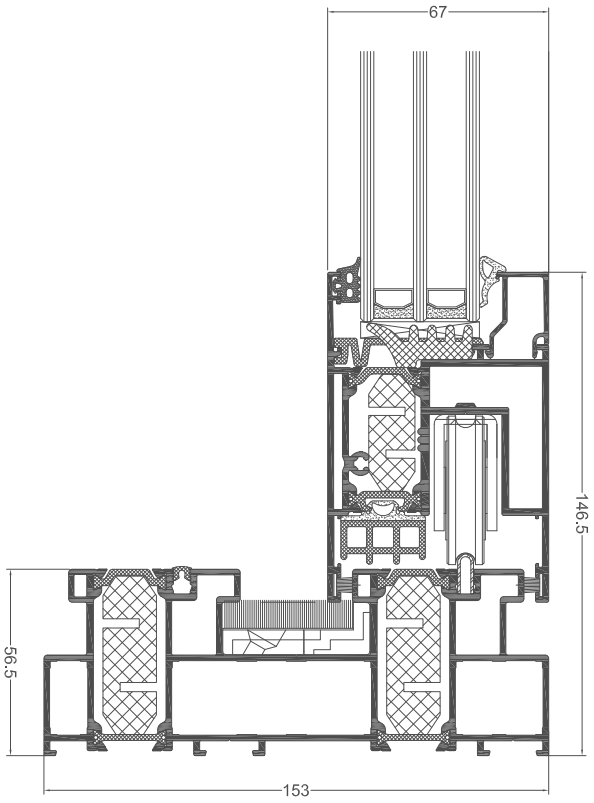
technical specification

system	material	depth mullion	depth of leaf	glazing range	weight of leaf	type of doors	acoustic
UG	aluminium/ thermal insulation	153-239 mm	67 mm	14-52 mm	to 250 kg sliding option / to 400 kg lift-sliding option	sliding, lift-sliding	43 (-2,-6) dB
UG i+	aluminium/ thermal insulation	153-239 mm	67 mm	14-52 mm	to 250 kg sliding option / to 400 kg lift-sliding option	sliding, lift-sliding	43 (-2,-6) dB

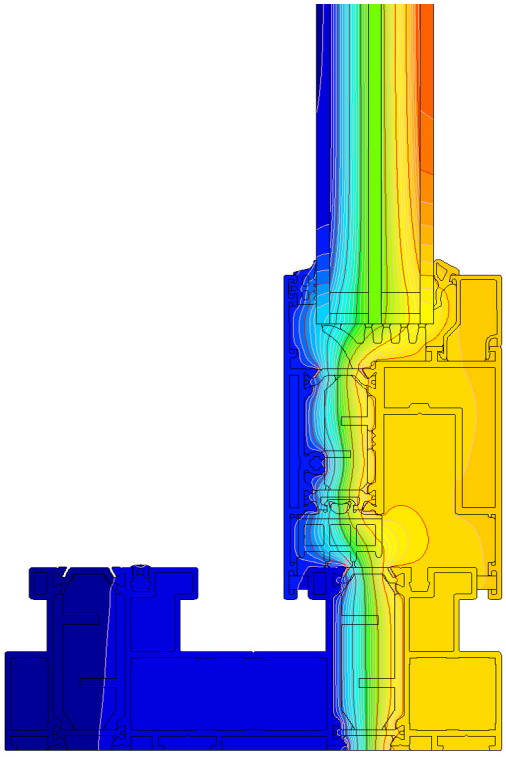
performance

system	thermal insulation Uf*	air permeability	windload resistance	watertightness
UG	Uf from 1,45 W/m²K	Class 4; EN 12207	Class C4 (1600 Pa); EN 12210	9A (600 Pa); EN 12208
UG i+	Uf from 1,13 W/m²K	Class 4; EN 12207	Class C4 (1600 Pa); EN 12210	9A (600 Pa); EN 12208

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



UG cross section (UG820N + UG810)



distribution of isotherms for frame with sash composition in Ultraglide system (UG820N + UG810)