

MDS

MODERN SLIDE



This is a system used to design sliding structures featuring improved thermal performance. Modern Slide is a system of sliding structures to be used in residential housing, private housing and public buildings. Galandage is a unique structural solution to open the door entirely as door leaves are hidden in chambers in building walls.

MDS

The system featuring improved thermal performance is used to design sliding structures.

The solutions offered by the Modern Slide system make are suitable for designing sliding structures on 2-, 3- and 4-rail frames, which offers great flexibility for facade design.

The Galandage solution makes it possible to hide almost completely sliding leaves in the building wall to maximise the clear opening once the structure leaves are opened.

The system also offers the Monoblock solution. Monoblock sliding structures are installed within the thermal insulation layer, which is located inside rooms.

The width of the joint between two structure leaves is only 35 mm. The profiles are available in 3 versions suitable for various resistance-related requirements.

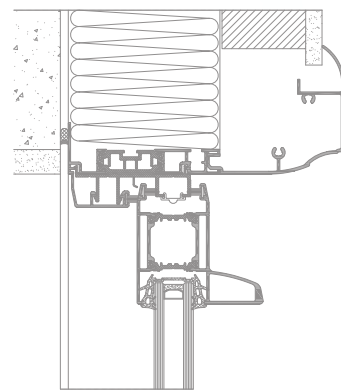
The system is characterised by structural slenderness and modern design.

Maximum leaf weight in the structure up to 250 kg.

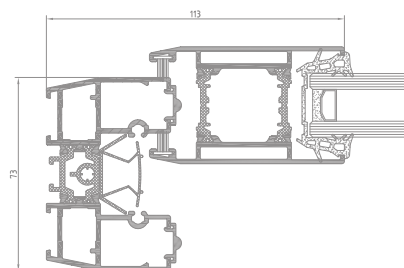
Available infill thickness values: 24, 28 and 32 mm.

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

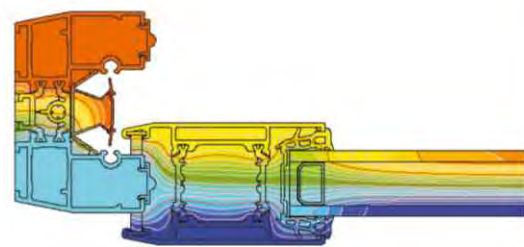
Wide range of colours – RAL palette (Qualicoat 1518), texture colours, Aliplast Wood Colour Effect (wood-like colours), Aliplast Loft View – colours imitating stone surfaces (Qualideco PL-0001), anodized colour (Qualanod 1808), bi-colour.



MDS cross-section of the door frame and leaf on the external rail



MDS cross-section of the door frame and leaf on the internal rail



example isotherm distribution for the combination in the MDS system (MDS O10 + GSL O22)

TECHNICAL SPECIFICATION

SYSTEM	MATERIAL	DEPTH OF FRAME	DEPTH OF LEAF	GLAZING RANGE	WEIGHT OF LEAF	MAXIMUM SIZES OF THE STRUCTURE
MDS	aluminium / polyamid	73,8-195,9 mm	44 mm	24 mm, 28 mm, 32 mm	to 250 kg	2000 x 2200 mm

PERFORMANCE

SYSTEM	THERMAL INSULATION Uf *	AIR PERMEABILITY	WINDLOAD RESISTANCE	WATERTIGHTNESS
MDS	Uf from 1,50 W/m ² K	Class 3; EN 12207	Class C1 (400 Pa); EN 12210	Class 6A (250 Pa); EN 12208

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