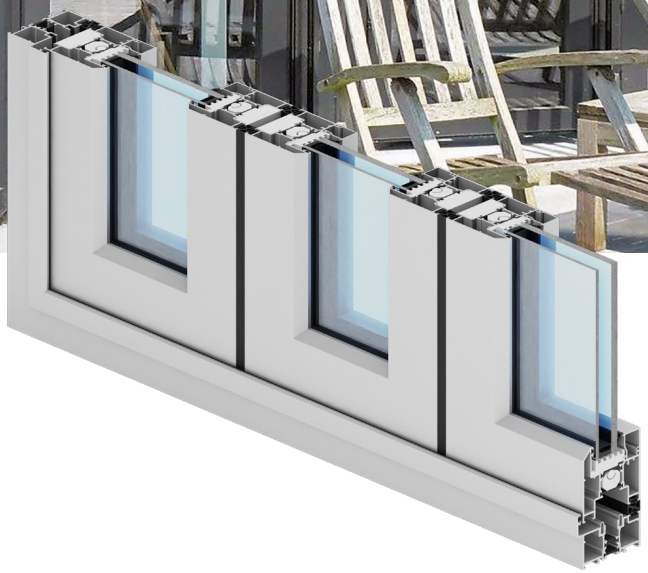
PANORAMA

aliplast
aluminium systems

folding door system



Panorama

_ a three chamber door system with thermal insulation used to design folding doors
_ it is possible to use two types of the threshold system: the flat-threshold system is equipped with a brush seal and an air-tight threshold whose design is based on a frame around the perimeter of the entire terrace window
_ depending on requirements and the application, the Panorama systems offers inswing or outswing structures; there are many leaf combinations available (2+1, 3+2, 3+3)
_ new integrated hardware, such as hinge with bottom carriage, hinge with pull handle and low-profile handles, improve structure functionality, with reduced overall dimensions of the assembled accordion door structure at the same time
_ with the minimised visual width of the profile available in the system, the design of folding doors appears to be a light structure
_ the system Panorama is optionally available with improved thermal performance due to additional thermal inserts on the perimeter as well as between door leaf separators and door frames; available options: Panorama, Panorama i+
_ a wide range of available solutions and potential applications makes it possible to design structures for balconies, terraces or winter gardens, and even structures perfect for public and commercial buildings
_ 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

PANORAMA

aliplast
aluminium systems

folding door system

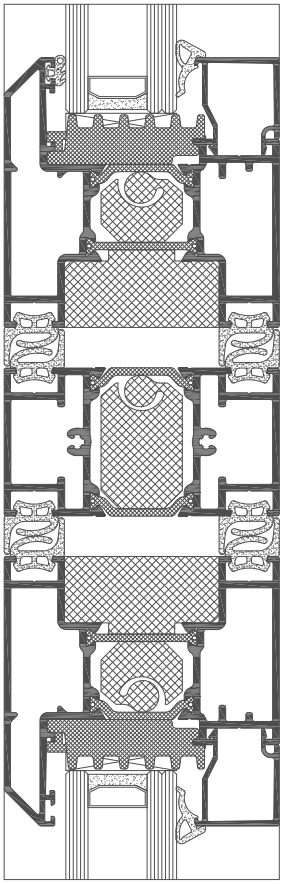
technical specification

system	material	depth of frame	depth of leaf	glazing range	weight of leaf	type of doors
DV	aluminium/polyamid	74,5 mm	74,5 mm	16-50 mm	to 100 kg	folding doors
DV i+	aluminium/polyamid	74,5 mm	74,5 mm	16-50 mm	to 100 kg	folding doors

performance

system	thermal insulation Uf*	air permeability	windload resistance	watertightness
DV	Uf from 1,68 W/m^{2}K	Class 2; EN 12207	Class C1 (400 Pa); EN 12210	Class E1050; EN 12208
DV i+	Uf from 1,33 W/m^{2}K	Class 2; EN 12207	Class C1 (400 Pa); EN 12210	Class E1050; EN 12208

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



DVi+ cross section – B leaf type
(DV5020 + DV5040 + DV5020)

distribution of isotherms for the combination
in the Panorama system (DV5020 + DV5040 + DV5020)