

DV

**PANORAMA**



A three chamber door system with thermal insulation used to design accordion doors to arrange wide open passages.



# DV

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:

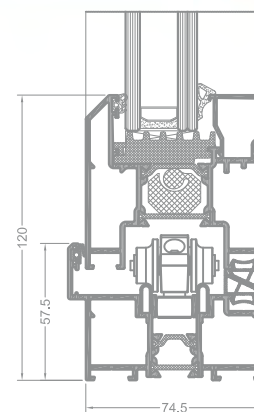
- Panorama
- Panorama i+

The folding system is used to provide an aesthetic, functional and user-friendly installation, which at the same time offers very efficient use of the space inside the building.

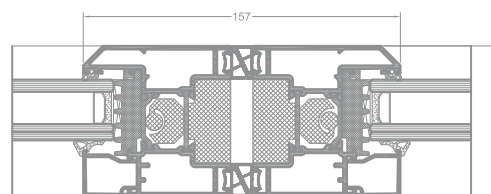
A wide range of available solutions and potential applications makes it possible to design structures for balconies, terraces or winter gardens, and even structures perfect for public and commercial buildings.

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

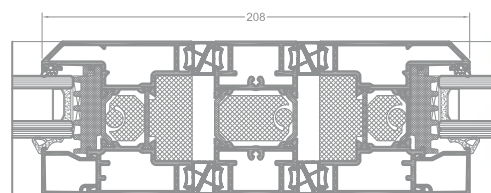
A wide range of colours available - RAL palette (Qualicoat 1518), structural colours, Aliplast Wood Colour Effect (Qualideco PL-0001), anodized (Qualanod 1808), bi-colour.



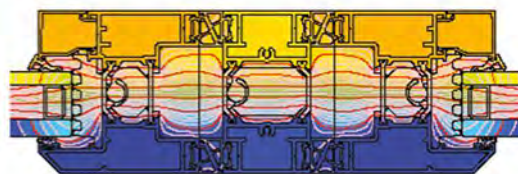
DV i+ cross section through the door on the frame (option opened inward)



DV i+ cross section (A leaf type)



DV i+ cross section (B leaf type)



example isotherm distribution for the combination in the DV i system (DV 5020 + DV 5040 + DV 5020)

## 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 <sup>2</sup> K	Class 2; EN 12207	C1 (400 Pa); EN 12210	Class E1050; EN 12208
DV i+	Uf from 1,33 W/m <sup>2</sup> K	Class 2; EN 12207	C1 (400 Pa); EN 12210	Class E1050; EN 12208

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