



folding systems

product specification

- 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 i, 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 – 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, Aliplast Loft View (Qualideco PL-0001), anodized (Qualanod 1808), bicolour
- system certified according to standards: ANSI/NFRC 100, ANSI/NFRC 200, NFRC 500, AAMA/WDMA/CSA101/I.S.2/A440-11, AAMA/WDMA/CSA101/I.S.2/A440-17, A440S1-17

technical specification

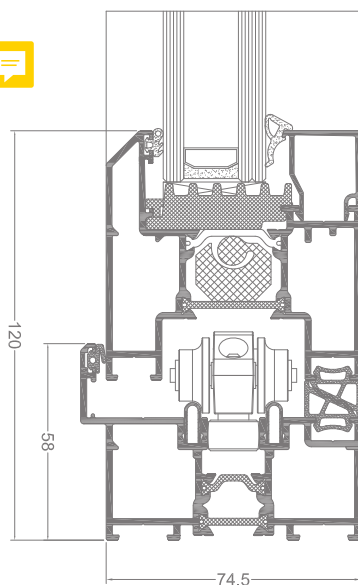
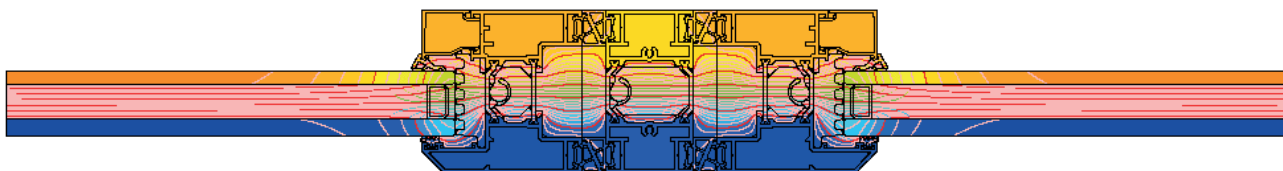
system	material	depth of frame	depth of leaf	glazing range	tests
DV	aluminium / polyamid	74,5 mm	74,5 mm	to 100 kg	NAFS NFRC
DV i+	aluminium / polyamid	74,5 mm	74,5 mm	to 100 kg	NAFS NFRC

performance

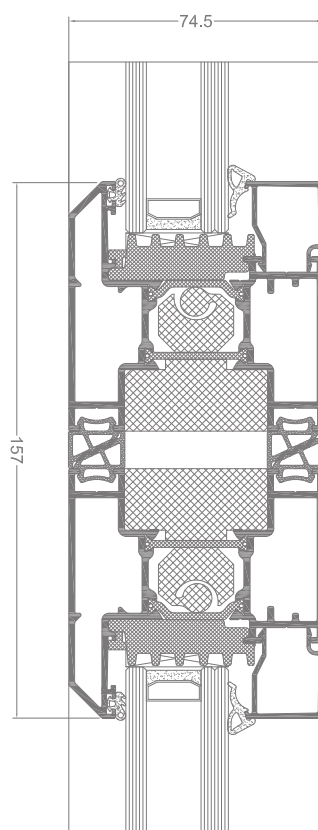
system	NAFS11/NAFS17	NFRC U-factor (BTU/Hr-Ft ² -F)	water resistance	designed pressure
PANORAMA	LC-PG55	Class 2; EN 12207	15 PSF	DP:55

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

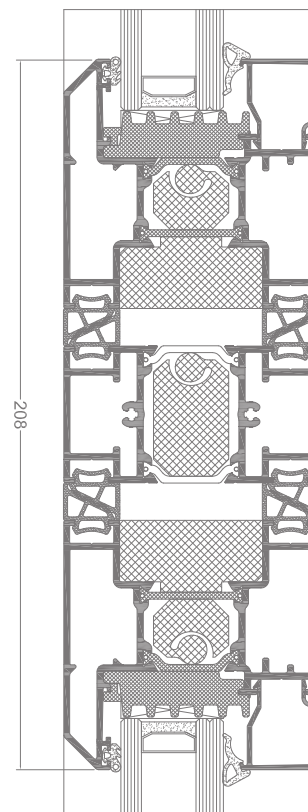
Distribution of isotherm for the combination in the DV system (DV5020 + DV5040+DV5020)



DVi+ cross section through
the door in the frame (option
opened inward)



DVi+ cross section (A leaf type)



DVi+ cross section (B leaf type)