



door system

Imperial 800 i+

- _ three-chamber door system with thermal insulation, intended for the construction of doors with high insulation parameters
- _ system compatible with the Imperial system – with adaptive profiles, it is possible to build the IP 800 series structure into Imperial shop windows
- _ the system features very good anti-burglary properties (the lock is located far from the outside)
- _ it is possible to use a thermally insulated threshold that can be removed after installing the door in the opening
- _ the system features a solution to prevent finger trapping (anti-finger)
- _ possible profile bending (detailed specification of profiles and details of technical parameters of profile bending available in the authorised zone at www.aliplastpoland.com)
- _ the system available in two options: IP800 i, IP800 i+; increased insulation performance has been achieved by using special thermal inserts between the thermal separators and around the glass pane; this solution improves insulation performance of the cross-section by 0.2 to 0.5 W/m²K
- _ wide range of colours – RAL palette (Qualicoat 1518), textured colours, Aliplast Wood Colour Effect – wood-like colours, Aliplast Loft View – colours imitating stone surfaces (Qualideco PL-0001), anodised colour (Qualanod 1808), bi-colour

door system

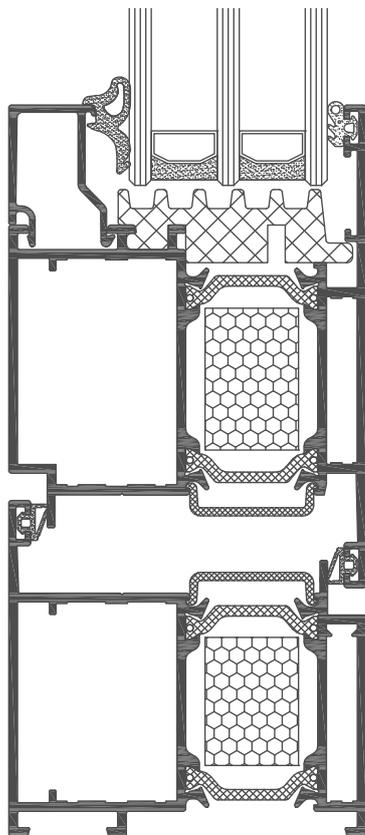
technical specification

system	material	depth of frame	depth of sash	glazing range	door type
IP 800	aluminium / polyamide	65 mm	65 mm	4 to 51 mm	single, double of the outswing, inswing type, panic door
IP 800 i+	aluminium / polyamide	65 mm	65 mm	4 to 51 mm	single, double of the outswing, inswing type, panic door

performance

system	thermal insulation Uf*	air permeability	windload resistance	watertightness
IP 800	Uf from 1.84 W/m ² K	Class 4; EN 12207	Class CE 2400; EN 12210	Class 8A; EN 12208
IP 800 i+	Uf from 1.67 W/m ² K	Class 4; EN 12207	Class CE 2400; EN 12210	Class 8A; EN 12208

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



cross-section of the IP 800 i+ door (IP814 + IP825)



example isotherm arrangement for the assembly of the frame and door sash of the IP 800i+ door system (IP814 + IP825)