

IMPERIAL 800 i+

A door system designed for doors with high thermal insulation parameters.

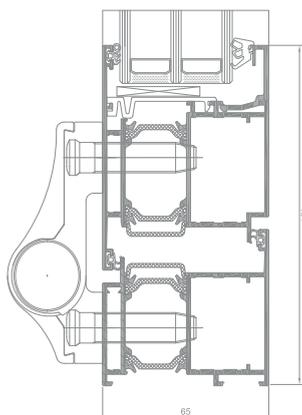
The possibility of using double or triple glazing

Thermal insulation under the glass which improves the thermal insulation of the section

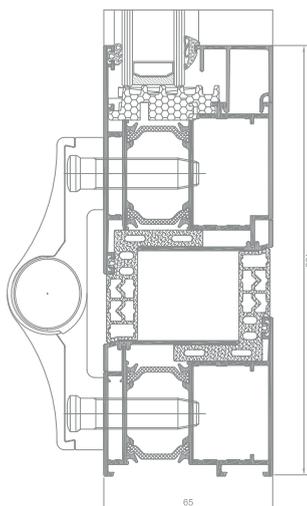
Thermal insulation which improves the thermal insulation of the section

A selection of painting options, between RAL palette (Qualicoat 1518), wood patterns Aliplast Wood Colour Effect (Qualideco PL-0001), anodized finish, also in bi-colour

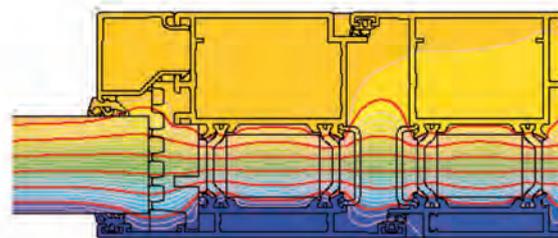
IP 800



IP 800 i door section



IP 800 i antyfinger door section



distribution of isotherms for frame with sash composition in door system IP 800 i + (IP 814 + IP 825)

IMPERIAL 800 i+

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- | A door system designated for designing doors with high thermal insulation parameters.
- | The system is compatible with Imperial system - thanks to adaptive profiles designs in series IP 800 can be integrated with Imperial shop windows.
- | The system features very good anti-burglary properties (the lock is situated far from the outer side).
- | A thermal insulation threshold is used, which can be disassembled following door installation in the frame.
- | The system offers solutions preventing catching of fingers (antyfinger).
- | The option of bending profiles (detailed specification of profiles and detailed technical parameters of a profile bending process are available in the customer area of the website www.aliplast.pl).
- | The system IP 800 is also available in the variant with improved thermal insulation power (IP800i, IP800 i+), which was achieved by applying special thermal inserts slide between thermal separators and around the glass panel. Such a solution improves the insulating power of the profile by 0,2 – 0,5 W/m²K.
- | A wide range of colours available - RAL palette, structural colours, Aliplast Wood Colour Effect, bi-colour.

TECHNICAL SPECIFICATION

SYSTEM	MATERIAL	DEPTH OF FRAME	DEPTH OF LEAF	GLAZING RANGE	TYPE OF WINDOWS	TYPE OF DOORS
IP 800	aluminium / polyamide	65 mm	65 mm	14-51 mm	—————	single and double doors, outside opening, inside opening, panic doors
IP 800 i+	aluminium / polyamide	65 mm	65 mm	14-51 mm	—————	single and double doors, outside opening, inside opening, panic doors

PERFORMANCE

SYSTEM	THERMAL INSULATION Uf *	AIR PERMEABILITY	WINDLOAD RESISTANCE	WATERTIGHTNESS
IP 800	Uf from 1,55 W/m ² K	Class 4; EN 12207	2400 Pa; EN 12210	Class 8A; EN 12208
IP 800 i+	Uf from 1,37 W/m ² K	Class 4; EN 12207	2400 Pa; EN 12210	Class 8A; EN 12208

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