



door system



Superial 800 i+

- _ three-chamber door system with thermal insulation, intended for the construction of doors with high insulation parameters
- _ system compatible with the Superial system; with adaptive profiles, it is possible to build the SP800 series structure into Superial display 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
- _ 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 SP 800 system available in two thermal options:
 - SP 800 i
 - SP 800 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

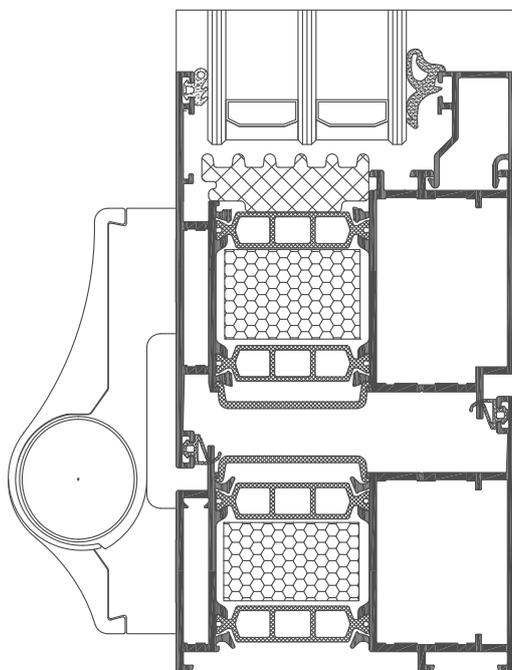
technical specification

system	material	depth of frame	depth of sash	glazing range	door type	acoustics
SP 800	aluminium / polyamide	75 mm	75 mm	14 to 61 mm	single, double type of the outswing, inswing type, panic door	44 (0,-2) dB
SP 800 i+	aluminium / polyamide	75 mm	75 mm	14 to 61 mm	single, double type of the outswing, inswing type, panic door	44 (0,-2) dB

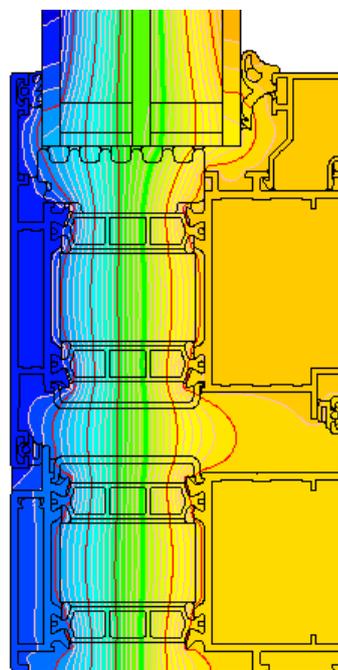
performance

system	thermal insulation Uf*	air permeability	windload resistance	watertightness
SP 800	Uf from 1.61 W/m ² K	Class 4; EN 12207	Class CE/BE 2400 (2400 Pa); EN 12210	Class 8A; EN 12208
SP 800 i+	Uf from 1.36 W/m ² K	Class 4; EN 12207	Class CE/BE 2400 (2400 Pa); EN 12210	Class 8A; EN 12208

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



cross-section of the SP 800i+ door (SP814 + SP825)



example isotherm arrangement for the assembly of the frame and door leaf of the SP 800i+ door system (SP814 + SP825)