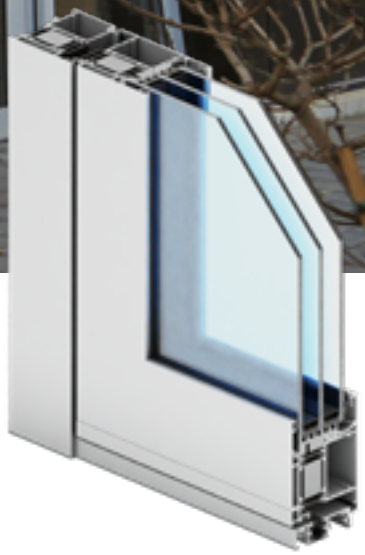
SW65 DOOR

door system



SW65 DOOR

_ 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: **SL65** i, **SL65** 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/m^{2}K
_ 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

SW65 DOOR

door system

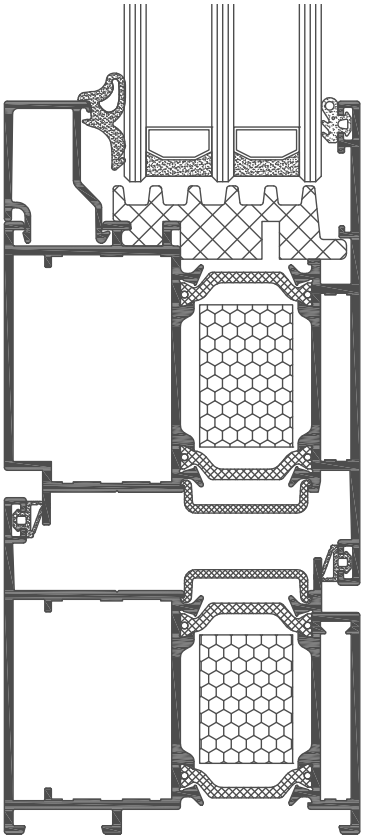
technical specification

system	material	depth of frame	depth of sash	glazing range	door type
SW65	aluminium / polyamide	65 mm	65 mm	4 to 51 mm	single, double of the outswing, inswing type, panic door
SW65 i+	aluminium / polyamide	65 mm	65 mm	4 to 51 mm	single, double of the outswing, inswing type, panic door

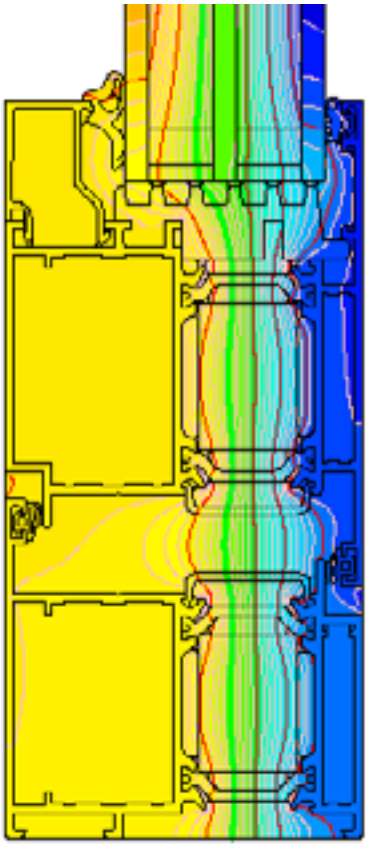
performance

system	thermal insulation Uf*	air permeability	windload resistance	watertightness
SW65	Uf from 1.84 W/m²K	Class 4; EN 12207	Class CE 2400; EN 12210	Class 8A; EN 12208
SW65 i+	Uf from 1.67 W/m²K	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 door



example isotherm arrangement for the assembly of the frame and door sash of the door system