



window system

Imperial SU

- three-chamber window system with thermal insulation used to construct windows with a hidden sash that is invisible from the outside
- the system featuring a specially designed frame shape covering the entire height of the sash profile
- wide range of glazing for use of all types of single and double unit, acoustic or anti-burglary glass panes
- profile drainage available in two options: traditional and hidden
- 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 IP SU system is available in an option with increased thermal insulation performance, available IP SU option and with insulation around the perimeter at the place where the glass adheres to the profile
- 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

window system

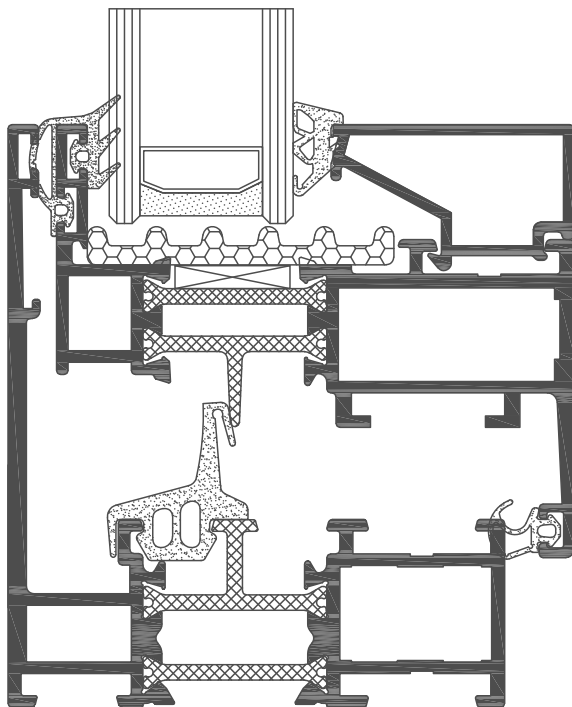
technical specification

system	material	depth of frame	depth of sash	glazing range	type of windows
IP SU	aluminium / polyamide	65 mm	68 mm	4 to 41 mm	hidden sash
IP SU i	aluminium / polyamide	65 mm	68 mm	4 to 41 mm	hidden sash

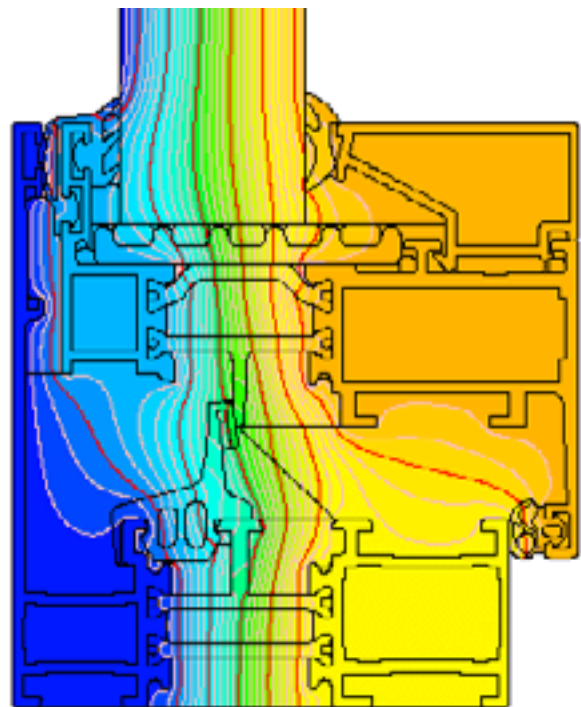
performance

system	thermal insulation Uf*	air permeability	windload resistance	watertightness
IP SU	Uf from 1.63 W/m ² K	Class 4; EN 12207	Class C5; EN 12210	Class E1200; EN 12208
IP SU i	Uf from 1.27 W/m ² K	Class 4; EN 12207	Class C5; EN 12210	Class E1200; EN 12208

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



cross-section of the IP SU i window (IP916PL + IP921)



example isotherm arrangement for the assembly of the frame and window sash of the IP SU i window system (IP916PL + IP921)