

## IMPERIAL IP i+

Window and door systems with thermal insulation. The system is designed for use in residential and public buildings, and also allows designing modern window solutions in multiple variants.

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

The possibility of using double or triple glazing

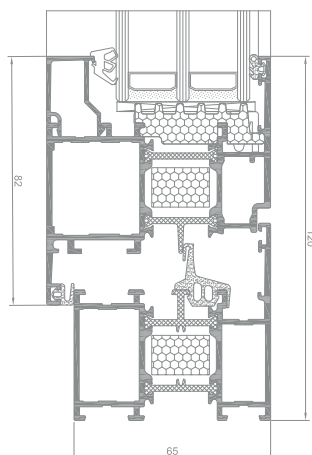
Thermal insulation under the glass which improves the thermal insulation of the section

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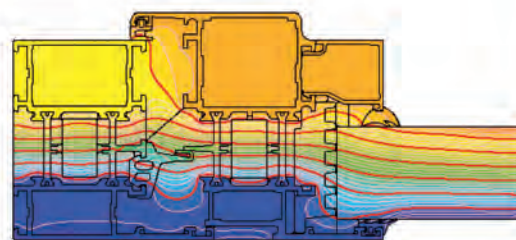
IP i+



IMPERIAL i+ window



IP i+ window section



distribution of isotherms for frame with sash composition in window system IP i+ (IP 011 + IP 021)

## IMPERIAL IP i, IP i+

IMPERIAL i+

- | The system is designed for windows, doors and shop windows with high thermal insulation parameters.
- | A high thermal insulation power was achieved by applying special thermal inserts between thermal separators and around the glass pane. Available options: IP, IP i, IP i+.
- | Large number of shapes in the system guarantees the obtained desired appearance and structural strength.
- | The option of installing windows in facade systems.
- | Glazing strips available in a rectangular and circular variant.
- | The shapes of profiles suitable for the installation of various peripheral hardware, including hidden hinges and PCV hardware.
- | A broad range of glazing allows using all types of single and double cavity, acoustic and anti-burglary glass panes.
- | Profile drainage in two variants: traditional and hidden.
- | The option of bending profiles (detailed specification of profiles and detailed technical parameters of profile bending process are available in the customer area of the website [www.aliplast.pl](http://www.aliplast.pl)).
- | The system is designed for use in residential and public buildings, and also allows designing modern window solutions in multiple variants.
- | The design of system IPi, IPi+ is based on a proven, extensive and recognized base system Imperial.
- | 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 window	aluminium / polyamide	65 mm	74 mm	4-51 mm	single and double doors, outside opening, inside opening	_____
IP i+ window	aluminium / polyamide	65 mm	74 mm	4-51 mm	single and double doors, outside opening, inside opening	_____

## PERFORMANCE

SYSTEM	THERMAL INSULATION Uf *	AIR PERMEABILITY	WINDLOAD RESISTANCE	WATERTIGHTNESS
IP window	Uf from 1,57 W/m <sup>2</sup> K	Class 4; EN 12207	Class C4; EN 12210	Class E1350; EN 12208
IP i+ window	Uf from 1,37 W/m <sup>2</sup> K	Class 4; EN 12207	Class C4; EN 12210	Class E1350; EN 12208

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