



SUPERIAL i+

Window and door systems with high thermal insulation. The system allows the designing modern window solutions in multiple variants. It is used in the design of residential and public buildings.

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

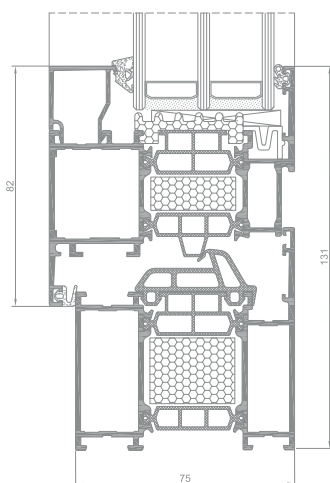
Thermal insulation under the glass which improves the thermal insulation of the section

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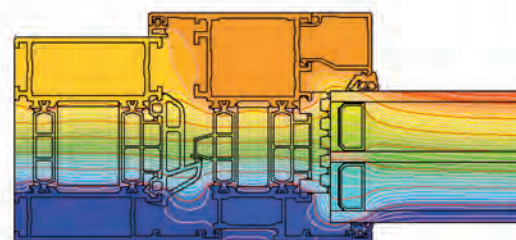
SP i+



SUPERIAL i+



SP i+ window section



distribution of isotherms for frame with sash composition in window system SP i+ (SP 012 + SP 621)

SUPERIAL with improved thermal insulation power SP i, SP i +

SUPERIAL i+

- | The system is designed for designing 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: SP, SP i, SP 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 the detailed technical parameters of profile bending process are available in the customer area of the website www.aliplast.pl).
- | The available option of a low lintel in single or double wing rectangular balcony door (designs using dedicated profiles); in addition structural tightness was improved thanks to the application of ACRS461 gasket.
- | The system is designed for use in residential and public buildings, and also allows designing modern window solutions in multiple variants.
- | The design of systems SP i, SP i+ is based on a proven, extensive and recognized base system Superial.
- | 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
SP window	aluminium / polyamide	75 mm	84 mm	14-61 mm	single and double doors, outside opening, inside opening	_____
SP i+ window	aluminium / polyamide	75 mm	84 mm	14-61 mm	single and double doors, outside opening, inside opening	_____

PERFORMANCE

SYSTEM	THERMAL INSULATION Uf *	AIR PERMEABILITY	WINDLOAD RESISTANCE	WATERTIGHTNESS
SP window	Uf from 1,41 W/m ² K	Class 4; EN 12207	Class C5/B5; EN 12210	Class E1950; EN 12208
SP i+ window	Uf from 1,08 W/m ² K	Class 4; EN 12207	Class C5/B5; EN 12210	Class E1950; EN 12208

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