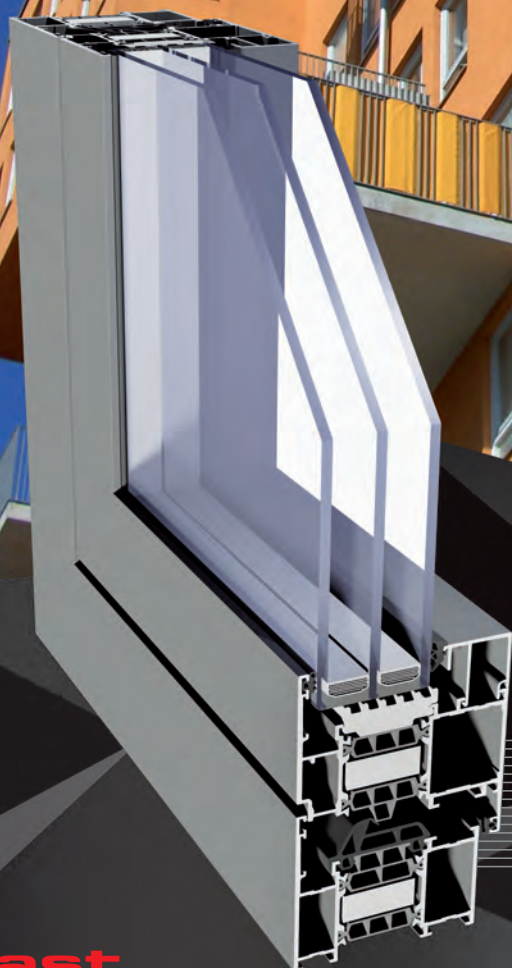


SP i+

**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.

# SP 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](http://www.aliplast.pl)).

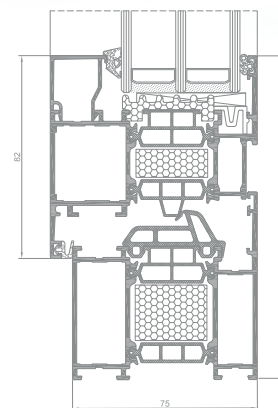
The available option of a low lintel in single or double wing rectangular balcony door (designs using dedicated profiles); in addition structural tightness was improved thanks to the application of ACRS461 gasket.

The system is designed for use in residential and public buildings, and also allows designing modern window solutions in multiple variants.

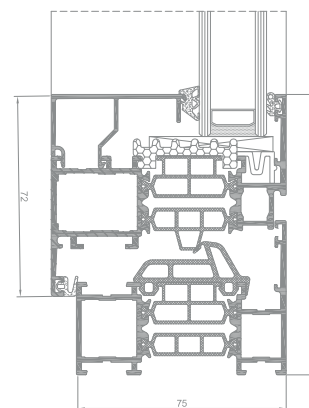
The design of systems SP i, SP i+ is based on a proven, extensive and recognized base system Superial.

There is possibility of use Flyscreen system (Flyscreen – fly screens are a practical and an extremely functional protection against insects).

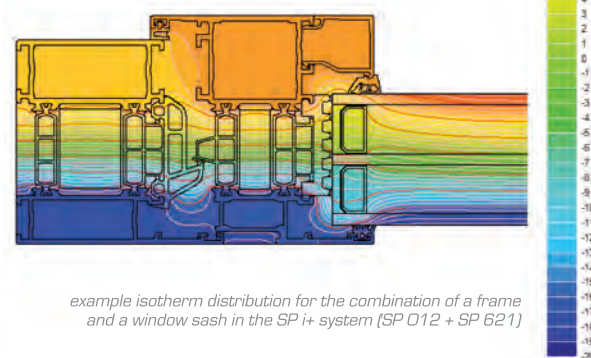
A wide range of colours available - RAL palette, structural colours, Aliplast Wood Colour Effect, bi-colour.



SP i+ section



SP i window section



example isotherm distribution for the combination of a frame and a window sash in the SP i+ system (SP 012 + SP 621)

## TECHNICAL SPECIFICATION

SYSTEM	MATERIAL	DEPTH OF FRAME	DEPTH OF LEAF	GLAZING RANGE	TYPE OF WINDOWS	TYPE OF DOORS
SP	aluminium / poliamid	75 mm	84 mm	14-61 mm	single and double doors, outside opening, inside opening	_____
SP i+	aluminium / poliamid	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	Uf from 1,41 W/m <sup>2</sup> K	Class 4; EN 12207	Class C5/B5; EN 12210	Class E1950; EN 12208
SP i+	Uf from 1,08 W/m <sup>2</sup> 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.