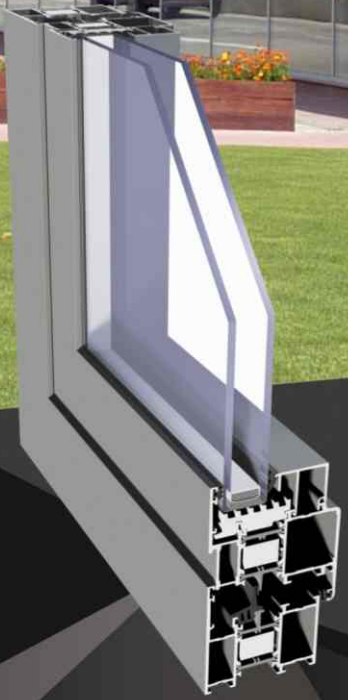
WINDOW AND DOOR SYSTEMS

IP i+

IMPERIAL 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.

aliplast
aluminium systems

IP 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.

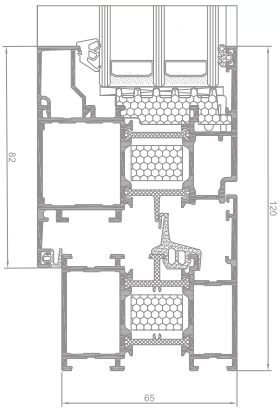
Profile drainage in two variants: traditional and hidden.

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

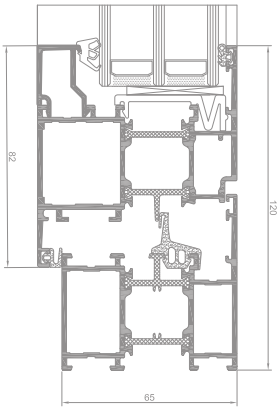
The option of bending profiles (detailed specification of profiles and detailed technical parameters of profile bending process are available in the authorisation zone of the website www.aliplast.pl).

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

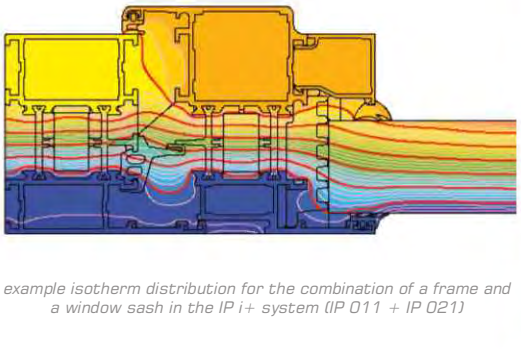
Wide range of colours – RAL palette (Qualicoat 1518), texture colours, Aliplast Wood Colour Effect (wood-like colours), Aliplast Loft View – colours imitating stone surfaces (Qualideco PL-0001), anodized colour (Qualanod 1808), bi-colour.



IP i+ window section



IP window section



example isotherm distribution for the combination of a frame and a window sash in the IP i+ system (IP 011 + IP 021)

TECHNICAL SPECIFICATION

SYSTEM	DEPTH OF FRAME	DEPTH OF LEAF	GLAZING RANGE	ACOUSTIC	MAXIMUM WINDOW SIZES	MAXIMUM DOOR SIZES
IP	65 mm	74 mm	4-51 mm	43 (-2,-4) dB	single-leaf window 1300 x 2752 mm double-leaf window 2200 x 2400 mm three-leaf window 3500 x 2400 mm	———
IP i+	65 mm	74 mm	4-51 mm	43 (-2,-4) dB	single-leaf window 1300 x 2752 mm double-leaf window 2200 x 2400 mm three-leaf window 3500 x 2400 mm	———

PERFORMANCE

SYSTEM	THERMAL INSULATION Uf *	AIR PERMEABILITY	WINDLOAD RESISTANCE	WATERTIGHTNESS
IP	Uf from 1,57 W/m^{2}K	Class 4; EN 12207	Class C4; EN 12210	Class E1350; EN 12208
IP i+	Uf from 1,28 W/m^{2}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.*