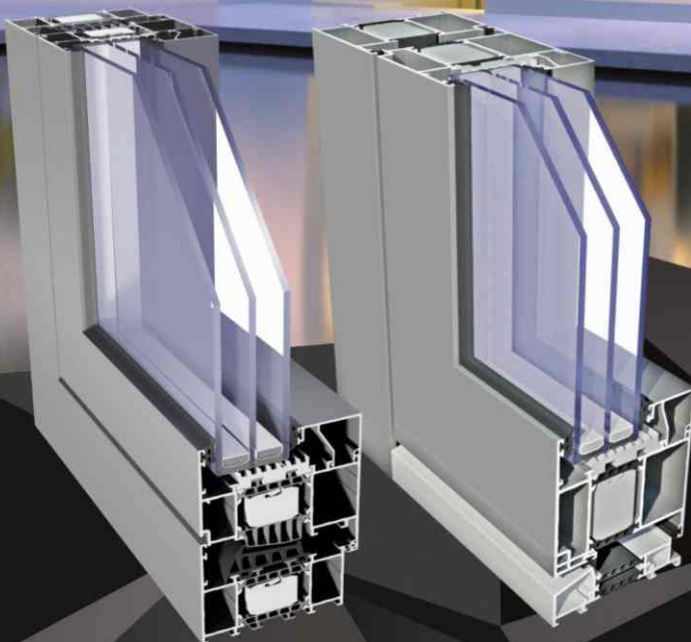


GT

STAR



Modern aluminium system for designing windows and doors requiring very good thermal insulation.

## GT

The modern aluminium system for designing windows and doors requiring very good thermal insulation.

Thermal separator 45 mm deep, made of solid and proven materials, is an effective thermal barrier.

The same type of insulation insert in the window sash and in the window frame provides continued protection against heat losses of the whole structure.

New standard of profile and glass pane interface - increased depth improves thermal properties and structure of the system.

New type of corner section used preventing collision between the screw and the corner when screwing in surface hardware elements under the PVC groove.

Possibility of adding roller hinge system hardware with very high load bearing capacity.

Innovative drainage system (no visible elements stopping drainage outlets).

The same type of corner and T connector in the external and internal cavity (reduced number of accessories, faster fabrication).

Reduced number of glazing strips and gaskets, while keeping the continuity of glazing depending on package thickness.

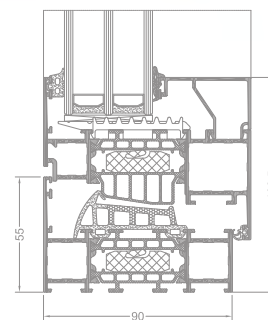
Option of bending profiles (detailed specification of profiles and detailed technical parameters of profile bending process are available in the customer area of the website [www.aliplast.pl](http://www.aliplast.pl)).

Modern design.

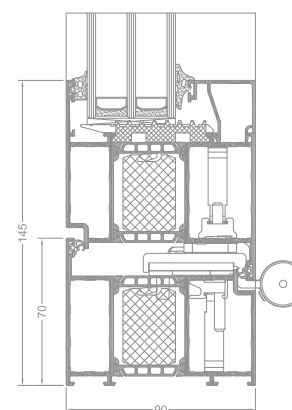
The system is particularly recommended for low energy consumption and thermal insulation retrofitted buildings, and they also improve thermal comfort in standard objects.

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

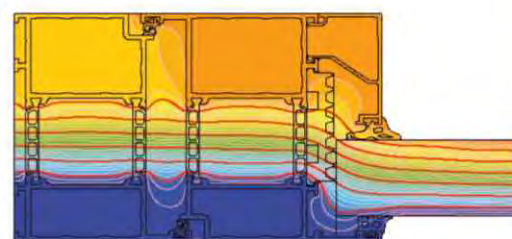
Wide range of colours – RAL palette (Qualicoat 1518), texture colours, Aliplast Wood Colour Effect (wood-like colours), Aliplast Loft View – colours imitating stone surfaces (Qualideco PL-0001), anodized colour (Qualanod 1808), bi-colour.



STAR window section



STAR door section



distribution of isotherms for frame with sash composition in door system in STAR (GT 415 + GT 424)

## TECHNICAL SPECIFICATION

SYSTEM	DEPTH OF FRAME	DEPTH OF LEAF	GLAZING RANGE	ACOUSTIC	MAXIMUM WINDOW SIZES	MAXIMUM DOOR SIZES
GT window	90 mm	/ 99 mm	fix 14-72 mm ru 23-81 mm	48 (-2,-5) dB	single-leaf window 1200 x 2870 mm double-leaf window 2200 x 2870 mm	_____
GT door	90 mm	/ 99 mm	/ 14-72 mm	45 (-1,-3) dB	_____	single-leaf door 1300 x 2800 mm double-leaf door 2500 x 3000 mm

## PERFORMANCE

SYSTEM	THERMAL INSULATION $U_f$ *	AIR PERMEABILITY	WINDLOAD RESISTANCE	WATERTIGHTNESS
GT window	$U_f$ from 0,73 W/m <sup>2</sup> K	Class 4; EN 12207	Class C5/B5; EN 12210	Class E900; EN 12208
GT door	$U_f$ from 1,21 W/m <sup>2</sup> K	Class 4; EN 12207	Class C5/B5; EN 12210	Class E1350; EN 12208

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