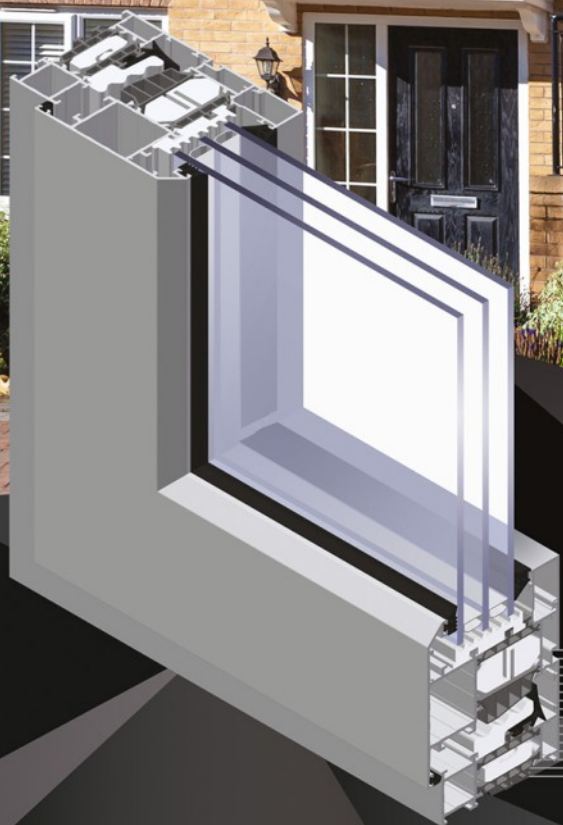


GN OUT

GENESIS OUT



System Genesis OUT is designed for designing tilt out and turn out windows. GN OUT features a faced internal surface of the frame and the sash.

# GN OUT

System Genesis OUT is designed for designing tilt out and turn out windows.

Genesis OUT features a faced internal surface of the frame and the sash.

System Genesis OUT is fully compatible with window system Genesis 75 (they share system elements: connectors, gaskets, glazing strips).

Turn out windows can be fitted with two types of hinges: rotating hinges or scissor hinge; window hardware used allows tilting the top or the bottom of the window outwards. Option of turn out window with the limit stop.

The available option of integrating windows with walls by using reversing profile.

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)).

Maximum dimensions and weights of structures in GN OUT system:

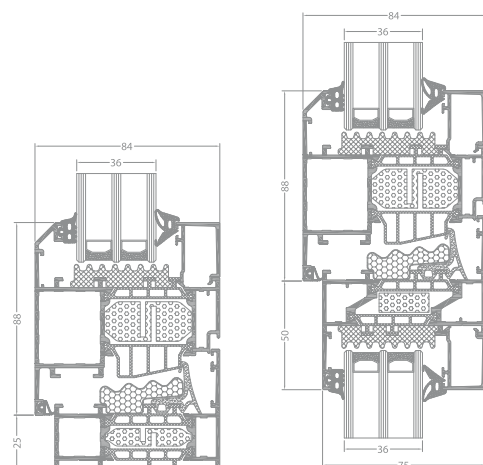
- *tilt out windows*: minimum width and height of sash 500 mm, maximum width and height of sash 2000 mm, maximum weight of sash 100 kg for tilt out windows
- *turn out windows*: minimum width and height of sash 500 mm, maximum width of sash 1500 mm, height of sash 3000 mm, maximum weight of sash 120 kg for turn out windows.

System GN OUT is available in the variant with improved thermal insulation power.

Available options:

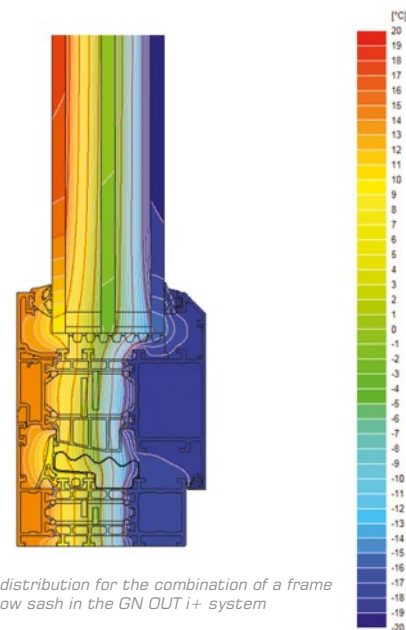
- *GENESIS OUT i*
- *GENESIS OUT i+*.

A wide range of colours available - RAL palette (Qualicoat 1518), structural colours, Aliplast Wood Colour Effect (Qualideco PL-0001), anodized (Qualanod 1808), bi-colour.



GN OUT i+ window section

GN OUT i+ window section



example isotherm distribution for the combination of a frame and a window sash in the GN OUT i+ system

## TECHNICAL SPECIFICATION

SYSTEM	MATERIAL	DEPTH OF FRAME	DEPTH OF LEAF	GLAZING RANGE	TYPE OF WINDOWS	TYPE OF DOORS
GN OUT	aluminium / polyamid	75 mm	84 mm	max 59 mm	outward	—

## PERFORMANCE

SYSTEM	THERMAL INSULATION $U_f$ *	AIR PERMEABILITY	WINDLOAD RESISTANCE	WATERTIGHTNESS
GN OUT	$U_f$ from 1,44 W/m <sup>2</sup> K	Class 4; EN 12210	E2400 Pa; EN 12210	E2400 Pa; EN 12208
GN OUT i	$U_f$ from 1,28 W/m <sup>2</sup> K	Class 4; EN 12210	E2400 Pa; EN 12210	E2400 Pa; EN 12208
GN OUT i+	$U_f$ from 1,01 W/m <sup>2</sup> K	Class 4; EN 12210	E2400 Pa; EN 12210	E2400 Pa; EN 12208

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