

EF
EF OC

ECOFUTURAL

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Ecofutural
window



Ecofutural OC
window

EF

Three-chamber window-door system for designing windows and doors featuring high thermal performance. The system features very good technical parameters.

An aluminium profile system with a thermal insert, used in locations where higher thermal performance is required. Options offered within the ECOFUTURAL system:

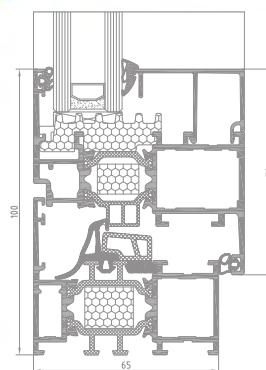
- *ECOFUTURAL i* – with thermal insulation on the perimeter in the spot where the window pane touches the profile.
- *ECOFUTURAL i+* – with thermal insulation on the perimeter in the spot where the window pane touches the profile.

The system is suitable to design monoblock type windows and doors with a displaced axis of rotation – PIVOT doors.

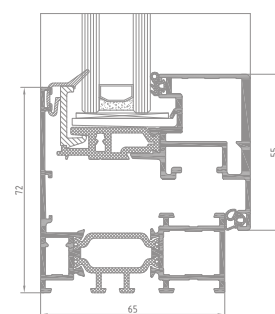
Profile shapes are suitable for installation of various types of envelope fittings, designed for the PVC groove.

The profiles can be bent. For a precise profile specification and details of technical parameters relating to profile bending, visit www.aliplast.pl and go to the authorisation zone.

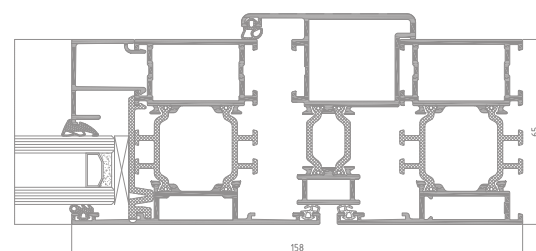
A wide range of colours available - RAL palette, structural colours, Aliplast Wood Colour Effect, bi-colour and anodized finish.



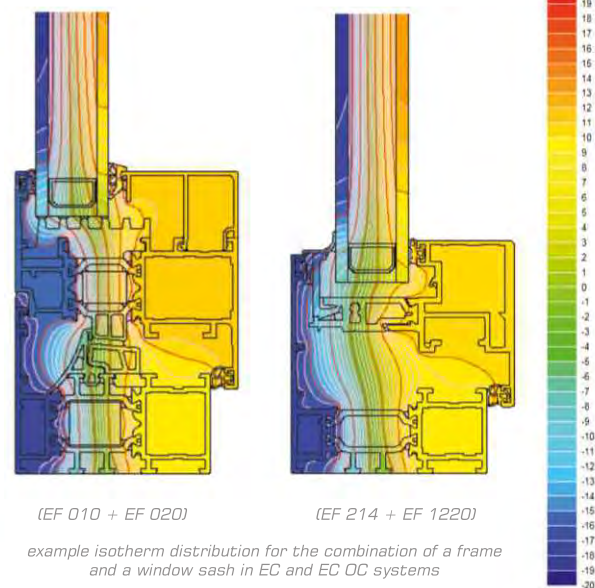
EF window section
(EF 010 + EF 020)



EF OC window section
(EF 214 + EF 1220)



Ecofutural PIVOT door section



(EF 010 + EF 020)

(EF 214 + EF 1220)

example isotherm distribution for the combination of a frame and a window sash in EC and EC OC systems

EF OC

Three-chamber window-door system for designing windows and doors featuring high thermal performance.

The system features frames, the shape of which is of special design, to mask the entire edge of the leaf profile. The glazing strip which is invisible from the indoor side is a great advantage of the solution.

The system is suitable to design monoblock type windows.

A very narrow joint of leaves (movable mullion) – 77 mm – gives the structure a slender look.

The system offers profiles which are ready to install external blinds.

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.

TECHNICAL SPECIFICATION

SYSTEM	MATERIAL	DEPTH OF FRAME	DEPTH OF LEAF	GLAZING RANGE	MAXIMUM WINDOW SIZES	MAXIMUM DOOR SIZES
EF	aluminium / polyamid	65-153 mm	74 mm	fix 4-50 mm window 13-59 mm	single-leaf window 1230 x 1480 mm double-leaf window 3000 x 2500 mm	—————
EF OC	aluminium / pcv	65-177 mm	68 mm	fix 21-26 mm window 21-32 mm	single-leaf window 1000 x 2500 mm double-leaf window 1600 x 2500 mm	—————

PERFORMANCE

SYSTEM	THERMAL INSULATION Uf *	AIR PERMEABILITY	WINDLOAD RESISTANCE	WATERTIGHTNESS
EF	Uf from 1,50 W/m ² K	Class 4; EN 12207	C4 (1600 Pa); EN 12210	9A (600 Pa); EN 12208
EF i	Uf from 1,44 W/m ² K	Class 4; EN 12207	C4 (1600 Pa); EN 12210	9A (600 Pa); EN 12208
EF i+	Uf from 1,27 W/m ² K	Class 4; EN 12207	C4 (1600 Pa); EN 12210	9A (600 Pa); EN 12208
EF OC	Uf from 1,66 W/m ² K	Class 4; EN 12207	C3 (1200 Pa); EN 12210	E900 (900 Pa); EN 12208

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