

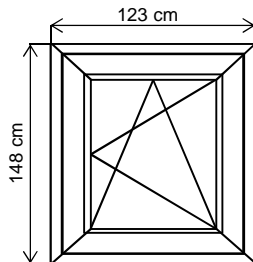
Material: Heat-absorbing insulating glass (Ug as per table)
 rigid PVC (ISO 1163 - PVC-U, EDLP, 082-50-T28) (Uf as per table)
 Multi-chamber profiles without steel reinforcement
 fibre-reinforced (powerdur inside)
 and sash for bonding of pane (bonding inside)

Properties: Air permeability: up to class: 4 (DIN EN 12207)
 Driving rain resistance: up to class: 9A (DIN EN 12208)
 Resistance to wind load: up to class: C5 (DIN EN 12210)
 Sound insulation (glass thickness 2x 4mm or 3x 4mm) corresponds to insulating glass unit Rw = 30 dB. Results according to EN 14351-1:
 $R_{w,P} = 33 \text{ dB}$ ($R_{w,R} = R_{w,P} - 2 \text{ dB}$)
 P: test value; R: calculated value

Characteristics: By installing a sound-insulating glass unit (pursuant to the corresponding aluplast certification report) the following $R_{w,P}$ value can be achieved:
 46 dB ($R_{w,R} = R_{w,P} - 2 \text{ dB}$)

Thermal insulation: Uw value Window (DIN EN ISO 10077-1) as per table.

Reference size: 1,23m x 1,48m ¹⁾



System provider: aluplast GmbH, Auf der Breit 2, D-76227 Karlsruhe

- Notes:**
- 1) Windows with a thermal transfer coefficient of glazing $U_g < 1.9 \text{ W/m}^2\text{K}$ may be indicated at any time with the standard dimensions 1.23m x 1.48m (DIN EN 14351-1: table E.1, footnote "d").
 - 2) U values $< 1.0 \text{ W/m}^2\text{K}$ are given with 2 decimal places in accordance with DIN EN ISO 10077.
 - 3) PHT: U_f value $\leq 1.2 \text{ W/m}^2\text{K}$ and U_w value $\leq 0.80 \text{ W/m}^2\text{K}$: (if available: see identification mark "PHT" in the table)
 Window = highly heat insulated / Passive-House-suitable.
 - 4) Additional measures allow for larger glazing.

Product Data Sheet

Standard PVC window

energeto® 8000

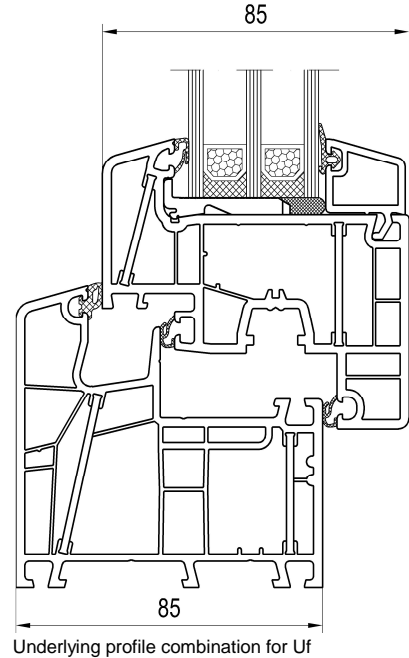
6 chambers

recessed (fv.)

Classic-line

fibre-reinforced profiles

bonding of pane



Visible profile height = 119 mm

Uf Frame	Ug Glazing	Uw Window		
		insulated-glass edge seal Standard (e.g. aluminium)	insulated-glass edge seal Warm Edge spacer	insulated-glass edge seal Swisspacer Ultimate
Based on the underlying profile combination and equipment (materials)	with standard gaskets without glazing rebate extension 20-51mm ⁴⁾	ψ (Psi) 0,070 [W/m ² K]	ψ (Psi) 0,040 [W/m ² K]	ψ (Psi) 0,030 [W/m ² K]
[W/m ² K]	DIN EN 673 ΔT (15°C) [W/m ² K]	DIN EN ISO 10077-1 >> CE marking [W/m ² K]	DIN EN ISO 10077-1 >> CE marking [W/m ² K]	DIN EN ISO 10077-1 >> CE marking [W/m ² K]
0,94	1,3	1,4 (1,36) ○	1,3 (1,28) ○	1,3 (1,26) ○
	1,2	1,3 (1,29) ○	1,2 (1,21) ○	1,2 (1,19) ○
	1,1	1,2 (1,22) ○	1,2 (1,15) ○	1,1 (1,12) ○
	1,0	1,2 (1,15) ○	1,1 (1,08) ○	1,1 (1,05) ○
	0,9	1,1 (1,08) ○	1,0 (1,01) ○	-- 0,99 ○
	0,8	1,0 (1,02) ○	-- 0,94 ○	-- 0,92 ○
	0,7	-- 0,95 ○	-- 0,88 ○	-- 0,85 ○
	0,6	-- 0,88 ○	-- 0,81 ○	PHT 0,78 ○
	0,5	-- 0,81 ○	PHT 0,74 ○	PHT 0,72 ○
	0,4	PHT 0,75 ○	PHT 0,67 ○	PHT 0,65 ○

○ The Uw value Window, based on the Uf value Frame and the selected Ug value Glazing, can be check-marked in the table.