Product Data Sheet

Standard PVC window

IDEAL 7000

6 chambers

recessed (fv.)

Classic-line

glazed with glazing blocks

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 with steel reinforcement

Properties:

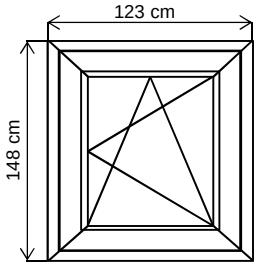
Air permeability:	up to class: 4	(DIN EN 12207)
Driving rain resistance:	up to class: 9A	(DIN EN 12208)
Resistance to wind load:	up to class: C5	(DIN EN 12210)

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 dB ($R_{w,R}$ = $R_{w,P}$ - 2 dB)
P: test value; R: calculated value

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

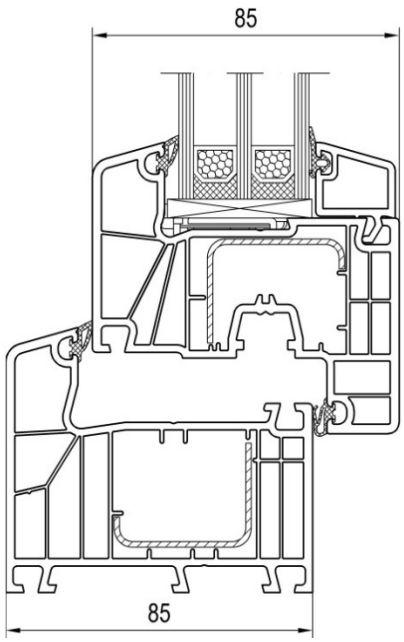
Thermal insulation: Uw value Window (DIN EN ISO 10077-1) as per table.

Reference size:



1,23m x 1,48m [1)]

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



Underlying profile combination for Uf

Visible profile height = **119** mm

Notes:

1) Windows with a thermal transfer coefficient of glazing Ug < 1.9 W/m²K 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 W/m²K are given with 2 decimal places in accordance with DIN EN ISO 10077.
3) PHT: Uf value <= 1.2 W/m²K and Uw value <= 0.80 W/m²K: (if available: see identification mark "PHT" in the table) Window = highly heat insulated / Passive-House-suitable.
4) Additional measures allow for larger glazing.

Uf Frame	Ug Glazing	Uw Window		
Based on the underlying profile combination and equipment (materials)	with standard gaskets without glazing rebate extension 20-51mm [4)]	insulated-glass edge seal Standard (e.g. aluminium) ψ (Psi) **0,070** [W/m²K]	insulated-glass edge seal Warm Edge spacer ψ (Psi) **0,040** [W/m²K]	insulated-glass edge seal Swisspacer Ultimate ψ (Psi) **0,030** [W/m²K]
[W/m²K]	DIN EN 673 ΔT (15°C) [W/m²K]	DIN EN ISO 10077-1 >> CE marking [W/m²K]	DIN EN ISO 10077-1 >> CE marking [W/m²K]	DIN EN ISO 10077-1 >> CE marking [W/m²K]
1,1	1,3	1,4 (1,41) ○	1,3 (1,33) ○	1,3 (1,31) ○
	1,2	1,3 (1,34) ○	1,3 (1,27) ○	1,2 (1,24) ○
	1,1	1,3 (1,27) ○	1,2 (1,20) ○	1,2 (1,17) ○
	1,0	1,2 (1,20) ○	1,1 (1,13) ○	1,1 (1,11) ○
	0,9	1,1 (1,14) ○	1,1 (1,06) ○	1,0 (1,04) ○
	0,8	1,1 (1,07) ○	1,0 (1,00) ○	-- 0,97 ○
	0,7	1,0 (1,00) ○	-- 0,93 ○	-- 0,90 ○
	0,6	-- 0,93 ○	-- 0,86 ○	-- 0,84 ○
	0,5	-- 0,87 ○	PHT 0,79 ○	PHT 0,77 ○
	0,4	PHT 0,80 ○	PHT 0,73 ○	PHT 0,70 ○

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