COMPARISON OF PVC WINDOW SYSTEMS





















INFORMATION	NEW IGLO EDGE	IGLO ENERGY	IGLO ENERGY CLASSIC	IGLO ENERGY ALUCOVER	IGLO 5	IGLO 5 CLASSIC	IGLO LIGHT	IGLO PREMIER	IGLO EXT	ALUPLAST NEW IDEAL NEO MD
THERMAL INSULATION Uw	Uw = 0,66 W/(m²K)*8	Uw = 0,71 W/(m²K)*1	Uw = 0,73 W/(m²K)*2	Uw = 0,76 W/(m²K)*7	Uw = 0,89 W/(m²K)*3	Uw = 0,83 W/(m²K)*4	Uw = 0,88 W/(m²K)*5	Uw = 0,89 W/(m²K)*6	Uw = 0,89 W/(m²K)*6	Uw = 0,76 W/(m²K)*7
NUMBER OF CHAMBERS IN THE PROFILE	7	7	7	7	5	5	5	5	5	6
SOUND INSULATION DB	dB = 36-42	dB = 36-46	dB = 36-46	-	dB = 36-44	dB = 36-44	dB = 36-44	-	-	dB = 36
PROFILE CORE COLOUR 1 - STANDARD 2 - OPTION	1 - white, brown, anthracite	1 - white 2 - brown	1 - white 2 - brown, anthracite	1 - white 2 - brown, anthracite	1 - white 2 - brown	1 - white 2 - brown	1 - white	1 - white	1 - white	1 - white 2 - brown, anthracite
RENOVATION FRAME HEIGHT	47 mm	47 mm	47 mm	-	41 mm lub 65 mm	41 mm lub 65 mm	41 mm lub 65 mm	41 mm lub 65 mm	41 mm lub 65 mm	-
GLAZED UNITS AS STANDARD	Ug = 0.5 W/(m²K) 3-pane (2 chamber) units, infilled with argon gas, galvanised steel glass-pane spacer optional Swisspacer Ultimate glass-pane spacer	Ug = 0.5 W/(m²K) 3-pane (2 chamber) units, infilled with argon gas, galvanised steel glass-pane spacer optional Swisspacer Ultimate glass-pane spacer	Ug = 0.5 W/(m²K) 3-pane (2 chamber) units, infilled with argon gas, galvanised steel glass-pane spacer optional Swisspacer Ultimate glass-pane spacer	Ug = 0.5 W/(m²K) 3-pane (2 chamber) units, infilled with argon gas, galvanised steel glass-pane spacer optional Swisspacer Ultimate glass-pane spacer	Ug = 1.1 W/(m²K) 2-pane (1 chamber) units, infilled with argon gas, galvanised steel glass-pane spacer optional Swisspacer Ultimate glass-pane spacer	Ug = 1.1 W/(m²K) 2-pane (1 chamber) units, infilled with argon gas, galvanised steel glass-pane spacer optional Swisspacer Ultimate glass-pane spacer	Ug = 1.1 W/(m²K) 2-pane (1 chamber) units, infilled with argon gas, galvanised steel glass-pane spacer optional Swisspacer Ultimate glass-pane spacer	Ug = 1.1 W/(m²K) 2-pane (1 chamber) units, infilled with argon gas, galvanised steel glass-pane spacer optional Swisspacer Ultimate glass-pane spacer	Ug = 1.1 W/(m²K) 2-pane (1 chamber) units, infilled with argon gas, galvanised steel glass-pane spacer optional Swisspacer Ultimate glass-pane spacer	Ug = 0.5 W/(m²K) 3-pane (2 chamber) units, infilled with argon gas, galvanised steel glass-pane spacer optional Swisspacer Ultimate glass-pane spacer
GLAZING THICKNESS MIN. - MAX.	48 - 58 mm	24 - 52 mm	24 - 52 mm	24 - 52 mm	24 - 40 mm	24 - 40 mm	24 - 40 mm	24 - 40 mm	24 - 40 mm	24-54 mm
PROFILE DEPTH/ HEIGHT 1 - FRAME 2 - SASH	1 - 82mm / 2 - 73mm 2 - 86mm / 2 - 76mm	1 - 82 mm / 74 mm 2 - 95,9 mm / 86 mm	1 - 82 mm / 74 mm 2 - 82 mm / 86 mm	1 - 82 mm / 74 mm 2 - 82 mm / 86 mm	1 - 70 mm / 66 mm 2 - 80 mm / 78 mm	1 - 70 mm / 66 mm 2 - 70 mm / 78 mm	1 - 70 mm / 66 mm 2 - 70 mm / 70 mm	1 - 70 mm / 66 mm 2 - 70 mm / 78 mm	1 - 70 mm / 66 mm 2 - 70 mm / 78 mm	1 - 76 mm / 68 mm 2 - 78 mm / 75 mm
STEEL REINFORCEMENT 1 - FRAME 2 - SASH		1 - 2 mm full (closed) 2 - 2 mm „c"-shaped	1 - 2 mm full (closed) 2 - 2 mm „c"-shaped	1 - 2 mm full (closed) 2 - 2 mm „c"-shaped	1 - 1.5 mm „c"-shaped 1 -2- 1.5 mm (2 mm on balcony doors) „c"-shaped	1 - 1.5 mm „c"-shaped 1 -2- 1.5 mm (2 mm on balcony doors) „c"-shaped	1 - 1.5 mm „c"-shaped 1 -2- 1.5 mm (2 mm on balcony doors) „c"-shaped	1 - 1.5 mm full (closed) 2- 1.5 mm specially designed profile	1 - 1.5 mm full (closed) 1 -2- 1.5 mm (2 mm on balcony doors) „c"-shaped	1 – 2mm full (closed) 2 – 2 mm „L"-shaped
BALCONY THRESHOLD 1 - STANDARD 2 - OPTION	1 - jamb frame 2 - Combi 20 mm	1 - jamb frame 2 - Combi Plan 0.0 mm, Combi Plan 0.0 mm or Combi 20 mm	1 - jamb frame 2 - Combi Plan 0.0 mm, Combi Plan 0.0 mm or Combi 20 mm	1 - jamb frame 2 - Combi Plan 0.0 mm, Combi Plan 0.0 mm or Combi 20 mm	1 - jamb frame 2 - 20 mm aluminium threshold or wooden threshold	1 - jamb frame 2 - 20 mm aluminium threshold or wooden threshold	1 - jamb frame 2 - 20 mm aluminium threshold or wooden threshold	1- jamb frame	1 - jamb frame 2 - 20 mm aluminium threshold or wooden threshold	1 - jamb frame 2 - 20 mm

*1 - For a window measuring 1230x1480 mm, with steel reinforcement and the argon gas-filled glass package Ug = 0.5 W/(m²K), with the Swisspacer plastic spacer bar.
*2 - For a window measuring 1230x1480 mm, with steel reinforcement and the argon gas-filled glass package Ug = 0.5 W/(m²K), with the Swisspacer plastic spacer bar.
*3 - For a window measuring 1,230x1,480 mm, with steel reinforcement and the argon gas-filled glass package Ug = 0.6 W/(m²K), with the Swisspacer plastic spacer bar.
*4 - For a window measuring 1,230x1,480 mm, with steel reinforcement and the argon gas-filled glass package Ug = 0.6 W/(m²K), with the Swisspacer plastic spacer bar.
*5 - For a window measuring 1,230x1,480 mm, with steel reinforcement and the argon gas-filled glass package Ug = 0.6 W/(m²K), with the Swisspacer plastic spacer bar.
*6 - For a window size of 1230x1480 mm - calculation method = 0.89 W/(m²K) with steel reinforcement and glazed units Ug = 0.6 W/(m²K) infilled with argon gas, with a Swisspacer plastic spacer.
*7 - For a window measuring 1,230x1,480 mm – calculation method = 0.76 W/(m²K) with the argon gas-filled glass package Ug = 0.5 W/(m²K), with the Swisspacer plastic spacer bar.
*8 - For a window measuring 1,230x1,480 mm, Uw = 0.66 W/(m²K) with steel reinforcement and the argon gas-filled glass package Ug = 0.4 W/(m²K), with the Swisspacer Ultimate plastic spacer bar.

COMPARISON OF PVC TERRACE SYSTEMS





NEW















NEW

INFORMATION	IGLO-HS	IGLO-HS ALUCOVER	IGLO ENERGY PSK	IGLO ENERGY CLASSIC PSK	IGLO 5 PSK	IGLO 5 CLASSIC PSK	IGLO LIGHT PSK	IGLO SLIDE	IGLO EDGE SLIDE
THERMAL INSULATION Uw	Uw = 0,71 W/(m²K)*1	Uw = 0,73 W/(m²K)*1	Uw = 0,66 W/(m²K)*2	Uw = 0,66 W/(m²K)*2	Uw = 0,81 W/(m²K)*3	Uw = 0,81 W/(m²K)*3	Uw = 0,84 W/(m²K)*3	-	Uw = 0,65 W/(m²K)*4
NUMBER OF CHAMBERS IN THE PROFILE	7	7	7	7	5	5	5	5	5
PROFILE CORE COLOUR 1 - STANDARD 2 - OPTION	1 - white	1 - white	1 - white 2 - brown	1 - white 2 - brown, anthracite	1 - white 2 - brown	1 - white 2 - brown	1 - white	1 - white	1 - white
V-PERFECT WELDING OPTION	yes	yes	no	yes	no	yes	yes	yes	yes
GLAZED UNITS AS STANDARD	Ug = 0.5 W/(m²K) 3-pane (2 chamber) units, infilled with argon gas, galvanised steel glass-pane spacer optional Swisspacer Ultimate glass-pane spacer	Ug = 0.5 W/(m²K) 3-pane (2 chamber) units, infilled with argon gas, galvanised steel glass-pane spacer optional Swisspacer Ultimate glass-pane spacer	Ug = 0.5 W/(m²K) 3-pane (2 chamber) units, infilled with argon gas, galvanised steel glass-pane spacer optional Swisspacer Ultimate glass-pane spacer	Ug = 0.5 W/(m²K) 3-pane (2 chamber) units, infilled with argon gas, galvanised steel glass-pane spacer optional Swisspacer Ultimate glass-pane spacer	Ug = 1.1 W/(m²K) 2-pane (1 chamber) units, infilled with argon gas, galvanised steel glass-pane spacer optional Swisspacer Ultimate glass-pane spacer	Ug = 1.1 W/(m²K) 2-pane (1 chamber) units, infilled with argon gas, galvanised steel glass-pane spacer optional Swisspacer Ultimate glass-pane spacer	Ug = 1.1 W/(m²K) 2-pane (1 chamber) units, infilled with argon gas, galvanised steel glass-pane spacer optional Swisspacer Ultimate glass-pane spacer	Ug = 1.1 W/(m²K) 2-pane (1 chamber) units, infilled with argon gas, galvanised steel glass-pane spacer optional Swisspacer Ultimate glass-pane spacer	Ug = 0.5 W/(m²K) 3-pane (2 chamber) units, infilled with argon gas, glass-pane spacer made of Swisspacer Ultimat
GLAZING THICKNESS MIN. - MAX.	36 - 52 mm	36 - 52 mm	24 - 52 mm	24 - 52 mm	24 - 40 mm	24 - 40 mm	24 - 40 mm	24 - 36 mm	48 mm, 54 mm
PROFILE DEPTH/ HEIGHT 1 - FRAME 2 - SASH	1 - 194 mm / 74 mm 2 - 82 mm / 98 mm	1 - 206 mm / 74 mm 2 - 82 mm / 98 mm	1 - 82 mm / 74 mm 2- 95,9 mm / 86 mm	1 - 82 mm / 74 mm 2- 95,9 mm / 86 mm	1 - 75 mm / 75 mm 2- 80 mm / 78 mm	1 - 70 mm / 75 mm 2 - 70 mm / 78 mm	1 - 70 mm / 75 mm 2 - 70 mm / 78 mm	-	1- 163mm/61mm 2- 82mm/108,5mm
STEEL REINFORCEMENT 1 - FRAME 2 - SASH	1 - 3 mm, „c"-shaped 2 - 2 mm full (closed)	1 - 3 mm, „c"-shaped 2 - 2 mm full (closed)	1 - 2 mm full (closed) 2 - 2 mm „c"-shaped	1 - 2 mm full (closed) 2 - 2 mm „c"-shaped	1 - 1.5 mm full (closed) 2 - 2 mm „c"-shaped	1 - 1.5 mm full (closed) 2 - 2 mm „c"-shaped	1 - 1.5 mm full (closed) 2 - 2 mm „c"-shaped	1 - 2 mm 2 - 2 mm	1 - 2 mm 2 - 2 mm
FITTINGS 1 - STANDARD 2 - OPTION	G-U with 3 locking bolts	G-U with 3 locking bolts	1 - MACO SKB-S Standard System 2 - MACO SKB-Z Automatic System	1 - MACO SKB-S Standard System 2 - MACO SKB-Z Automatic System	1 - MACO SKB-S Standard System 2 - MACO SKB-Z Automatic System	1 - MACO SKB-S Standard System 2 - MACO SKB-Z Automatic System	1 - MACO SKB-S Standard System 2 - MACO SKB-Z Automatic System	SIEGENIA	SIEGENIA
THRESHOLD	system threshold	system threshold	jamb frame	jamb frame	jamb frame	jamb frame	jamb frame	jamb frame	jamb frame

*1 - Calculation method: Terrace system of size 5000x2500 mm, with steel reinforcement and glazed units Ug = 0.5 W/(m²K) infilled with argon gas, with Swisspacer Ultimate plastic spacer.
*2 - Calculation method: Terrace system of size 2600x2250 mm, with steel reinforcement and glazed units Ug = 0.5 W/(m²K) infilled with argon gas, with Swisspacer Ultimate plastic spacer.
*3 - Calculation method: Terrace system of size 2600x2250 mm, with steel reinforcement and glazed units Ug = 0.7 W/(m²K) infilled with argon gas, with Swisspacer Ultimate plastic spacer.
*4 - Calculation method: Terrace system of size 4000x2500 mm, with steel reinforcement and glazed units Ug = 0.5 W/(m²K) infilled with argon gas, with Swisspacer Ultimate plastic spacer.