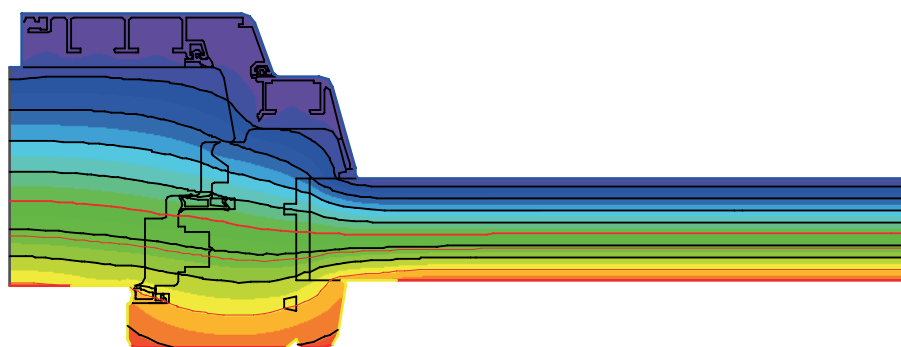


SYSTEM IV78

The IV78 system thoroughly meets today's requirements of high performance doors and windows with an oversized wood section with respect to the more standard IV68 version. This system allows to standardize the production of doors and windows using a single type of window for wood and wood-aluminum.



IV78 system
harmonious design and rounded lines,
suitable for homes with low energy consumption



frame: 78X80
sash: 78X78

Soft Wood

$U_f = 1,2 \text{ W/m}^2\text{K}$

Hard Wood

$U_f = 1,4 \text{ W/m}^2\text{K}$

	U_f	U_g	$\psi_g \text{ 0,04}$	$\psi_g \text{ 0,06}$
triple glazing	1,2 W/(m ² K)	0,6	$U_w=0,9 \text{ W/(m}^2\text{K)}$	$U_w=0,9 \text{ W/(m}^2\text{K)}$
	1,2 W/(m ² K)	0,7	$U_w=1,0 \text{ W/(m}^2\text{K)}$	$U_w=1,0 \text{ W/(m}^2\text{K)}$
	1,2 W/(m ² K)	0,8	$U_w=1,0 \text{ W/(m}^2\text{K)}$	$U_w=1,1 \text{ W/(m}^2\text{K)}$
	1,2 W/(m ² K)	0,9	$U_w=1,1 \text{ W/(m}^2\text{K)}$	$U_w=1,1 \text{ W/(m}^2\text{K)}$
	1,2 W/(m ² K)	1	$U_w=1,2 \text{ W/(m}^2\text{K)}$	$U_w=1,2 \text{ W/(m}^2\text{K)}$
double glazing	1,2 W/(m ² K)	1,1	$U_w=1,2 \text{ W/(m}^2\text{K)}$	$U_w=1,3 \text{ W/(m}^2\text{K)}$
	1,2 W/(m ² K)	1,2	$U_w=1,3 \text{ W/(m}^2\text{K)}$	$U_w=1,3 \text{ W/(m}^2\text{K)}$
	1,2 W/(m ² K)	1,3	$U_w=1,4 \text{ W/(m}^2\text{K)}$	$U_w=1,4 \text{ W/(m}^2\text{K)}$
	1,2 W/(m ² K)	1,4	$U_w=1,4 \text{ W/(m}^2\text{K)}$	$U_w=1,5 \text{ W/(m}^2\text{K)}$
	1,2 W/(m ² K)	1,5	$U_w=1,5 \text{ W/(m}^2\text{K)}$	$U_w=1,5 \text{ W/(m}^2\text{K)}$
	1,2 W/(m ² K)	1,6	$U_w=1,6 \text{ W/(m}^2\text{K)}$	$U_w=1,6 \text{ W/(m}^2\text{K)}$
	1,2 W/(m ² K)	1,7	$U_w=1,6 \text{ W/(m}^2\text{K)}$	$U_w=1,7 \text{ W/(m}^2\text{K)}$
	1,2 W/(m ² K)	1,8	$U_w=1,7 \text{ W/(m}^2\text{K)}$	$U_w=1,8 \text{ W/(m}^2\text{K)}$
	1,2 W/(m ² K)	1,8	$U_w=1,7 \text{ W/(m}^2\text{K)}$	$U_w=1,8 \text{ W/(m}^2\text{K)}$

	U_f	U_g	$\psi_g \text{ 0,04}$	$\psi_g \text{ 0,06}$
triple glazing	1,4 W/(m ² K)	0,6	$U_w=1,0 \text{ W/(m}^2\text{K)}$	$U_w=1,0 \text{ W/(m}^2\text{K)}$
	1,4 W/(m ² K)	0,7	$U_w=1,0 \text{ W/(m}^2\text{K)}$	$U_w=1,1 \text{ W/(m}^2\text{K)}$
	1,4 W/(m ² K)	0,8	$U_w=1,1 \text{ W/(m}^2\text{K)}$	$U_w=1,2 \text{ W/(m}^2\text{K)}$
	1,4 W/(m ² K)	0,9	$U_w=1,2 \text{ W/(m}^2\text{K)}$	$U_w=1,2 \text{ W/(m}^2\text{K)}$
	1,4 W/(m ² K)	1	$U_w=1,2 \text{ W/(m}^2\text{K)}$	$U_w=1,3 \text{ W/(m}^2\text{K)}$
double glazing	1,4 W/(m ² K)	1,1	$U_w=1,3 \text{ W/(m}^2\text{K)}$	$U_w=1,4 \text{ W/(m}^2\text{K)}$
	1,4 W/(m ² K)	1,2	$U_w=1,4 \text{ W/(m}^2\text{K)}$	$U_w=1,4 \text{ W/(m}^2\text{K)}$
	1,4 W/(m ² K)	1,3	$U_w=1,4 \text{ W/(m}^2\text{K)}$	$U_w=1,5 \text{ W/(m}^2\text{K)}$
	1,4 W/(m ² K)	1,4	$U_w=1,5 \text{ W/(m}^2\text{K)}$	$U_w=1,6 \text{ W/(m}^2\text{K)}$
	1,4 W/(m ² K)	1,5	$U_w=1,6 \text{ W/(m}^2\text{K)}$	$U_w=1,6 \text{ W/(m}^2\text{K)}$
	1,4 W/(m ² K)	1,6	$U_w=1,6 \text{ W/(m}^2\text{K)}$	$U_w=1,7 \text{ W/(m}^2\text{K)}$
	1,4 W/(m ² K)	1,7	$U_w=1,7 \text{ W/(m}^2\text{K)}$	$U_w=1,8 \text{ W/(m}^2\text{K)}$
	1,4 W/(m ² K)	1,8	$U_w=1,8 \text{ W/(m}^2\text{K)}$	$U_w=1,8 \text{ W/(m}^2\text{K)}$
	1,4 W/(m ² K)	1,8	$U_w=1,8 \text{ W/(m}^2\text{K)}$	$U_w=1,8 \text{ W/(m}^2\text{K)}$

NOTES: Calculation made according to UNI EN 10077-2:2004 and UNI EN 10077-1:2007 standards.

Sample dimensions as required by UNI EN ISO 12567-1:2002 (Window with 1 sash LxH:1230x1480mm).

It is calculated on standard systems with reference to the sections shown in the Uniform technical catalogue.

This calculation was made on the basis of the standards provided below only for the purpose of internal analysis and verification.

The results obtained do not constitute compliance criterion. Such results can be issued only by an authorized certification body.

Uniform SpA shall not be held liable for either the values indicated or their use.

Uniform SpA reserves the right to introduce modifications at any time without notice.

Reference Standards: UNI EN 10077-1:2007; UNI EN 10077-2:2004; UNI EN 12524:2001; UNI EN 673:2011.