

Declaration of Performance

no 03/2021EN

1. Name of product: Windows Ecotherm92
2. Code of product type: D92, D92R
3. Identification number: XXXXXX
4. Intended use: Window system suitable for use residential and business buildings
5. Manufacturer: **Witraż spółka z ograniczoną odpowiedzialnością**, Łyski, ul. Warszawska 68, 16-070 Choroszcz
6. System of assessment of constancy of performance: 3
7. Notified body: MLTB. nb 2189, CSI a.s., nb. 1390
8. Harmonized technical specification: EN:14351-1+A2:2016
9. Declared performance:

Essential features	Performance
Resistans to wind load	C5 for single and multi-sash windows C4 for balcony windows with flying mullion
Resistance to heavy rain	E750 for single sash windows 7A for windows with flying mullion and multi-sash windows 3A for balcony windows with flying mullion
Hazardous substances	Not included
Load-bearing capacity of safety devices	Fulfill
Air permeability	4

Sound insulation (dB) for reference single sash window of 1.23m x 1.48m (area of $\leq 2,7 \text{ m}^2$)			
Glazed unit	Declared value:	Glazed unit	Declared value:
4-18-4-18-4, Rw 31(-2;-7)dB	33(-1;-7)dB	4-16-4-16-4, Rw 32(-2;-6)dB	34(-1;-6)dB
4-14-4-14-4, Rw 33(-1;-5)dB	34(-1;-4)dB	6-12-4-12-4, Rw 36(-1;-5)dB	36(-1;-5)dB
8-12-4-12-6, Rw 39(-1;-4)dB	37(-1;-4)dB	44.2-16-4-16-33.1, Rw 40(-1;-4)dB	38(-1;-4)dB

Thermal insulation ($\text{W} / \text{m}^2 \text{ K}$) - w value determined for the reference window of 1.23m x 1.48m			
U_g $\text{W/m}^2 \text{ K}$	Glass spacer systems		
	Standard glazing $\Psi=0,07 \text{ W/m}^2 \text{ K}$	Warm glazing $\Psi=0,04 \text{ W/m}^2 \text{ K}$	Warm glazing $\Psi=0,032 \text{ W/m}^2 \text{ K}$
0,8	1,1	1,0	0,98
0,7	1,0	0,93	0,91
0,6	0,97	0,86	0,84
0,5	0,90	0,79	0,77

Responsible for the creation of the declaration of performance is only the manufacturer according to number 5.

Signed for the manufacturer and in the name of the manufacturer: Andrzej Fiedorowicz

Łyski, 04.05.2021

DYREKTOR
d/s Produkcji
Andrzej Fiedorowicz