

Declaration of Performance

no 22/2021EN

1. Name of product: Windows PN70 BALANCE
2. Code of product type: BALANCE
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: CSI a.s., nn. 1390, 1390 – CPR – 0002-2019/Z
8. Harmonized technical specification: EN 14351-1:2006+A2:2016
9. Declared performance:

Essential features	Performance
Resistans to wind load	C5/B5 for single sash windows C3/B3 for windows with flying mullion C1/B2 for balcony doors with flying mullion
Resistance to heavy rain	9A
Hazardous substances	Not included
Load-bearing capacity of safety devices	NPD
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:
4-16-4	35 (-1;-5)dB	8-20-4	37 (-3;-7) dB
4-12-4-12-4	32 (-1;-5) dB	10-20-4	39 (-4;-8) dB
4-16-4-16-4	34 (-2;-6) dB		

Thermal insulation ($W / m^2 K$)*			
U_g $W/m^2 K$	Glass spacer systems		
	Standard glazing $\psi=0,07 W/mK$	Warm glazing $\psi=0,04 W/mK$	Warm glazing $\psi=0,032 W/mK$
1,1	1,3	1,2	1,2
1,0	1,3	1,2	1,1
0,9	1,2	1,1	1,1
0,8	1,1	1,0	1,0
0,7	1,1	0,95	0,93
0,6	0,99	0,88	0,86
0,5	0,92	0,81	0,79

* - w value determined for the reference window of 1.23m x 1.48m, with different types of glazing and different types of spacer.

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: Wojciech Cyrulik

Łyski, 04.05.2021

Pełnomocnik ds. Zakładowej
Kontroli Produkcji
Wojciech Cyrulik
Wojciech Cyrulik