1. Unique identification code of the product-type:

   IV 78 – commercial version ENERGO 78 window

2. Intended use/es:

   Wooden windows and balcony doors designed for use in residential and public utility buildings.

3. Manufacturer:

   **FAKRO PP Sp. z o.o.
   ul. Węgierska 144a,
   33-300 Nowy Sącz, Poland
   fakro@fakro.pl**

4. Authorised representative: ./.

5. System/s of AVCP:

   3

6. Harmonised standard: **EN 14351-1:2006+A2:2016**

   Notified body/ies: ift Rosenheim (0757), Instytut Techniki Budowlanej (1488)

7. Declared performance/s:

Essential characteristics		Performance	Harmonised technical specification
		IV78	
	Glass unit	71U (4-12-4-12-4)	
7.1	Resistance to wind load	Class C3/B3 (1)	
7.2	Watertightness	Class 5A	
7.3	Dangerous substances	npd (2)	
7.4	Load-bearing capacity of safety device	npd	EN 14351-1:2006+A2:2016
7.5	Acoustic performance	35 (-1,-5) [dB]	
7.6	Thermal transmittance Uw	1.0 [W/m²K] (3), (5) 1.1 [W/m²K] (4), (5)	
7.7	Radiation properties: - Solar factor g - Light transmittance	0.53 0.74	
7.8	Air permeability	Class 3	

(1) for the windows with the width of >1,80 m and height of >2,25 m: npd, (2) npd – no performance determined,(3) reference dimension (1.23 x 1.48 m) – calculation according to standard PN-EN ISO 10077-1, p. 6 (window made of pinewood), (4) reference dimension (1.23 x 1.48 m) – calculation a ccording to standard PN-EN ISO 10077-1, p. 6 (window made of meranti wood), (5) for windows with cross bars the thermal transmittance (Uw) should be increased by 0,2 W/m²K according to EN 14351-1:2006+A2:2016 Annex J.

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed on behalf of the manufacturer by:

Ewa Łukaszczyk-Haslik

Nowy Sacz, 19/06/2023