

1. Unique identification code of the product-type: **DXF DU6, DMF DU6, DEF DU6, DEF DU6 Solar, D_F DU6 ColourLine, DXF DU8, DMF DU8, DEF DU8, DEF DU8 Solar, D_F DU8 ColourLine**
2. Intended use/es: **PVC flat roof windows intended for installation in residential and commercial 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: **Centrum Naukowo - Badawcze Ochrony Przeciwpowozarowej - Państwowy Instytut Badawczy (1438)
Instytut Techniki Budowlanej (1488)**

7. Declared performance/s:

Essential characteristics	Performance		Harmonised technical specification
	DXF DU6 DMF DU6 DEF DU6 DEF DU6 Solar D_F DU6 ColourLine	DXF DU8 DMF DU8 DEF DU8 DEF DU8 Solar D_F DU8 ColourLine	
7.1 Resistance to wind load	Class C5/B5 (1) Class C2/B2 (2)	Class C5/B5 (1) Class C2/B2 (2)	EN 14351-1:2006+A2:2016
7.2 Resistance to snow and permanent load	6H-18-4H-18-44.2 (3) 6H-16-4H-18-55.2 (3)	6H-10-4H-10-4H-12-44.2 (3)	
7.3 Reaction to fire	B-s2,d0	B-s2,d0	
7.4 External fire performance	B _{ROOF} (t1)	B _{ROOF} (t1)	
7.5 Watertightness. Non-shielded (A)	Class E1200	Class E1200	
7.6 Impact resistance	Class 5 – 950mm	Class 5 – 950mm	
7.7 Load-bearing capacity of safety device	npd (4)	npd (4)	
7.8 Acoustic performance	34 (-1,-4) [dB]	33 (-1,-3) [dB]	
7.9 Thermal transmittance	0.70 [W/m ² K] (5)	0.64 [W/m ² K] (5)	
7.10 Radiation properties: - Solar factor g - Light transmittance	0.43 0.54	0.38 0.49	
7.11 Air permeability	Class 4	Class 4	

(1) for the windows with the width of ≤140 cm and height of ≤140 cm, (2) for the windows with the width of >140 cm and height of >140 cm, (3) H – toughened glass, (4) npd – no performance determined, (5) reference dimension (1,23 x 1,48) m – calculation according to standard PN-EN ISO 10077-1, p. 6.

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 Sącz, 22/01/2024


Additional tests:

Determining heat transfer coefficient U_{rc} as per EN 1873:2014+A1:2016 for windows sized 1.2 x 1.2 m and having A surface : 4.0 m²

- Thermal transmittance $U_{rc} = 0,59$ [W/m²K] (for D_F DU6 with XRD base)

- Thermal transmittance $U_{rc} = 0,51$ [W/m²K] (for D_F DU8 with XRD base)