

1. Unique identification code of the product-type: **HST SOFT 78, HST MODERN 78, HST PURE 78, HST SOFT 92, HST MODERN 92, HST PURE 92**  
– commercial version GEMINI SI STANDARD 68/100
2. Intended use/es: **Slide wooden windows and balcony doors in aluminium cladding 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), Laboratorium Techniki Budowlanej (1827)**

**7. Declared performance/s:**

Essential characteristics		Performance		Harmonised technical specification
		HST SOFT 78, HST MODERN 78, HST PURE 78	HST SOFT 92, HST MODERN 92, HST PURE 92	
Glass unit		66U (4 - 18 - 4 - 18 - 4)	66U (4 - 18 - 4 - 18 - 4)	EN 14351-1:2006+A2:2016
7.1	Resistance to wind load	Class C3/B3 (1)	Class C3/B3 (1)	
7.2	Watertightness	Class 9A	Class 9A	
7.3	Dangerous substances	npd (2)	npd (2)	
7.4	Load-bearing capacity of safety device	npd	npd	
7.5	Acoustic performance	npd	npd	
7.6	Thermal transmittance $U_w$	0.91 [ $W/m^2K$ ] (3), (4)	0.91 [ $W/m^2K$ ] (3), (4)	
7.7	Radiation properties: - Light transmittance $\tau_v$ - Solar factor $g$	0.74 0.53	0.74 0.53	
7.8	Air permeability	Class 4	Class 4	

(1) for the windows with the width of >3.80 m and height of >2.60 m: npd – no performance determined, (2) npd – no performance determined, (3) reference dimension (1.48 m x 2.18 m) – calculation according to standard PN-EN ISO 10077-1, p. 6 (window made of pinewood), (4) for windows with cross bars the thermal transmittance ( $U_w$ ) should be increased by 0,2  $W/m^2K$  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 Sącz, 03/07/2019

