
	Declaration of Performance	No. S01/CPR/1279/17	 EN 1279-5	Year of implementation 07
---	-----------------------------------	-------------------------------	--	-------------------------------------

1. The product-type: **Insulating glass units U2 (4H-St16Ar-4T), U3 (4H-Tg16Ar-4T), U3A (4HS-Tg16Ar-4T)**
where: H – toughened glass
T – low emission coating
S – easy maintenance layer
St – steel spacer
Tg – TGI spacer
Ar – Argon
2. Intended use: **Intended to be used in buildings and construction works**
3. Manufacturer: **FAKRO GP Sp. z o.o.**
Węsierska 144a Street,
33-300 Nowy Sącz, Poland
4. Authorised representative: *./.*
5. System of assessment and verification of constancy of performance: **3**
6. Harmonised standard: **EN 1279-5:2005+A2:2010**
Notified body: TNO Quality Services BV, P.O.Box 6235, 5600 HE Eindhoven, (notification No. 1750), The Netherlands; Ift Rosenheim, Theodor-Gietl-Str. 7-9, 83026 Rosenheim, (notification No. 0757), Germany; CSTB (notification No. 0679) France; Guardian Configurator version 4.1.181 certified by KIWA

7. Declared performance:

Essential characteristics	Performance		Harmonised technical specification	
	glass	U2		U3/U3A
Resistance to fire		npd	4.3.2.2	
Reaction to fire		npd	4.3.2.3	
External fire performance		npd	4.3.2.4	
Bullet resistance		npd	4.3.2.5	
Explosion resistance		npd	4.3.2.6	
Burglar resistance		npd	4.3.2.7	
Pendulum body impact resistance		npd	4.3.2.8	
Resistance against sudden temperature changes and temperature differentials, [K]		100	4.3.2.9	
Wind, snow, permanent and imposed load resistance, [mm]		4 mm (4-16-4)	4.3.2.10	
Direct airborne sound insulation, $R_w (C;C_{tr})$, [dB]		npd	4.3.2.11	
Thermal properties: - thermal transmittance factor, U_g [W/(m ² K)] - normal emissivity, ϵ_n		1.1 0.03	1.0 0,01	4.3.2.12
Radiation properties: - Light transmittance and reflectance factor: τ_v / ρ_v - Solar direct transmittance and reflectance factor: τ_c / ρ_c		0.82/0.12 0.58/0.28	0.70/0.20 0.45/0.38	4.3.2.13 4.3.2.14

EN 1279-5:2005+A2:2010

npd (no performance determined)

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
(Certification and Quality Control Director)
Nowy Sącz, 05.04.2017