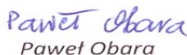


1. EFFECTOR S.A.
ul. Hauke-Bosaka 2
25-214 Kielce POLSKA

CE

Harmonised standard:		PN-EN 1279-5:2018 attachment ZA				
Intended use/es:		Insulated glass unit / for use in construction industry and construction works				
Unique identification code of the product-type:		LS04T\Z\H\P\TG18J\S\A\FL04\TG18J\S\A\LS04T\Z\H\P (ESG PLANITHERM XN 4 ZAT HART\RAMKA TGI 18 J\S\ARGON\FLOAT 4 MM\RAMKA TGI 18 J\S\ARGON\ESG PLANITHERM XN 4 ZAT HART)				
Declared performance/s:		Standard	AVCP Systems	Unit of meas.	Symbol	Value
Safety in the case of fire – Fire resistance		EN-13501-2	1	-		NPD
Safety in the case of fire – Reaction to fire		EN-13501-1	3,4	-		NPD
Safety in the case of fire – Impact of external fire		-	3,4			NPD
Safety of use – Resistance to bullets: behavior in the case of breakdown and resistance to attack		EN 1063	1	-		NPD
Safety of use – Resistance to explosion: behavior in the case of breakdown and resistance to attack		EN 13541	1	-		NPD
Safety of use – Burglary resistance: behavior in the case of breakdown and resistance to attack		EN 356	3	-		NPD-NPD-NPD
Safety of use – Resistance to pendulum impact: behavior in the case of breakdown (safe cracking) and impact resistance		EN 12600	3	-		NPD-NPD-NPD
Safety of use – Mechanical resistance: Resistance to sudden temperature changes and temperature differences		EN 572	4	°K		200-40-200
Safety of use - Mechanical resistance: Glass resistance to wind, snow pressure, permanent and/or applied load		-	4	MPa		120-45-120
Noise protection: Direct airborne sound insulation 3-examination; 4-estimation; 5-extension EN 12758		EN 12758	3	dB	Rw(C;Ctr)	32(-1;-6)
Energy saving and heat retention – Thermal properties		EN 673	3	W/(m2·K)	Ug	0,5
Energy saving and heat retention – Radiometric properties: Light transmittance factor		EN 410	3	%	LT,tv	74
Energy saving and heat retention - Radiometric properties: External / internal light reflection factors		EN 410	3	%	LR, pv/LR', p'v	14/14
Energy saving and heat retention - Radiometric properties: Direct solar energy transmittance factor		EN 410	3	%	TE, te, ET	48
Energy saving and heat retention - Radiometric properties: Direct solar energy reflection factor		EN 410	3	%	ERe, pe, ER	32
Energy saving and heat retention - Radiometric properties: Total solar energy transmittance factor		EN 410	3	%	g	54
Notified body:		1487				
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 for and on behalf of the manufacturer by:		 Paweł Obara		at Kielce	on	30/12/2024
NPD-No performance determined						
If there are two or more values, this means that the first value refers to the first pane, the second value to the second pane, etc.						
Confirmation of the HST-Heat Soak Test, types of spacer bar and IGU with silicone UV in the documents of purchase.						
Values of factors apply to vertical glazing, without mullions and glass decorations.						
DESCRIPTION: ESG-toughened glass; TVG-semi-toughened glass; Ar-Argon; Kr-Krypton; Emalit-enameled glass; Sitodruk-silk-screen printing; SI-acoustic foil.						