

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

CE

Unique identification code of the product-type: **LS04T\ZH\PI\SP12JS\A\FL04\SP12JS\A\LS04T\ZH\PI**
(ESG PLANITHERM XN 4 ZAT HART\RAMKA SSP 12 J SZAR\ARGON\FLOAT 4
MM\RAMKA SSP 12 J SZAR\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	-		1C1-NPD-1C1
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	-	4	dB	Rw(C;Ctr)	32(-1;-5)
Energy saving and heat retention – Thermal properties	EN 673	3	W/(m2·K)	Ug	0,7
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

Signed for and on behalf of the
manufacturer by: Pawel Obara at Kielce on 30/12/2024
Pawel Obara

DESCRIPTION: ESG-toughened glass; TVG-semi-toughened glass; Ar-Argon; Kr-Krypton; Emalit-enameled glass; Sitodruk-silk-screen printing; SI-acoustic foil.