



effect glass S.A.
ul. Hauke Bosaka 2
25-214 Kielce
Poland

effect glass S.A.
Wędkowy Branch
83-115 Swarzędz
Poland

according to requirements of the standard:

PN-EN 1279-5+A2:2011 Schedule ZA

name / intended use of the product:

insulated glass unit / for use in construction industry and construction works

identification of the product:

ESG10CL154/16/ESG4/16/33.2LE+A

ESG 10MM COOL-LITE SKN 154 / 16 / ESG 4MM / 16 / 33.2LE+ARGON

Characteristics:

		Value:	Standard
Fire resistance		NPD	EN-13501-2
Reaction to fire		NPD	EN-13501-1
Behavior of external fire		NPD	
Bullet resistance		NPD	EN 1063
Explosion resistance		NPD	EN 13541
Resistance against manual attack		NPD/NPD/P2A	EN 356
Pendulum body impact resistance		1C1/1C1/1B1	EN 12600
Resistance against sudden temperature changes and temperature differentials	[°K]	200/200/40	EN 572
Wind, snow, permanent and imposed load resistance	[mm]	6/4/6	
Airborne sound insulation	$R_w(C;C_{tr})$ [dB]	NPD	EN 12758
Light transmittance factor	τ_v [%]	46	EN 410
Light reflectance factor	ρ_v / ρ'_v [%]	19/23	EN 410
Solar direct transmittance factor	τ_e [%]	21	EN 410
Solar direct reflectance factor	ρ_e / ρ'_e [%]	28/36	EN 410
Total solar energy transmittance factor	g [%]	25	EN 410
Thermal transmittance factor	U [W/m ² K]	0,5	EN 673

NPD - No performance determined

Effect Glass S.A. declares, under its sole responsibility, that the construction product is in conformity with the above performance characteristics.

Technical Director

Kielce, 2017-02-14

W Bratek
Waldemar Bratek

Notified Body taking part in conformity assessment of the product:

Institute of Ceramics and Building Materials in Warsaw. Glass and Building Materials Division in Cracow. Glass Technology Unit. 30-702 Cracow ul. Lipcowa 3 - Initial Type Testing

Institute of Ceramics and Building Materials in Warsaw. Ceramics and Glass Section. 02-676 Warsaw ul. Postępu 9 - Factory Production Control Certificate, Conformity Certificate acc. To. PN-EN 1279-5

Schedule no. 1 to the Declaration of Performance:

Copy of particulars accompanying CE marking