

DECLARATION OF PERFORMANCE No. 934



Year of issue

07



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

effect glass S.A.
Wędkowy Branch
83-115 Swarżyn
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:

ESG6LE/16/6/16/ESG6LE+A (SSP G)

| 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 | EN 356 |
| Pendulum body impact resistance | | 1C1/NPD/1C1 | EN 12600 |
| Resistance against sudden temperature changes and temperature differentials | [°K] | 200/40/200 | EN 572 |
| Wind, snow, permanent and imposed load resistance | [mm] | 6/6/6 | |
| Airborne sound insulation | $R_w(C;C_{tr})$ [dB] | NPD | EN 12758 |
| Light transmittance factor | τ_v [%] | 69 | EN 410 |
| Light reflectance factor | ρ_v / ρ'_v [%] | 15/15 | EN 410 |
| Solar direct transmittance factor | τ_c [%] | 39 | EN 410 |
| Solar direct reflectance factor | ρ_e / ρ'_e [%] | 28/28 | EN 410 |
| Total solar energy transmittance factor | g [%] | 49 | EN 410 |
| Thermal transmittance factor | U [W/m ² K] | 0,6 | EN 673 EN 674 |

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.

Kielce, 2013-11-26

Technical Director

Notified Body taking part in conformity assessment of the product:

Waldemar Bratek

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