

### DECLARATION OF PERFORMANCE

We hereby certify that the glass as stipulated below complies with the relevant provisions of the E.C. construction product regulation & the requirement of:

**Product Identification:**

31.78mm Low – Iron SentryGlas Laminated Glass  
 12612.4(12mm Low-Iron Toughened + 0.89mm SentryGlas (SG5000) + 6mm Low-Iron Annealed + 0.89mm SentryGlas (SG5000) + 12mm Low-Iron Toughened)

**Type / Batch / Serial Number:**

Each glass has its own identification label attached including bar code for traceability.

**Intended use:**

Glass in building — Laminated Glass and Laminated safety glass.

**Manufacturer:**

Toughglaze (UK) Ltd - Unit 1, Badger Rise, Ridgmont, Brogborough, MK43 0YL

**Harmonised Standard No:**

EN 14449:2005

**Declared Performance:**

Light:			Energy:		
Transmittance	LT	91%	Direct Transmittance	ET	77.0%
	UV %	0.0%	Reflectance	ER	6.0%
Reflectance Out	LR Out	7.0%	Absorptance	EA	17.0%
Reflectance In	LR in	7.0%	Total transmittance SF		81.0%
			Shading Coefficient Total		0.93
			Selectivity		1.12
Performance Code:			Sound Reduction	R <sub>w</sub> (C;C <sub>tr</sub> ) dB	NPD
U <sub>g</sub> – value/Light/Energy		4.8 / 91 / 81	Thermal Transmittance	W/m <sup>2</sup> K	4.8
Ra		99			
Additional Values:					
Bullet Resistance	EN 1063	NPD	Burglar Resistance	EN 356	NPD
Explosion Resistance	ISO 16933	NPD	Pendulum Body Impact Resistance	EN 12600	1 (B) 1
Load Resistance (mm)		31.7	Resistance to Temperature Differentials (K)		40
Reaction to Fire	EN 13501	NPD	External Fire Performance		NPD
Resistance to Fire	EN 1364	NPD			

\*The values of some of the characteristics are stated as NPD which is for “No Performance Determined”.

\* Calculations are made according to EN 410 and 673/2011

\* All data and values are subject to tolerances and ToughGlaze (UK) Ltd Terms & Conditions.

\* Notified Body: BSI (No 0086).

Signed for and on behalf of manufacturer by:

Mr. Bhavik Varsani  
 (Managing director)



Location: London, UK  
 Date: 19.10.2024

**ToughGlaze (UK) Ltd** Unit 1, Badgers Rise, Ridgmont, Brogborough, Bedford, MK43 0YL