



**DECLARATION OF PERFORMANCE**  
**TG/CE-004CL-H000-B**  
**CONSTRUCTION PRODUCT REGULATION 2011**

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:**

4mm Clear Heat Strengthened Glass

**Type / Batch / Serial Number:**

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

**Intended use:**

Glass in building — Heat soaked thermally toughened soda lime silicate safety glass.

**Manufacturer:**

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

**System Assessment:**

System 2+

**Harmonised Standard No:**

EN 14179-2:2005

### Declared Performance:

Light:			Energy:		
Transmittance	LT	90%	Direct Transmittance	ET	85%
	UV %	68%	Reflectance	ER	8%
Reflectance Out	LR Out	8%	Absorptance	EA	7%
Reflectance In	LR in	8%	Total transmittance	g	87%
			Shading Coefficient Total		1
			Shading Coefficient Shortwave		0.98
Performance Code:			Sound Reduction	R <sub>w</sub> (C;C <sub>tr</sub> ) dB	29(-2;-3)
U <sub>g</sub> – value/Light/Energy	5.8 / 90 / 87		Thermal Transmittance	W/m <sup>2</sup> K	5.8
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	NPD
Load Resistance (mm)		4	Resistance to Temperature		100
Reaction to Fire	EN 13501	A1	Differentials (K)		
Resistance to Fire	EN 1364	NPD	External Fire Performance		NPD
<p>* The values of some of the characteristics are stated as NPD which is for “No Performance Determined”.</p> <p>* Calculations are made according to EN 410 and 673/12898.</p> <p>* All data and values are subject to tolerances and ToughGlaze (UK) Ltd Terms &amp; Conditions.</p> <p>* Notified Body: BSI (No 0086).</p> <p>* BSI report (Ref 2370/7948560).</p>					

Signed for and on behalf of manufacturer by:

Mr. Bhavik Varsani  
(Managing director)



Location: London, UK

Date: Wednesday, 07 August 2019

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

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