



**DECLARATION OF PERFORMANCE**  
**TG/CE-015LI-T000-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:**

15mm Clear Low Iron Toughened Glass

**Type / Batch / Serial Number:**

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

**Intended use:**

Glass in building — 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 12150-2:2004

### Declared Performance:

| Light:   |           |     | Energy:                         |                    |       |
|--|-----------|-----|---------------------------------|--------------------|-------|
| Transmittance  | LT        | 90% | Direct Transmittance            | ET                 | 87%   |
|  | UV %      | 75% | Reflectance                     | ER                 | 8%    |
| Reflectance Out  | LR Out    | 8%  | Absorptance                     | EA                 | 5%    |
| Reflectance In   | LR in     | 8%  | Total transmittance             | g                  | 88%   |
|  |           |     | Shading Coefficient Total       | 1.01               |       |
|  |           |     | Shading Coefficient Shortwave   | 1                  |       |
| Performance Code:  |           |     | Sound Reduction                 |                    |       |
| $U_g$ – value/Light/Energy   |           |     | $R_w$ (C;C <sub>tr</sub> ) dB   | 34(0;-2)           |       |
| Ra   |           |     | Thermal Transmittance           | W/m <sup>2</sup> K |       |
|  |           |     | 5.4                             |                    |       |
| Additional Values:   |           |     |                                 |                    |       |
| Bullet Resistance  | EN 1063   | NPD | Burglar Resistance              | EN 356             | NPD   |
| Explosion Resistance   | ISO 16933 | NPD | Pendulum Body Impact Resistance | EN 12600           | 1(C)1 |
| Load Resistance (mm)   |           |     | Resistance to Temperature       | 200                |       |
| 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:

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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