



**DECLARATION OF PERFORMANCE**  
**TG/CE-006LI-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:**

6mm 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

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

Web / Email Enquiries

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Accounts Department

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F +44 (0) 208 963 0666

Company Reg. No. 3193221  
VAT No. GB 672 9194 01

### Declared Performance:

| Light:   |               |     | Energy:                         |  |           |
|--|---------------|-----|---------------------------------|--|-----------|
| Transmittance  | LT            | 91% | Direct Transmittance            | ET                                     | 90%       |
|  | UV %          | 83% | Reflectance                     | ER                                     | 8%        |
| Reflectance Out  | LR Out        | 8%  | Absorptance                     | EA                                     | 2%        |
| Reflectance In   | LR in         | 8%  | Total transmittance             | g                                      | 90%       |
|  |               |     | Shading Coefficient Total       |  | 1.03      |
|  |               |     | Shading Coefficient Shortwave   |  | 1.03      |
| Performance Code:  |               |     | Sound Reduction                 | R <sub>w</sub> (C;C <sub>tr</sub> ) dB | 31(-2;-3) |
| U <sub>g</sub> – value/Light/Energy  | 5.7 / 91 / 90 |     | Thermal Transmittance           | W/m <sup>2</sup> K                     | 5.7       |
| Ra   | 100           |     |                                 |  |           |
| 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)2     |
| Load Resistance (mm)   |               | 6   | 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

|  |                        |                         |  |
|--|------------------------|-------------------------|--|
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