



## DECLARATION OF PERFORMANCE



|                                       |                                                                                            |
|---------------------------------------|--------------------------------------------------------------------------------------------|
| <b>Product Identification:</b>        | 12.8mm (66.2) Clear Annealed Acoustic Laminated Glass                                      |
| <b>Intended use:</b>                  | This Product is designated for use in professional building and construction applications. |
| <b>Manufacturer:</b>                  | Toughglaze (UK) Ltd<br>Unit 1, Badger Rise, Ridgmont, Brogborough, MK43 0YL                |
| <b>AVCP System:</b>                   | 3                                                                                          |
| <b>Applicable Standard:</b>           | BSEN 14449:2005                                                                            |
| <b>Approved/Notified Body Number:</b> | 0086                                                                                       |

| Safety Classification             | Essential Characteristics                                                          | Declared Performance |
|-----------------------------------|------------------------------------------------------------------------------------|----------------------|
| <b>Safety in the case of Fire</b> | Resistance to Fire (EN13501-2)                                                     | NPD                  |
|                                   | Reaction to Fire (EN 13501-1)                                                      | NPD                  |
|                                   | External Fire Performance (EN13501-5)                                              | NPD                  |
| <b>Safety in Use</b>              | Bullet Resistance (EN1063)                                                         | NPD                  |
|                                   | Explosion Resistance (EN13541)                                                     | NPD                  |
|                                   | Burglar Resistance (EN356)                                                         | P2A                  |
|                                   | Pendulum Body Impact Resistance (EN12600)                                          | 1B1                  |
|                                   | Resistance Against Sudden Temperature Changes and Temperature Differentials        | NPD                  |
|                                   | Resistance against Wind, Snow, Permanent and Imposed/or imposed loads on the glass | NPD                  |
| <b>Protection against noise</b>   | Direct Airborne Sound Insulation $R_w$ (C; $C_{tr}$ )                              | 39 (-0;-2)           |
| <b>Thermal Properties</b>         | Normal Emissivity $\epsilon_n$ coated side (EN12898)                               | NPD                  |
|                                   | U-Value (W/m <sup>2</sup> K)                                                       | 5.4                  |
| <b>Radiation Properties</b>       | Light Transmission                                                                 | 88%                  |
|                                   | Light Reflection                                                                   | 8%                   |
|                                   | Solar Energy Characteristics                                                       | NPD                  |
|                                   | Direct Solar transmission                                                          | 72%                  |
|                                   | Direct solar reflectance                                                           | 7%                   |
|                                   | Solar Factor (G-Value)                                                             | 77%                  |

The performance of the product mentioned above meets the specified performance standards. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011, which is applicable in the United Kingdom for Great Britain, and is solely the responsibility of the manufacturer identified above.

Signed on behalf of the manufacturer by:

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

**Mr. Bhavik Varsani**  
(Managing Director)

Tuesday, 08 July 2025