

**PRODUCT : 5mm Bronze Toughened**  
**Declaration of Performance Number: 110105**

Manufacturer: Independent Glass Co Ltd  
 540 – 550 Lawmoor Street  
 Dixon Blazes Industrial Estate  
 Glasgow G5 0UA  
 Tel : 0141 429 8700 Fax : 0141 429 8524

Harmonised Standard : EN 12150-2:2004. Intended use : Toughened soda lime silicate glass, intended to be used in buildings and construction works.

| Essential Characteristics                                                                                               | AVCP Systems | Performance            |
|-------------------------------------------------------------------------------------------------------------------------|--------------|------------------------|
| <b>Safety in the case of fire</b>                                                                                       |              |                        |
| Resistance to fire<br>(for glass for use in a glazed assembly intended specifically for fire resistance)                | 1            | NPD                    |
| Reaction to fire                                                                                                        | 3/4          | NPD                    |
| External fire performance (for roof coverings only)                                                                     | 3/4          | NPD                    |
| <b>Safety in use</b>                                                                                                    |              |                        |
| Bullet resistance: Shatter properties and resistance to attack                                                          | 1            | NPD                    |
| Explosion resistance: Impact behaviour and resistance to attack                                                         | 1            | NPD                    |
| Burglar resistance: Shatter properties and resistance to attack                                                         | 3            | NPD                    |
| Pendulum body impact resistance: Shatter properties (safe breakability) and resistance to impact                        | 3            | 1C1                    |
| Mechanical resistance: Resistance against sudden temperature changes and temperature differentials                      | 4            | 200K                   |
| Mechanical resistance: Resistance against Wind, snow, permanent and imposed load and/or imposed loads of the glass unit | 4            | 120MPa                 |
| <b>Protection against noise: Direct airborne sound insulation</b>                                                       | 3            | 30 (-1; -2) dB         |
| <b>Energy conservation and heat retention</b>                                                                           |              |                        |
| Thermal properties                                                                                                      | 3            | 5.7 W/m <sup>2</sup> K |
| <b>Radiation properties</b>                                                                                             |              |                        |
| Light transmission and reflectance                                                                                      | 3            | 0.55/0.06/0.06         |
| Solar energy characteristics                                                                                            | 3            | 0.53/0.06/0.06         |

**Notified Body: Wintech 1288**

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:



**John Devine , Managing Director ,Glasgow ,Scotland , UK 03/03/2025**