



ABC Glass Processing Limited

DECLARATION OF PERFORMANCE REFERENCE NUMBER: - 5540

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| Product Type: | 10mm Bronze Toughened |
| Product Code: | ABC Tough Bronze 10mm |
| Intended Use: | Thermally toughened soda lime silicate glass intended to be used in buildings and construction works |
| Manufacturer: | ABC Glass Processing Limited, 2 Dundas Close, Portsmouth, PO3 5RB |
| System of AVCP | System 3 |
| Harmonised Standard: | EN 12150-2:2004 |
| Approved body: | 8854 – ERC Testing |
| Person empowered to sign the DOP on behalf of the manufacturer & position held: | Alan Hellyer - Director |
| Essential Characteristics | DECLARED PERFORMANCE |
| Safety in the case of fire | |
| Resistance to Fire (for glass for use in a glazed assembly intended specifically for fire resistance) | NPD |
| Reaction to Fire | *A1 |
| External Fire Performance (for roof coverings only) | NPD |
| Safety in use | |
| Bullet Resistance: Shatter properties and resistance to attack | NPD |
| Explosive Resistance: impact behaviour and resistance to attack | NPD |
| Burglar Resistance: Shatter properties and resistance to attack | NPD |
| Pendulum Body Impact Resistance: Shatter properties (safe breakability) and resistance to impact | 1(C)2 |
| Mechanical resistance: Resistance Against Sudden Temperature Changes and Temperature Differentials | *200K |
| Mechanical resistance: Resistance against wind, snow, permanent and imposed load and/or imposed loads of the glass unit | *120MPa |
| Protection against noise: Direct airborne sound reduction | *33(-2;-3)dB |
| Energy conservation and heat retention: | |
| Thermal Properties | *5.6 W/m ² K |
| Radiation properties | |
| Light Transmittance and Reflectance | *0.33/0.05/0.05 |
| Solar energy characteristics | *0.31/0.05/0.05 |

NPD = No Performance Determined

*=Performance obtained through glass suppliers EC declaration of performance data.

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.

| Name and Function | Place and Date of Issue | Signature |
|--------------------------|-------------------------|-----------|
| Alan Hellyer Director | Portsmouth 27/1/2025 | |