



ABC Glass Processing Limited

DECLARATION OF PERFORMANCE REFERENCE NUMBER : -5504W

|                                                                                                                         |                                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Product Type:                                                                                                           | 4mm Clear Toughened Optiwhite                                                                        |
| Product Code:                                                                                                           | ABC Tough Clear 4mm Optiwhite                                                                        |
| 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                                                                                      |
| Certification body:                                                                                                     | 0086 - BSI, Milton Keynes                                                                            |
| Person empowered to sign the DOP on behalf of the manufacturer & position held:                                         | Alan Hellyer – Director                                                                              |
| <b>Essential Characteristics</b>                                                                                        | <b>DECLARED PERFORMANCE</b>                                                                          |
| 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                      | NPD                                                                                                  |
| Mechanical resistance: Resistance against wind, snow, permanent and imposed load and/or imposed loads of the glass unit | NPD                                                                                                  |
| Protection against noise: Direct airborne sound reduction                                                               | *30(-2;-4)dB                                                                                         |
| Energy conservation and heat retention:                                                                                 |                                                                                                      |
| Thermal Properties                                                                                                      | *5.8 W/m2K                                                                                           |
| Radiation properties                                                                                                    |                                                                                                      |
| Light Transmittance and Reflectance                                                                                     | *0.92/0.08/0.08                                                                                      |
| Solar energy characteristics                                                                                            | *0.91/0.08/0.08                                                                                      |

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<br>Director | Portsmouth<br>27/1/2025 |  |