



ABC Glass Processing Limited

DECLARATION OF PERFORMANCE REFERENCE NUMBER: - 5505

Product Type:	5mm Clear Toughened
Product Code:	ABC Tough Clear 5mm
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 the 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	*30(-1;-2)dB
Energy conservation and heat retention:	
Thermal Properties	*5.7 W/m ² K
Radiation properties	
Light Transmittance and Reflectance	*0.90/0.08/0.08
Solar energy characteristics	*0.85/0.08/0.08

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 Director	Portsmouth 27/1/2025	