

PRODUCT : 4mm Minster Toughened
Declaration of Performance Number: 211104

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
Safety in the case of fire		
Resistance to fire (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
Safety in use		
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	90MPa
Protection against noise: Direct airborne sound insulation	3	29 (-2; -3) dB
Energy conservation and heat retention		
Thermal properties	3	5.8 W/m ² K
Radiation properties		
Light transmission and reflectance	3	0.88/0.08/0.08
Solar energy characteristics	3	0.78/0.07/0.07

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