



DECLARATION OF CONFORMITY

BS EN 12150: GLASS IN BUILDING THERMALLY TOUGHENED SODA LIME SILICATE SAFETY GLASS

THIS DECLARATION CONFIRMS THE COMPANY BELOW HAVE CONFORMED WITH EN 12150-2 ANNEX ZA



TUFFX PROCESSED GLASS LTD

NEXUS HOUSE, RANDALS ROAD, KNOWSLEY BUSINESS PARK, KNOWSLEY, MERSEYSIDE. L34 9HX

(a) SUBMITTING GLASS FOR INITIAL TYPE TESTING TO EN 12150, EN12600 & EN1288 AND SUCCESSFULLY MEETING ALL REQUIREMENTS.

Initial Type Testing Information: BS EN 1288: 4 Point Bend

Notified Test Body	Test Report Number	Product Tested
BSI PRODUCT SERVICES / TUV RHEINLAND B.V	26217200829-10036R-10-29502	CLEAR, OBSCURED SOFT & HARD COAT GLASS

Initial Type Testing Information: BS EN 12150: Fragmentation

Notified Test Body	Test Report Number	Product Tested
BSI PRODUCT SERVICES / TUV RHEINLAND B.V	26217200829-10036R-10-29502	CLEAR, OBSCURED SOFT & HARD COAT GLASS

Initial Type Testing Information: BS EN 12600: Pendulum Impact Test

Notified Test Body	Test Report Number	Product Tested
BSI PRODUCT SERVICES / TUV RHEINLAND B.V	26217200861-10036R-10-29502	CLEAR, OBSCURED SOFT & HARD COAT GLASS

(b) INSTIGATING AND IMPLEMENTING A SYSTEM OF FACTORY PRODUCTION CONTROL COMPLYING WITH BS EN 12150-2:2004

(d) PRODUCING A TECHNICAL FILE CONTAINING THE TEST REPORT AND PERFORMANCE INDICATION PAPERS FOR ALL COMPONENTS

Signed:

Position: OPERATIONS DIRECTOR

Date: 23.06.2022



TOUGHENED SAFETY GLASS PERFORMANCE CHARACTERISTICS

BS EN 12150 THERMALLY TOUGHENED SODA LIME SILICATE SAFETY GLASS

INTENDED TO BE USED IN BUILDING AND CONSTRUCTION WORKS



TUFFX PROCESSED GLASS LTD

NEXUS HOUSE, RANDALS ROAD, KNOWSLEY BUSINESS PARK, KNOWSLEY, MERSEYSIDE. L34 9HX

Characteristics	4mm	6mm	8mm	10mm	12mm	15mm	19mm
Resistance to Fire	NPD						
Reaction to Fire	A1						
External Fire Performance	NPD						
Bullet Resistance	NPD						
Explosion Resistance	NPD						
Burglar Resistance	NPD						
Pendulum Body Impact Resist	1(e)3	1(e)2	1(e)1	1(e)1	1(e)1	1(e)1	1(e)1
Resistance Against Sudden Temperature Changes	200k	200k	200k	200k	200k	200k	200k
Wind, snow permanent and imposed load resistance	4mm	6mm	8mm	10mm	12mm	15mm	19mm
Direct airborne sound insulation	29 (-2, -3) dB	31 (-2, -3) dB	32 (-2, -3) dB	34 (2, -3) dB	34 (0, -2) dB	34 (0, -2) dB	34 (0, -2) dB
Thermal Properties	5.6W/(m ² K)	5.7W/(m ² K)	5.7W/(m ² K)	5.6W/(m ² K)	5.6W/(m ² K)	5.3W/(m ² K)	5.3W/(m ² K)
Radiation Properties, Light Transmittance & Reflection	0.90/0.08/0.08	0.88/0.08/0.08	0.88/0.08/0.08	0.87/0.08/0.08	0.87/0.08/0.08	0.83/0.08/0.08	0.81/0.08/0.08
Radiation Properties, Solar Energy Characteristics	0.85/0.08/0.08	0.79/0.07/0.07	0.76/0.07/0.07	0.72/0.07/0.07	0.68/0.07/0.08	0.62/0.06/0.06	0.63/0.06/0.06

Signed:

Position: OPERATIONS DIRECTOR

Date: 23.06.2022