



DECLARATION OF PERFORMANCE
TG/CE-135CL-T0LP-B
CONSTRUCTION PRODUCT REGULATION 2011

We hereby certify that the glass as stipulated below complies with the relevant provisions of the E.C. construction product regulation & the requirement of:

Product Identification:

15 mm Clear Toughened Laminated Glass

Type / Batch / Serial Number:

Each glass has its own identification label attached including bar code for traceability.

Intended use:

Glass in building — Laminated glass and laminated safety glass.

Manufacturer:

Toughglaze (UK) Ltd
Unit 1, Badger Rise, Ridgmont, Brogborough, MK43 0YL

System Assessment:

System 2+

Harmonised Standard No:

EN 14449:200

ToughGlaze (UK) Ltd Unit 1, Badgers Rise, Ridgmont, Brogborough, Bedford, MK43 0YL

Web / Email Enquiries

General Enquiries

Quotations / Processing

Accounts Department

W www.toughglaze.com

T +44 (0) 208 838 4400

T +44 (0) 208 838 4400

T +44 (0) 208 955 6115/6110

Company Reg. No. 3193221

E info@toughglaze.com

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F +44 (0) 208 963 0666

VAT No. GB 672 9194 01

Declared Performance:

Light:			Energy:		
Transmittance	LT	87%	Direct Transmittance	ET	67%
	UV %	0%	Reflectance	ER	7%
Reflectance Out	LR Out	8%	Absorptance	EA	26%
Reflectance In	LR in	8%	Total transmittance	g	73%
			Shading Coefficient Total		0.84
			Shading Coefficient Shortwave		0.77
Performance Code:			Sound Reduction	R _w (C;C _{tr}) dB	NPD
U _g – value/Light/Energy	5.1 /87 /73		Thermal Transmittance	W/m ² K	5.1
Ra	97				
Additional Values:					
Bullet Resistance	EN 1063	NPD	Burglar Resistance	EN 356	P6B
Explosion Resistance	ISO 16933	NPD	Pendulum Body Impact Resistance	EN 12600	1 (B) 1
Load Resistance (mm)		45/45	Resistance to Temperature		40
Reaction to Fire	EN 13501	NPD	Differentials (K)		
Resistance to Fire	EN 1364	NPD	External Fire Performance		NPD
<p>* The values of some of the characteristics are stated as NPD which is for “No Performance Determined”.</p> <p>* Calculations are made according to EN 410 and 673/12898.</p> <p>* All data and values are subject to tolerances and ToughGlaze (UK) Ltd Terms & Conditions.</p> <p>* Notified Body: BSI (No 0086).</p> <p>* BSI report (Ref 2370/7948560).</p>					

Signed for and on behalf of manufacturer by:

Mr. Bhavik Varsani
(Managing director)



Location: London, UK

Date: Wednesday, 07 August 2019

ToughGlaze (UK) Ltd Unit 1, Badgers Rise, Ridgmont, Brogborough, Bedford, MK43 0YL

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