



DECLARATION OF PERFORMANCE
TG/CE-1028CL-THLS-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:

8.8mm 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 — Clear Toughened and laminated safety glass.

Manufacturer:

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

System Assessment:

System 2+

Harmonised Standard No:

EN 14449:2005

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
E info@toughglaze.com	F +44 (0) 208 838 3311	F +44 (0) 208 838 3311	F +44 (0) 208 963 0666

Company Reg. No. 3193221
VAT No. GB 672 9194 01

Declared Performance:

Light:			Energy:		
Transmittance	LT	89%	Direct Transmittance	ET	76%
	UV %	1%	Reflectance	ER	7%
Reflectance Out	LR Out	8%	Absorptance	EA	17%
Reflectance In	LR in	8%	Total transmittance	g	80%
Performance Code:			Shading Coefficient Total	0.92	
U _g – value/Light/Energy	5.5/89/80		Shading Coefficient Shortwave	0.87	
Ra	98		Sound Reduction	R _w (C;C _{tr}) dB	33 (-1;3)
			Thermal Transmittance	W/m ² K	5.5
Additional Values:					
Bullet Resistance	EN 1063	NPD	Burglar Resistance	EN 356	NPD
Explosion Resistance	ISO 16933	NPD	Pendulum Body Impact Resistance	EN 12600	NPD
Load Resistance (mm)	NPD		Resistance to Temperature	NPD	
Reaction to Fire	EN 13501	NPD	Differentials (K)	NPD	
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, EN 673, EN ISO 52022-3, EN 12898:2019.</p> <p>* All data and values are subject to tolerances and ToughGlaze (UK) Ltd Terms & Conditions.</p>					

Signed for and on behalf of manufacturer by:

Mr. Bhavik Varsani
(Managing director)



Location: London, UK

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Date: Wednesday, 07 August 2019

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