



DECLARATION OF PERFORMANCE
TG/CE-115AC-A0LP-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:

11.5mm Active Clear Opti Laminated Annealed Glass

Type / Batch / Serial Number:

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

Intended use:

Glass in building — Thermally toughened soda lime silicate safety and self-cleaning glass.

Manufacturer:

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

System Assessment:

System 2+

Harmonised Standard No:

EN 1036-2:2008

Declared Performance:

Light:			Energy:		
Transmittance	LT	81%	Direct Transmittance	ET	65%
	UV %	0%	Reflectance	ER	12%
Reflectance Out	LR Out	14%	Absorptance	EA	23%
Reflectance In	LR in	13%	Total transmittance	g	70%
			Shading Coefficient Total		0.8
			Shading Coefficient Shortwave		0.74
Performance Code:			Sound Reduction	R _w (C;C _{tr}) dB	34 (-1; -3)
U _g – value/Light/Energy		5.3/81/70	Thermal Transmittance	W/m ² K	5.3
Ra		98			
Additional Values:					
Bullet Resistance	EN 1063	NPD	Burglar Resistance	EN 356	P4A
Explosion Resistance	ISO 16933	NPD	Pendulum Body Impact Resistance	EN 12600	1(B)1
Load Resistance (mm)		11.5	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 OYL

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