



DECLARATION OF PERFORMANCE



Product Identification:	TG 17.5 DTLG (17.5mm Diffused Toughened Laminated Glass (88.4D))	
Intended use:	This Product is designated for use in professional building and construction applications.	
Manufacturer:	Toughglaze (UK) Ltd Unit 1, Badger Rise, Ridgmont, Brogborough, MK43 0YL	
AVCP System:	3	
Applicable Standard:	BS EN 14449:2005	
Approved/Notified Body Number:	0086	

Safety Classification	Essential Characteristics	Declared Performance
Safety in the case of Fire	Resistance to Fire (EN13501-2)	NPD
	Reaction to Fire (EN 13501-1)	NPD
	External Fire Performance (EN13501-5)	NPD
Safety in Use	Bullet Resistance (EN1063)	NPD
	Explosion Resistance (EN13541)	NPD
	Burglar Resistance (EN356)	NPD
	Pendulum Body Impact Resistance (EN12600)	1B1
	Resistance Against Sudden Temperature Changes and Temperature Differentials	200K
	Resistance against Wind, Snow, Permanent and Imposed/or imposed loads on the glass	120MPa
Protection against noise	Direct Airborne Sound Insulation R_w (C ; C_{tr}) dB	NPD
Thermal Properties	Normal Emissivity ϵ_n coated side (EN12898)	NPD
	Thermal Transmittance (EN673) U_g -value (W/m ² K)	5.2
Radiation Properties/Solar Characteristics	Light Transmission (EN410)	66%
	Light Reflection (EN410)	6%/6%
	Direct Solar transmission (EN410)	52%
	Direct solar reflectance (EN410)	7%/7%
	Solar Factor (EN410) - g-value	62%

The performance of the product mentioned above meets the specified performance standards. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011, which is applicable in the United Kingdom for Great Britain, and is solely the responsibility of the manufacturer identified above.

Signed on behalf of the manufacturer by:

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

Mr. Bhavik Varsani
(Managing Director)
Wednesday, 22 April 2026