



DECLARATION OF PERFORMANCE



Product Identification:	TG BR4 NS (21.49mm)
Intended use:	Safety glazing for use in buildings requiring resistance to ballistic attack.
Manufacturer:	Toughglaze (UK) Ltd Unit 1, Badger Rise, Ridgmont, Brogborough, MK43 0YL
AVCP System:	1
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)	BR4 NS
	Explosion Resistance (EN13541)	NPD
	Burglar Resistance (EN356)	NPD
	Pendulum Body Impact Resistance (EN12600)	1(B)1
	Resistance Against Sudden Temperature Changes and Temperature Differentials	40
	Resistance against Wind, Snow, Permanent and Imposed/or imposed loads on the glass	NPD
Protection against noise	Direct Airborne Sound Insulation R_w (C; C_{tr})	NPD
Thermal Properties	Normal Emissivity ϵ_n coated side (EN12898)	NPD
	U-Value (W/m ² K)	NPD
Radiation Properties	Light Transmission	NPD
	Light Reflection	NPD
	Solar Energy Characteristics	NPD
	Direct Solar transmission	NPD
	Direct solar reflectance	NPD
	Solar Factor (G-Value)	NPD

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)

Tuesday, 05 May 2026