



## DECLARATION OF PERFORMANCE



<b>Product Identification:</b>	TG BR4 NS (21.49mm)
<b>Intended use:</b>	This Product is designated for use in professional building and construction applications.
<b>Manufacturer:</b>	Toughglaze (UK) Ltd Unit 1, Badger Rise, Ridgmont, Brogborough, MK43 0YL
<b>AVCP System:</b>	1
<b>Applicable Standard:</b>	BS EN 14449:2005
<b>Approved/Notified Body Number:</b>	0086

Safety Classification	Essential Characteristics	Declared Performance
<b>Safety in the case of Fire</b>	Resistance to Fire (EN13501-2)	NPD
	Reaction to Fire (EN 13501-1)	NPD
	External Fire Performance (EN13501-5)	NPD
<b>Safety in Use</b>	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
<b>Protection against noise</b>	Direct Airborne Sound Insulation $R_w$ (C; $C_{tr}$ )	NPD
<b>Thermal Properties</b>	Normal Emissivity $\epsilon_n$ coated side (EN12898)	NPD
	U-Value (W/m <sup>2</sup> K)	NPD
<b>Radiation Properties</b>	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)

Thursday, 09 April 2026