



## DECLARATION OF PERFORMANCE



<b>Product Identification:</b>	TGFR-E30
<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>	BSEN 12150-2
<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)	E30
	Reaction to Fire (EN 13501-1)	A1
	External Fire Performance (EN13501-5)	NPD
<b>Safety in Use</b>	Bullet Resistance (EN1063)	NPD
	Explosion Resistance (EN13541)	NPD
	Burglar Resistance (EN356)	NPD
	Pendulum Body Impact Resistance (EN12600)	1(C)1
	Resistance Against Sudden Temperature Changes and Temperature Differentials (K)	NPD
	Resistance against Wind, Snow, Permanent and Imposed/or imposed loads on the glass (mm)	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

\* AVCP 1 certification is pending review and will be updated shortly.

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)

Monday, 30 September 2024