



## DECLARATION OF PERFORMANCE



<b>Product Identification:</b>	TG 6.4mm PLK 3mm Optifloat Clear - SFX 0.38mm Saflex Clear - PLK 3mm Optifloat Clear
<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>	3
<b>Applicable Standard:</b>	BSEN 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)	NPD
	Explosion Resistance (EN13541)	NPD
	Burglar Resistance (EN356)	NPD
	Pendulum Body Impact Resistance (EN12600)	2B2
	Resistance Against Sudden Temperature Changes and Temperature Differentials	NPD
	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; $C_{tr}$ )	32(-1;-3)
<b>Thermal Properties</b>	Normal Emissivity $\epsilon_n$ coated side (EN12898)	NPD
	U-Value (W/m <sup>2</sup> K)	5.6
<b>Radiation Properties</b>	Light Transmission	90%
	Light Reflection	8% / 8%
	Direct Solar transmission	79%
	Direct solar reflectance	7% / 7%
	Solar Factor (G-Value)	82

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)

Friday, 23rd May 2025