



DECLARATION OF PERFORMANCE



Product Identification:	TG 4mm PLK 4mm Optifloat Clear
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:	EN1279-5:2018
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)	NPD
	Resistance Against Sudden Temperature Changes and Temperature Differentials	NPD
	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})	30(-2; -4)
Thermal Properties	Normal Emissivity ϵ_n coated side (EN12898)	NPD
	U-Value (W/m ² K)	5.8
Radiation Properties	Light Transmission	91%
	Light Reflection	8% / 8%
	Direct Solar transmission	86%
	Direct solar reflectance	8%
	Solar Factor (G-Value)	88

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, 3rd July 2025