

## DECLARATION OF PERFORMANCE

The Company have summited plain insulating glass units for testing to BS EN 1279 parts 2 & 3 and successfully meet all requirements

This Declaration Confirms The Company Below Have Confirmed With EN 1279- 5 ANNEX ZA

BS EN 1279:2 Initial Type Test	2-Part Polyurethane Sealant & Conventional Spacer Bar
Test Laboratory	TÜV Rheinland Nederland B.V
Test Report Number	TBC

BS EN 1279:3 Initial Type Test	2-Part Polyurethane Sealant & Conventional Spacer Bar
Test Laboratory	TÜV Rheinland Nederland B.V
Test Report Number	TBC

INSTIGATED AND IMPLEMENTED A SYSTEM OF FACTORY PRODUCTION CONTROL COMPLYING WITH BS EN 1279 PART 6	
HAVING INSULATED SEALED GLASS UNITS TESTED ANNUALLY TO THE REQUIREMENTS EN 1279 PART 6 BY CENSOLUTIONS LTD	
PRODUCED A TECHNICAL FILE CONTAINING THE TEST REPORT AND PERFORMANCE INDICATION PAPERS FOR ALL COMPONENTS	

<b>Product Identification:</b>	Insulated Sealed Glass Units 4mm Clear - 6mm Spacer Air - 4mm Clear (Worst Case Scenario IGU)
<b>Intended use:</b>	BS EN 1279:2018 Part 5: Insulated glass units, intended to be used in buildings and construction work.
<b>Manufacturer:</b>	Toughglaze (UK) Ltd Unit 1, Badger Rise, Ridgmont, Brogborough, MK43 0YL
<b>AVCP System:</b>	3
<b>Applicable Standard:</b>	BSEN 1279:2018: GLASS IN BUILDING INSULATED SEALED GLASS UNITS

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)	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)	NPD
	Resistance Against Sudden Temperature Changes and Temperature Differentials	> 40+40K
	Resistance against Wind, Snow, Permanent and Imposed/or imposed loads on the glass	> 4+4mm
<b>Protection against noise</b>	Direct Airborne Sound Insulation $R_w$ (C; $C_{tr}$ )	< 31 (-2;-5) dB
<b>Thermal Properties</b>	Normal Emissivity $\epsilon_n$ coated side (EN12898)	< 3.3W/ (m <sup>2</sup> K)
<b>Radiation Properties</b>	Light Transmission	> 0.82/0.15
	Light Reflection	> 0.82/0.15
	Solar Energy Characteristics	> 0.73/0.13
	Radiation	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)

Monday, 30 September 2024