DECLARATION OF CONFORMITY

BS EN 1279:2018: GLASS IN BUILDING INSULATED SEALED GLASS UNITS

THIS DECLARATIONS CONFIRMS THE COMPANY BELOW HAVE CONFORMED WITH EN 1279-5 ANNEX ZA

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ECO GLASS LTD

WESTON HOUSE ,WESTON ROAD , NORWICH, NR3 3WG

THE COMPANY HAVE SUBMITTED PLAIN INSULATING GLASS UNITS FOR TESTING TO BS EN 1279 PARTS 2 & 3 AND SUCCESSFULLY MEET ALL REQUIREMENTS

BS EN 1279:2 Initial Type Test	*System Description Ref KM 54830 - Two Part Sealant / Hollow Spacer*
Test Laboratory	*BSI*
Test Report Number	*262/4565323*

BS EN 1279:2 Initial Type Test	*System Description Ref: KM 54830 - Hot Melt Sealant / Hollow Spacer*
Test Laboratory	*BSI*
Test Report Number	*262/4195874*

BS EN 1279:3 Initial Type Test	*System Description Ref KM 54830 - Two Part Sealant / Hollow Spacer*
Test Laboratory	*TNO Quality Services Ltd*
Test Report Number	*TQS-RAP-07-1054*

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

Signed:

Position: Director

Date:7th of June 2021

INSULATED SEALED GLASS UNITS PERFORMANCE CHARACTERISTICS

BS EN 1279:2018 PART 5: INSULATED GLASS UNITS. INTENDED TO BE USED IN BUILDINGS

System: 4mm Clear - 6mm Spacer Air - 4mm Clear (Worst Case Scenario IGU)

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Resistance to Fire	NPD
Reaction to Fire	A1
External Fire Performance	NPD
Bullet Resistance	
Explosion Resistance	NPD
Burglar Resistance	NPD
Pendulum Body Impact Resistance	NPD
Resistance Against Sudden Temperature Changes and Temperature Differentials	≥ 40+40K
Wind, Snow Permanent and Imposed Load Resistance	≥ 4+4 mm
Direct Airborne Sound Insulation	≤ 31 (-2; -5) dB
Thermal Properties	≤ 3.3W/(m^2K)
Radiation Properties:	NPD
Light Transmission and Reflection	≥ 0.82/0.15
Solar Energy Characteristics	≥0.73/0.13

Signed:

Position: Director

Date: 7th of June 2021

TOUGHEND SEALED UNITS
PERFORMANCE CHARACTERISTICS

BS EN 1279:2018 PART 5: INSULATED GLASS UNITS, INTENDED TO BE USED IN BUILDINGS

System: 4mm Clear Toughened - 6mm Spacer Air - 4mm Clear Toughened
(Worst Case Scenario Toughened IGU)

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WESTON HOUSE ,WESTON ROAD , NORWICH, NR3 3WG

Resistance to fire	NPD
Reaction to fire	A1
External fire performance	NPD
Bullet resistance	NPD
Explosion resistance	NPD
Burglar resistance	NPD
Pendulum body impact resistance	≥1©1
Resistance against sudden temperature changes and temperature differentials	≥ 200+200
Wind, snow permanent and imposed load resistance	≥ 4+4 mm
Direct airborne sound insulation	≤ 31 (-2; -5) dB
Thermal properties	≤ 3.3W/(m^2K)
Radiation properties: light transmission and reflection	≥0.82/0.15
solar energy characteristics	≥0.73/0.13

Signed:

Position: Director

Date: 7th of June 2021

TOUGHEND SEALED UNITS PERFORMANCE CHARACTERISTICS

BS EN 1279:2018 PART 5: INSULATED GLASS UNITS, INTENDED TO BE USED IN BUILDINGS

System: 6.8 mm Laminated Security Glass (EN 14449 / EN 356) - 20 mm Spacer + Argon (90%) - 4mm Clear Toughened (EN12150)

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Resistance to fire	NPD
Reaction to fire	A1
External fire performance	NPD
Bullet resistance	NPD
Explosion resistance	NPD
Burglar resistance	
Pendulum body impact resistance	≥1©1
Resistance against sudden temperature changes and temperature differentials	≥ 200+200
Wind, snow permanent and imposed load resistance	≥ 4+4 mm
Direct airborne sound insulation	NPD
Thermal properties	1.2W/(m2K)
Radiation properties: light transmission and reflection	NDP
solar energy characteristics	NDP

Signed:

Position:Director

Date:7th of June 2021