



# DECLARATION OF CONFORMITY

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

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

# ClaytonGlass

**CLAYTON GLASS LTD**

**HARELAW INDUSTRIAL ESTATE, NORTH ROAD, STANLEY, DURHAM. DH9 8UX**

**UKCA MARK DECLARATION YEAR 2022**

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 & 3 Initial Type Test: Polyurethane Sealant & Conventional Spacer Bar  
BS EN 1279-2 & 3 Initial Type Test: Hotmelt Sealant & Conventional Spacer Bar  
BS EN 1279-2 & 3 Initial Type Test: Hotmelt Sealant & SuperSpacer Spacer Bar  
Tested At: The British Standards Institute  
Original System Description Dated 21/01/2003  
Original BSI Kitemark Number: KM 09455

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: 10/1/22.....



# INSULATED SEALED GLASS UNITS PERFORMANCE CHARACTERISTICS

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

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

# ClaytonGlass

**CLAYTON GLASS LTD**

**HARELAW INDUSTRIAL ESTATE, NORTH ROAD, STANLEY, DURHAM. DH9 8UX**

**UKCA MARK DECLARATION YEAR 2022**

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 <sup>2</sup> K)
Radiation Properties:	NPD
Light Transmission and Reflection	≥ 0.82/0.15
Solar Energy Characteristics	≥ 0.73/0.13

Signed:.....

Position:..... **DIRECTOR**

Date: **10/1/22**



# TOUGHENED SEALED UNITS PERFORMANCE CHARACTERISTICS

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

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

# ClaytonGlass

## CLAYTON GLASS LTD

HARELAW INDUSTRIAL ESTATE, NORTH ROAD, STANLEY, DURHAM. DH9 8UX

UKCA MARK DECLARATION YEAR 2022

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(c)3
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 <sup>2</sup> K)
Radiation properties: light transmission and reflection	≥0.82/0.15
Solar energy characteristics	≥0.73/0.13

Signed:.....

Position:..... DIRECTOR

Date:..... 10/1/22