



# 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 2025**

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	NPD
Resistance Against Sudden Temperature Changes and Temperature Differentials (See EN 572-2)	$\geq 40+40K$
Wind, Snow Permanent and Imposed Load Resistance	$\geq 4+4$ mm
Direct Airborne Sound Insulation	$\leq 31$ (-2; -5) dB
Thermal Properties	$\leq 3.3W/(m^2K)$
Radiation Properties:	NPD
Light Transmission and Reflection	$\geq 0.82/0.15$
Solar Energy Characteristics	$\geq 0.73/0.13$

Signed: .....Dan Cox

Date: 7th Jan 2025

Position: Technical Manager