



# 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)**

**regency | glass |**  
the difference is clear

**Regency Glass Ltd**

**Bridgewater Business Park, West Bridgewater Street, Leigh WN7 4HB**

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: *W.Fitzmartin*

Position: Director

Date: 04.10.2022