



TOUGHEND 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)



Regency Glass Ltd

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

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|--|---------------------------|
| 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 ² K) |
| Radiation properties: light transmission and reflection | ≥0.82/0.15 |
| solar energy characteristics | ≥0.73/0.13 |

Signed: *W.Fitzmartin*

Position: Director

Date: 04.10.2022