



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 2024

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	$\geq 1(c)3$
Resistance against sudden temperature changes and temperature differentials	$\geq 200+200$
Wind, snow permanent and imposed load resistance	$\geq 4+4$ mm
Direct airborne sound insulation	≤ 31 (-2; -5) dB
Thermal properties	$\leq 3.3W/(m^2K)$
Radiation properties: light transmission and reflection	$\geq 0.82/0.15$
Solar energy characteristics	$\geq 0.73/0.13$

Signed: 

Date: 8th Jan 2024

Position: Technical Manager