



AWS LTD

UNIT 14 MANFORD INDUSTRIAL ESTATE

MANOR ROAD

ERITH

DA8 2AJ

13

EN 1279-5

Insulated glass units, intended to be used in buildings and construction works

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

Characteristics

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	$\geq 40+40K$
Wind, snow permanent and imposed load resistance	$\geq 4+4$ mm
Direct airborne sound insulation	≤ 31 (-2; -5) dB
Thermal properties	$\leq 3.3W/(m^2K)$
<u>Radiation properties:</u>	
light transmission and reflection	$\geq 0.82/0.15$
solar energy characteristics	$\geq 0.73/0.13$

Signed: *M. Redman*

Position: *Director*

Date: *12-12-13*