



SAFEGUARD GLAZING SUPPLIES LTD

UNIT 3 BOTOLPH BRIDGE TRADING ESTATE

OUNLE ROAD

PETERBOROUGH

CAMBRIDGESHIRE

PE2 9QP

13

EN 12150-2

THERMALLY TOUGHENED SODA LIME SILICATE SAFETY GLASS

INTENDED TO BE USED IN BUILDING AND CONSTRUCTION WORKS

CLEAR GLASS 4mm to 15mm

Characteristics	4mm	6mm	8mm	10mm	12mm	15mm	
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)1	1(c)1	1(c)1	1(c)1	1(c)1	1(c)1	
Resistance against sudden temperature changes and temperature differentials	200k	200k	200k	200k	200k	200k	
Wind, snow permanent and imposed load resistance	4mm	6mm	8mm	10mm	12mm	15mm	
Direct airborne sound insulation	29 (-2; -3) dB	31 (-2; -3) dB	32(-2; -3) dB	33(-2; -3) dB	34 (0; -2) dB	34(0; -2) dB	
Thermal properties	5.8W/(m ² K)	5.7W/(m ² K)	5.7W/(m ² K)	5.6W/(m ² K)	5.5W/(m ² K)	5.8W/(m ² K)	
Radiation properties:							
light transmission and reflection	0.90/0.08/0.08	0.88/0.08/0.08	0.88/0.08/0.08	0.87/0.08/0.08	0.85/0.08/0.08	0.83/0.08/0.08	
solar energy characteristics	0.85/0.08/0.08	0.79/0.07/0.07	0.76/0.07/0.07	0.72/0.07/0.07	0.68/0.07/0.08	0.63/0.06/0.06	

Signed:.....

Date:27th June 2013

Position:..... Operations Director