



MTF (UK) LTD
 UNION ROAD
 BOLTON
 LANCs
 BL2 2HF

EN 12150-2

THERMALLY TOUGHENED SODA LIME SILICATE SAFETY GLASS
 INTENDED TO BE USED IN BUILDING AND CONSTRUCTION WORKS

CLEAR GLASS 4mm to 19mm

Characteristics	4mm	6mm	8mm	10mm	12mm	15mm	19mm
	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(G)3	1(G)3	1(G)1	1(G)1	1(G)1	1(G)1	1(G)1
Resistance against sudden temperature changes and temperature differentials	200k	200k	200k	200k	200k	200k	200k
Wind, snow permanent and imposed load resistance	4mm	6mm	8mm	10mm	12mm	15mm	19mm
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	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)	5.3W/(m ² K)
Radiation properties:							
light transmission and reflection	0.90/0.08/0.08	0.88/0.07/0.07	0.88/0.08/0.08	0.87/0.08/0.08	0.85/0.08/0.08	0.83/0.08/0.08	0.81/0.07/0.07
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	0.57/0.06/0.06

Signed:

Position: Director

Date:

18/3/19