



Glasscraft Decorative Limited
Unit 1A Navigation Park
Lockside Road
Leeds
LS10 1EP

21

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			
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	1(c)1	1(c)1	1(c)1			
Resistance against sudden temperature changes and temperature differentials	200k	200k	200k	200k			
Wind, snow permanent and imposed load resistance	4mm	6mm	8mm	10mm			
Direct airborne sound insulation	29 (-2; -3) dB	31 (-2; -3) dB	32 (-2; -3) dB	33 (-2; -3) dB			
Thermal properties	5.8W/(m ² K)	5.7W/(m ² K)	5.7W/(m ² K)	5.6W/(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			
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			

Signed:

Date: November 2015

Position: Managing Director



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

4mm and 6mm Soft Coat (KS)

Characteristics

	4mm	6mm
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	1(c)2
Resistance against sudden temperature changes and temperature differentials	200k	200k
Wind, snow permanent and imposed load resistance	4mm	6mm
Direct airborne sound insulation	29 (-2; -3) dB	32(-2; -3) dB
Thermal properties	3.3W/(m ² K)	3.2W/(m ² K)
Radiation properties:		
light transmission and reflection	0.88/0.06/0.05	0.86/0.06/0.04
solar energy characteristics	0.69/0.15/0.17	0.65/0.13/0.16

Signed:.....

Date: 14th September 2021.

Position: Managing Director



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

4mm and 6mm Hard Coat (K)

Characteristics

	4mm	6mm
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	1(c)2
Resistance against sudden temperature changes and temperature differentials	200k	200k
Wind, snow permanent and imposed load resistance	4mm	6mm
Direct airborne sound insulation	29 (-2; -3) dB	31 (-2; -3) dB
Thermal properties	3.7W/(m ² K)	3.7W/(m ² K)
Radiation properties:		
light transmission and reflection	0.82/0.11/0.12	0.81/0.11/0.11
solar energy characteristics	0.71/0.10/0.11	0.68/0.09/0.11

Signed:

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Position: Managing Director



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

4mm and 6mm Obscure (Flemish)

Characteristics

	4mm	6mm
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	1(c)2
Resistance against sudden temperature changes and temperature differentials	200k	200k
Wind, snow permanent and imposed load resistance	4mm	6mm
Direct airborne sound insulation	29 (-2; -3) dB	31 (-2; -3) dB
Thermal properties	5.8W/(m ² K)	5.7W/(m ² K)
Radiation properties:		
light transmission and reflection	0.82/0.8/0.8	0.86/0.08/0.08
solar energy characteristics	0.78/0.07/0.07	0.73/0.07/0.07

Signed:.....

Date: 14th September 2021.

Position:.....