DECLARATION OF PERFORMANCE

SYSTEM OF ASSESSMENT AND VERIFICATION OF CONSTANCY OF PERFORMANCE: SYSTEM 3.

NB 0086

UK CA

HOLLOSEAL LTD
CHETTISHAM BUSINESS PARK
ELY
CAMBRIDGESHIRE
CB6 1RY
DOP No: 4

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(C)2	1(C)2	1(C)2	1(C)2	1(C)2	1(C)2	1(C)2
Resistance against sudden temperature changes and temperature differentials	200k	200k	200k	200k	200k	200k	200k
Wind, snow permanent and imposed load resistance	NPD	NPD	NPD	NPD	NPD	NPD	NPD
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^2K)	5.7W/(m2K)	5.7W/(m^2K)	5.6W/(m^2K)	5.5W/(m^2K)	5.8W/(m^2K)	5.3W/(m^2K)
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	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

THE PERFORMANCE OF THE PRODUCT IDENTIFIED ABOVE IS IN CONFORMITY WITH THE SET OF DECLARED PERFORMANCE/S. THIS DECLARATION OF OF PERFORMANCE IS ISSUED, IN ACCORDANCE WITH REGULATION (EU) No 305/2011, AS IT HAS EFFECT IN THE UNITED KINGDOM IN RESPECTS OF GREAT BRITAIN, UNDER THE SOLE RESPONSIBILITY OF THE MANUFACTURER IDENTIFIED ABOVE.

Signed:.....

02/06/2025

Date:.....

Position: Director.....

Location : Ely

DECLARATION OF PERFORMANCE

SYSTEM OF ASSESSMENT AND VERIFICATION OF CONSTANCY OF PERFORMANCE: SYSTEM 3.

NB 0086

HOLLOSEAL LTD

CHETTISHAM BUSINESS PARK

ELY

CAMBRIDGESHIRE

CB6 1RY

DOP No: 5

EN 12150-2

THERMALLY TOUGHENED SODA LIME SILICATE SAFETY GLASS

INTENDED TO BE USED IN BUILDING AND CONSTRUCTION WORKS

4mm and 6mm Soft Coat Glass (SLE)

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)2+	1(C)2+
Resistance against sudden temperature changes and temperature differentials	200k	200k
Wind, snow permanent and imposed load resistance	NPD	NPD
Direct airborne sound insulation	29 (-2; -3) dB	NPD
Thermal properties	3.3W/(m^2K)	NPD
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

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Signed:..... **Date:** 02/06/2025

Position: Director

Location : Ely

DECLARATION OF PERFORMANCE

SYSTEM OF ASSESSMENT AND VERIFICATION OF CONSTANCY OF PERFORMANCE: SYSTEM 3.

NB 0086

UK CA

HOLLOSEAL LTD
CHETTISHAM BUSINESS PARK
ELY
CAMBRIDGESHIRE
CB6 1RY
DOP No: 6

EN 12150-2

THERMALLY TOUGHENED SODA LIME SILICATE SAFETY GLASS

INTENDED TO BE USED IN BUILDING AND CONSTRUCTION WORKS

4mm and 6mm Hard Coat Glass (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)1	1(C)1
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^2K)	3.7W/(m2K)
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

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Signed:..... **Date:**02/06/2025.....

Position: Director.....

Location : Ely