



EN 12150-2:2004

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

DECLARATION OF PERFORMANCE

THIS IS TO CERTIFY THAT

ECOGLOSS

of

WESTON ROAD
NORWICH
NR3 3WG

HAVE CONFORMED WITH EN 12150-2 ANNEX ZA


by

SUBMITTING GLASS' FOR INITIAL TYPE TESTING TO EN 12150-1, EN 1288-3 AND EN 12600

TESTING TO:	NOTIFIED TEST HOUSE	PRODUCTS	TEST REPORT No's
EN 12150-1	WINTech ENGINEERING LTD	CLEAR, OBSCURE, ENAMELLED AND SOFT & HARD COAT GLASS'	R12788(1-2-3-4-5-6)
EN 1288-3	WINTech ENGINEERING LTD	CLEAR AND SOFT & HARD COAT GLASS'	In test - Results awaited
EN 12600	WINTech ENGINEERING LTD	CLEAR, OBSCURE, ENAMELLED AND SOFT & HARD COAT GLASS'	R12787 (1-2-3)

INSTIGATING AND IMPLEMENTING A SYSTEM OF FACTORY PRODUCTION CONTROL COMPLYING WITH BS EN 12150-2:2004

PRODUCING A TECHNICAL FILE CONTAINING THE TEST REPORTS AND PERFORMANCE INDICATION PAPERS FOR ALL COMPONENTS

Signed: 

Date: 7.2.13

Position: Director




ECOGLOSS
 WESTON ROAD
 NORWICH
 NORFOLK
 NR3 3WG
 2013

EN 12150-2

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

CLEAR GLASS' 4mm to 19mm

<u>Characteristics</u>	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	1C1	1C1	1C1	1C1	1C1	1C1	1C1
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)
<u>Radiation properties:</u>							
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


 Signed:.....

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ECOGLOSS

WESTON ROAD

NORWICH

NORFOLK

NR3 3WG

2013

EN 12150-2

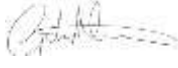
THERMALLY TOUGHENED SODA LIME SILICATE SAFETY GLASS

INTENDED TO BE USED IN BUILDING AND CONSTRUCTION WORKS

4mm and 6mm Soft Coat

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	1C1	1C1
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)
<u>Radiation properties:</u>		
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: 7.2.13

Position: Director



ECOGLOSS		
WESTON ROAD		
NORWICH		
NORFOLK		
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2013		
EN 12150-2		
THERMALLY TOUGHENED SODA LIME SILICATE SAFETY GLASS		
INTENDED TO BE USED IN BUILDING AND CONSTRUCTION WORKS		
4mm and 6mm Obscure (ARCTIC)		
<u>Characteristics</u>	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	1C2	1C2
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)
<u>Radiation properties:</u>		
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: 7.2.13

Position: Director