



BS EN 1279:2002

GLASS IN BUILDING
INSULATING GLASS UNITS

DECLARATION OF PERFORMANCE

THIS IS TO CERTIFY THAT

ST GEORGE GLASS CO (BURY) LIMITED

of
108 Halliwell Road
Bolton
Lancashire
BL1 3QN

HAVE CONFORMED WITH EN 1279-5 ANNEX ZA

by

(a) SUBMITTING PLAIN INSULATING GLASS UNITS FOR TESTING TO BS EN 1279 PART 2 AND SUCCESSFULLY MEETING ALL REQUIREMENTS.

Please refer to Test Report No. 262/4417558
System Description Ref: SGG.2.2003
ITT conducted by: BSI Product Services

Please refer to Test Report No.
System Description Ref:
ITT conducted by:

SUBMITTING PLAIN INSULATING GLASS UNITS FOR
TESTING TO BS EN 1279 PART 3 AND SUCCESSFULLY
MEETING ALL REQUIREMENTS.

Please refer to Test Report No. 8499R-10.26449
System Description Ref: St GG Ltd 99
ITT conducted by: TNO Quality Services BV

Please refer to Test Report No.
System Description Ref:
ITT conducted by:

(b) INSTIGATING AND IMPLEMENTING A SYSTEM OF FACTORY PRODUCTION CONTROL COMPLYING WITH BS EN 1279 PART 6

(c) HAVING UNITS TESTED TO THE REQUIREMENTS EN 1279 PART 6 BY CENSOLUTIONS LTD

(d) PRODUCING A TECHNICAL FILE CONTAINING THE TEST REPORT AND PERFORMANCE INDICATION PAPERS FOR ALL COMPONENTS

Signed: 

Position: DIRECTOR

Date: 10/1/15



St George Glass Co. (Bury) Limited

108 Halliwell Road

Bolton

Lancashire

BL1 3QN

13

EN 1279-5

Insulated glass units, intended to be used in buildings and construction works

System: 4mm Clear - 16mm Spacer Argon - 4mm Pilks K

Characteristics

Resistance to fire	npd
Reaction to fire	A1
External fire performance	npd
Bullet resistance	npd
Explosion resistance	npd
Burgular resistance	npd
Pendulum body impact resistance	npd
Resistance against sudden temperature changes and temperature differentials	≥ 40+40K
Wind, snow permanent and imposed load resistance	≥ 4+4 mm
Direct airborne sound insulation	≤ 31 (-2; -5) dB
Thermal properties	1.5W/(m ² K)
<u>Radiation properties:</u>	
light transmission and reflection	0.75/0.15
solar energy characteristics	0.74/0.13

Signed:.....

Position:.....

Date:.....

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10/1/15



St George Glass Co. (Bury) Limited

108 Halliwell Road

Bolton

Lancashire

BL1 3QN

13

EN 1279-5

Insulated glass units, intended to be used in buildings and construction works

System: 4mm Clear - 16mm Spacer Air - 4mm Pilkings K

Characteristics

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	npd
Resistance against sudden temperature changes and temperature differentials	≥ 40+40K
Wind, snow permanent and imposed load resistance	≥ 4+4 mm
Direct airborne sound insulation	≤ 31 (-2; -5) dB
Thermal properties	1.7W/(m ² K)
<u>Radiation properties:</u>	
light transmission and reflection	0.75/0.15
solar energy characteristics	0.74/0.13

Signed: *S. Sennett*

Position: *Director*

Date: *10/1/13*



St George Glass Co. (Bury) Limited

108 Halliwell Road

Bolton

Lancashire

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EN 1279-5

Insulated glass units, intended to be used in buildings and construction works

System: 4mm Clear Toughened - 20mm Spacer Air - 4mm Pilkington K

Characteristics

Resistance to fire	npd
Reaction to fire	A1
External fire performance	npd
Bullet resistance	npd
Explosion resistance	npd
Burgular resistance	npd
Pendulum body impact resistance	≥1(c)3
Resistance against sudden temperature changes and temperature differentials	≥ 200+200
Wind, snow permanent and imposed load resistance	≥ 4+4 mm
Direct airborne sound insulation	≤ 31 (-2; -5) dB
Thermal properties	1.7W/(m ² K)
Radiation properties:	
light transmission and reflection	0.75/0.15
solar energy characteristics	0.74/0.13

Signature: *S Bennett*
Position: *Director*

Date: *10/1/13*

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St George Glass Co. (Bury) Limited

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Bolton

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EN 1279-5

Insulated glass units, intended to be used in buildings and construction works

System: 4mm Clear Toughened - 20mm Spacer Argon - 4mm Pilkington K

Characteristics

Resistance to fire	npd
Reaction to fire	A1
External fire performance	npd
Bullet resistance	npd
Explosion resistance	npd
Burgular resistance	npd
Pendulum body impact resistance	≥1(c)3
Resistance against sudden temperature changes and temperature differentials	≥ 200+200
Wind, snow permanent and imposed load resistance	≥ 4+4 mm
Direct airborne sound insulation	≤ 31 (-2; -5) dB
Thermal properties	1.5W/(m ² K)
Radiation properties:	
light transmission and reflection	0.75/0.15
solar energy characteristics	0.74/0.13

Signed:

Position:

Date: 10/1/13



St George Glass Co. (Bury) Limited

108 Halliwell Road

Bolton

Lancashire

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13

EN 1279-5

Insulated glass units, intended to be used in buildings and construction works

System: 4mm Clear - 6mm Spacer Air - 4mm Clear (Worst Case Scenario IGU)

Characteristics

Resistance to fire	npd
Reaction to fire	A1
External fire performance	npd
Bullet resistance	npd
Explosion resistance	npd
Burgular resistance	npd
Pendulum body impact resistance	npd
Resistance against sudden temperature changes and temperature differentials	$\geq 40+40K$
Wind, snow permanent and imposed load resistance	$\geq 4+4$ mm
Direct airborne sound insulation	≤ 31 (-2; -5) dB
Thermal properties	$\leq 3.3W/(m^2K)$
<u>Radiation properties:</u>	
light transmission and reflection	$\geq 0.82/0.15$
solar energy characteristics	$\geq 0.73/0.13$

Signed: *Spencer*

Position: *Director*

Date: *10/1/13*