



BS EN 1279:2002

GLASS IN BUILDING
INSULATING GLASS UNITS

DECLARATION OF PERFORMANCE

THIS IS TO CERTIFY THAT



TUDOR GLASS
of
UNIT 10
LITTLE BOYTON HALL
BOYTON CROSS
CHELMSFORD
ESSEX
CM1 4LN

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.

Conventional Bar
Please refer to Test Report No.TQ-RAP-06-28776
System Description Ref: TGE05
ITT conducted by: TNO Quality Services BV

Foamed Spacer
Please refer to Test Report No. 7721R-E09.0391-v2
System Description Ref: TGE05
ITT conducted by: TNO Quality Services BV

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

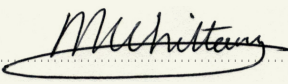
Conventional Bar
Please refer to Test Report No.7729R-E09.0391-v2
System Description Ref: TGE05
ITT conducted by: TNO Quality Services BV

Foamed Spacer
Please refer to Test Report No.7728R-E09.0391-v2
System Description Ref: TGE05
ITT conducted by: TNO Quality Services BV

(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: 

Date: 23rd April 2013

Position: Business Development Manager.

CE



TUDOR GLASS
UNIT 10
LITTLE BOYTON HALL
BOYTON CROSS
CHELMSFORD
ESSEX
CM1 4LN

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
Burglar 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	3.3W/(m ² K)
<u>Radiation properties:</u> light transmission and reflection	$\geq 0.82/0.15$
Solar energy characteristics	$\geq 0.73/0.13$

Signed:.....

Date: 23rd April 2013

Position: Business Development Manager.

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EN 1279-5

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

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

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	≥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	≤ 3.3W/(m ² K)
<u>Radiation properties:</u> light transmission and reflection	≥ 0.82/0.15
Solar energy characteristics	≥0.73/0.13

Signed: 

Date: 23rd April 2013

Position: Business Development Manager