



BS EN 1279:2002

GLASS IN BUILDING
INSULATING GLASS UNITS

DECLARATION OF PERFORMANCE

THIS IS TO CERTIFY THAT

CONNAUGHT WINDOWS LIMITED

of

496 Wallisdown Road
Bournemouth
Dorset
BH11 8PT

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. 9732R-10.E09.0444
System Description Ref: SS31-01
ITT conducted by: TNO Quality Services B.V.

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

Please refer to Test Report No. TQS-RAP-09-7162
System Description Ref: SS31-01
ITT conducted by: TNO Quality Services B.V.

- (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: 01-07-13

Position: MANAGING DIRECTOR



CONNAUGHT WINDOWS LIMITED

496 Wallisdown Road

Bournemouth

Dorset

BH11 8PT

13

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)
Radiation properties:	
light transmission and reflection	≥0.82/0.15
solar energy characteristics	≥0.73/0.13

This declaration relates to a worst case scenario and as such all our products will give an equal to or better than performance to those quoted

Signed: 

Date: 01-07-13

Position: MANAGING DIRECTOR

OTHER BETTER "U" VALUES CAN BE CALCULATED USING RATIFIED CALCULATORS SUCH AS CALUMEN OR SPECTRUM



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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	$\leq 31 (-2; -5)$ dB
Thermal properties	$\leq 3.3W/(m^2K)$
<u>Radiation properties:</u>	
light transmission and reflection	$\geq 0.82/0.15$
solar energy characteristics	$\geq 0.73/0.13$

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Position:.....

MANAGING DIRECTOR

Date:.....

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