



BS EN 1279:2002
GLASS IN BUILDINGS INSULATED GLASS UNITS

DECLARATION OF CONFORMITY

THIS IS TO CERTIFY THAT
KALGLASS LIMITED
of
3 WEYDOWN ROAD INDUSTRIAL ESTATE
WEYDOWN ROAD
HASLEMERE
GU27 1DW

HAVE CONFORMED TO 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: Chilt/G03013**
System Description:Kalglass 2003
ITT conducted by: Chilter Dynamics

(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:- *12/6/13*



KALGLASS Ltd	
3 WEYDOWN ROAD INDUSTRIAL ESTATE	
WEYDOWN ROAD	
HASLEMERE	
GU27 1DW	
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)	
<u>Characteristics</u>	
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

Signed: 

Date: 13/6/13

Position: DIRECTOR



KALGLASS LTD

3 WEYDOWN ROAD INDUSTRIAL ESTATE

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GU27 1DW

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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	$\leq 3.3W/(m^2K)$
Radiation properties:	
light transmission and reflection	$\geq 0.82/0.15$
solar energy characteristics	$\geq 0.73/0.13$

Signed:.....

Date:.....

Position:.....



KALGLASS LTD
3 WEYDOWN ROAD INDUSTRIAL ESTATE
WEYDOWN ROAD
HASELMERE
GU27 1DW

EN 14351-1:A1:2010

WINDOWS AND EXTERNAL PEDESTRIAN DOORSETS WITHOUT
RESISTANCE TO FIRE AND/OR SMOKE LEAKAGE CHARACTERISTICS

System: : PVCu or Timber Windows and Doors

<u>Characteristics</u>	Declared Value
Dangerous Substances	None
Thermal Transmittance	$\leq 3.2W/(m^2K)$
Load Bearing Capacity of Safety Devices	Passed
Resistance to Wind Load	npd
Resistance to snow and permanent load	npd
Reaction to fire	npd
External Fire Performance	npd
Water tightness	npd
Impact Resistance	npd
Radiation Properties	npd
Acoustic Performance	npd
Air Permeability	$\leq 1.0W/(m^2K)$

SIGNED

DATE

12/6/13.

POSITION

DIRECTOR



BS EN 14351 - 1:2006+A1:2010

WINDOWS AND EXTERNAL PEDESTRIAN DOORSETS WITHOUT RESISTANCE
TO FIRE AND/OR SMOKE LEAKAGE CHARACTERISTICS

DECLARATION OF CONFORMITY

THIS IS TO CERTIFY THAT

KALGLASS LIMITED

of

3 WEYDOWN ROAD INDUSTRIAL ESTATE
WEYDOWN ROAD
HASLEMERE
GU27 1DW

HAVE CONFORMED TO EN 14351-1:A1:2010 ANNEX ZA

FOR

VERTICAL SIDING, TILT & TURN, CASEMENT WINDOWS AND DOORS
INTENDED TO BE USED IN DOMESTIC AND COMMERCIAL LOCATIONS

BY

INSTIGATING AND IMPLEMENTING A SYSTEM OF FACTORY PRODUCTION CONTROL COMPLYING
WITH EN 14351-1:A1:2010 ANNEX ZA

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

INCLUDING THE FOLLOWING MANDATORY REQUIREMENTS
LOAD BEARING CAPACITY OF SAFETY DEVICES - Clause 4.8
THERMAL CHARACTERISTICS - Clause 4.12
DANGEROUS SUBSTANCES - Clause 4.6

SIGNED

DATE

12/6/13

POSITION

DIRECTOR

**ALTERNATIVE IMPROVED THERMAL
PERFORMANCE & "U" VALUES ARE
AVAILABLE BY REFERING TO THE SPECIFIC
VALIDATED SIMULATION OR TEST REPORT**

RE: EN 14351-1 4.6 DANGEROUS SUBSTANCES DECLARATION

Future Fabrications Ltd confirms that our manufactured products are not liable to emission or migration of dangerous substances, which could constitute a hazard to health, hygiene or the environment, during the performance of their normal intended use.

Yours faithfully,

C E MARKING TO BS EN 1279 - 5 ANNEX ZA

DANGEROUS SUBSTANCES

Glass is an inert product and only constitutes a risk if broken. This break risk is covered by building regulations within Safety Glazing requirements."

During the normal, intended use and performance of the Insulated Glass Units, they will not cause any adverse effect on hygiene, health or the environment.

Separate statements and COSH Data Sheets will need to be obtained for glazing materials used in conjunction with these IGU's to ensure the above statement is totally satisfied.