



**BS EN 1279:2018**

**GLASS IN BUILDING  
INSULATING GLASS UNITS**

# **DECLARATION OF CONFORMITY**

THIS IS TO CERTIFY THAT

**ECOGLASS LTD**

of

**WESTON ROAD  
NORWICH  
NR3 3WG**

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.262/4565323  
System Description Ref KM 54830 - Two Part  
ITT conducted by:BSI

Please refer to Test Report No. 262/4195874  
System Description Ref: KM 54830 - Hot Melt  
ITT conducted by:BSI

**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-07-1054  
System Description Ref:KM 54830 - Two Part  
ITT conducted by: TNO QUALITY SERVICES

(b) **INSTIGATING AND IMPLEMENTING A SYSTEM OF FACTORY PRODUCTION CONTROL  
COMPLYING WITH BS EN 1279:2018 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:.....

Position:.....



ECOGLOSS LTD  
WESTON ROAD  
NORWICH  
NORFOLK  
NR3 3WG  
19

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	$\leq 31$ (-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	$\geq 0.73/0.13$

Signed:.....

Date:.....

Position:.....



ECOGLOSS LTD

WESTON HOUSE

NORWICH

NORFOLK

NR3 3WG

19

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	≥1C1
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 <sup>2</sup> K)
Radiation properties:	
light transmission and reflection	≥0.82/0.15
solar energy characteristics	≥0.73/0.13

Signed:.....

Date:.....

Position:.....