





The Northern Test House

Unit 8, Victoria Street Industrial Estate, Victoria Street, Leigh. WN7 5SE Telephone: 01942 609696 Fax: 01942 609457

Test Report

Report No	AI1910/11506	This report consists of five pages
Client	Ashton Industrial Sales Ltd., South Road, Harlow, Essex. CM20 2AR	
Contact	Managing Director	
Items tested	4 off insulating glass units Desiccant- Eurosieve Primary sealant- N/A Secondary sealant- Nedex Hot Melt Date of manufacture- October 2011	
Specification	BS EN 1279-6:2002 Annex C U.V.Fogging Test Periodic testing for product certification	
Results	PASS	
Prepared by		S.Preston
Authorised by		B. Gillespie.
Issue date	22nd November 2011	



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INTRODUCTION

At the request of Ashton I.S, insulated glass units described below were tested to EN 1279-6 Annex C. As indicated on the following pages, the units were received on 1st November 2011 and were given the Identification No. AI1910/11506

TEST UNITS

4 off insulating glass units, each 502mm x 352mm having a 12mm air gap between 2 panes of 4mm float glass and as Appendix A, were submitted for testing to EN1279-6 Annex C. The components used in the construction of the test units were stated by Ashton I.S, to be as follows:

SPACER BAR	Profilex HM
PRIMARY SEALANT	N/A
SECONDARY SEALANT	Nedex Hot Melt
DESICCANT	Eurosieve
CORNER KEYS	Profilex
CAVITY GAS	Air
LEAD	unknown
GEORGIAN BAR	unknown
COLOURED FILM	unknown
ADHESIVE	N/A
OTHER.....	N/A

The test units as described above produced the following results:

SUMMARY OF RESULTS

Characteristic	Observation	Result
U.V Fogging Test Unit 1	No Fogging	PASS
U.V.Fogging Test Unit 2	No Fogging	PASS

AIR TEMP 55 Degrees Celsius **PLATE TEMP** 25 Degrees Celsius **DATE** 13/11/2011



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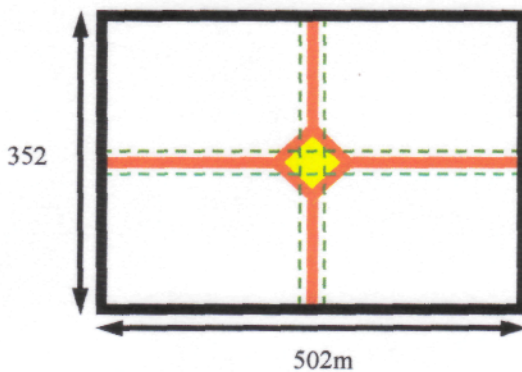
TEST PROCESS

The test units were designated for testing on 1st November 2011. They were conditioned at standard laboratory conditions of 23 degrees +/- 2 degrees and 50% humidity +/-5% for a period of 7 days. During this time the seal geometry was inspected and recorded.

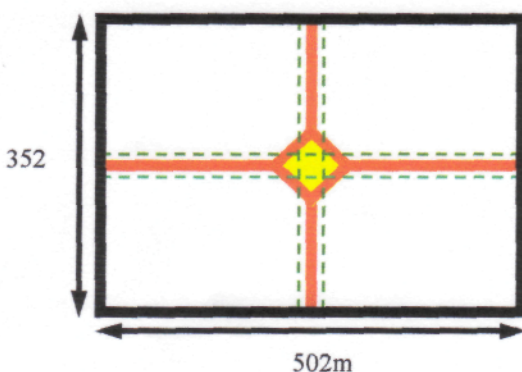
U.V.FOGGING TEST

Two of the four sample units were mounted in an ultraviolet test cabinet manufactured in accordance with Fig. C.2 of BS EN1279 Part 6 Annex C. Having an output of 40 Watts per metre squared. The air temperature within the test cabinet was maintained at 55 degrees Celcius +/- 5 degrees Celsius. Cooling plates were placed on the geometric centre of each test unit. These cooling plates were maintained at a temperature of 25 degrees Celsius +/- 2 degrees Celsius. The test units were left in the cabinet for 168 hours +/- 4 hours. At the end of this period the test units were removed from the test cabinet and conditioned at standard laboratory conditions for 7 days. The test units were then examined at eye level in a viewing box from a distance of 1 metre. Any signs of contamination and fogging were noted on the interior glass surfaces and the patterns were recorded on the diagrams below.

Test Unit 1



Test Unit 2



***Deviation

Units supplied without lead, film and Georgian bar, blank units

Key	Description
	Outside edge of I.G.U. Solid black line.
	18x8 mm Georgian bar with centre cruciform. Green dashed line.
	6 mm Lead. Solid orange line.
	Adhesive film diamond, standard size.
	Contamination or fogging



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Summary of report no.....AI1910/11506

Date.....22nd November 2011.....

Insulating glass units— Periodic test according to EN 1279-6 Annex C

For details, see the test report

Company: Name: Ashton Industrial Sales Ltd.
Address: South Road,
Harlow,
Essex.
CM20 2AR

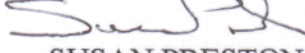
Manufacturing
Plant: As above
Address: As above

System description, file number: n/a
Product Name: Insulating Glass Units

System conforms:

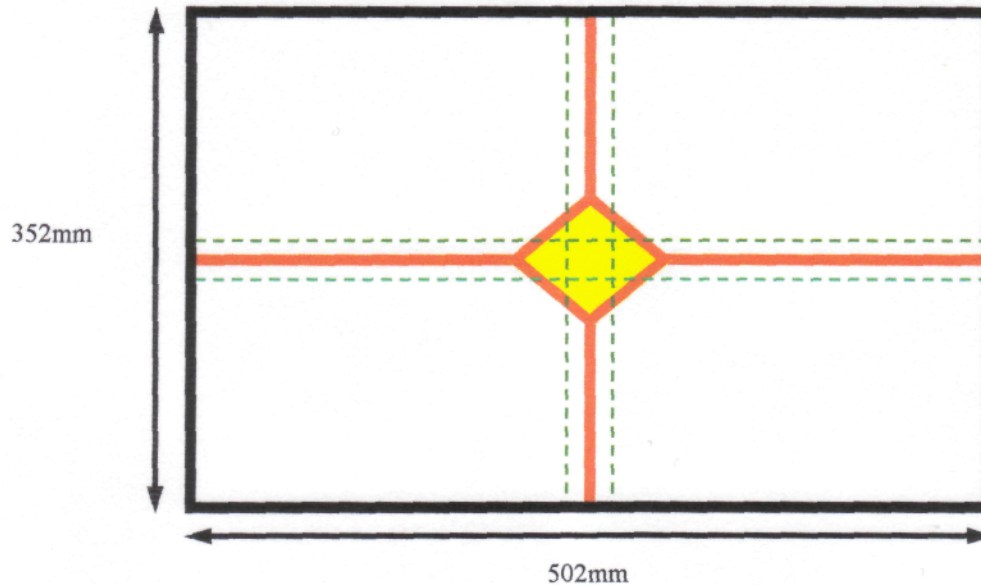
YES	<input type="checkbox"/>
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Note: Comparisons of moisture penetration indices of different insulating glass unit systems are meaningless.





Signature: 
Name: SUSAN PRESTON
Date: 22/11/2011



Appendix A - Preparing units for U.V. Fogging Test



Submit four identical units

Key	Description
	Outside edge of I.G..U. Solid black line.
	18x8 mm Georgian bar with centre cruciform. Green dashed line.
	6 mm Lead. Solid orange line.
	Adhesive film diamond, standard size.