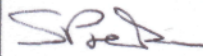





The Northern Test House

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

Test Report

Report No	AI1910/11506A	This report consists of four pages
Client	Ashton Industrial Sales Ltd., South Road, Harlow, Essex. CM20 2AR	
Contact	Managing Director	
Items tested	5 off insulating glass units Desiccant- Eurosieve Primary sealant- N/A Secondary sealant- Nedex Hot Melt Spacer bar- Profilex Date of manufacture- October 2011	
Specification	BS EN 1279-6:2002 Annex B Periodic testing for product certification	
Results	PASS	
Prepared by		S.Preston
Authorised by		B. Gillespie.
Issue date	20th December 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 B. As indicated on the following pages, the units were received on 18th October 2011 and were given the Identification No. AI1910/11506A

TEST UNITS

5 off insulating glass units, each 502mm x 352mm having a 12mm air gap between 2 panes of 4mm float glass were submitted for testing to EN1279-6 Annex B. 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	N/A
GEORGIAN BAR	N/A
COLOURED FILM	N/A
ADHESIVE	N/A
OTHER.....	N/A

The test units as described above produced the following results:

SUMMARY OF RESULTS

Characteristic	Specified	Actual	Result
Sample 1 Moisture Penetration Index	8.5%	2.95%	PASS
Sample 5 Moisture Penetration Index	8.5%	4.31%	PASS



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TEST PROCESS

The test units were designated for testing on 2nd November 2011. They were conditioned at standard laboratory conditions of 23 degrees +/- 2 degrees and 50% humidity +/-5% for a period of 14 days. During this time the seal geometry was inspected and recorded.

INITIAL MOISTURE CONTENT

The desiccant from units 2 and 4 was removed and the initial moisture content determined by the 950 degree Celsius drying method as defined in EN1279-2:2002 Annex B

CLIMATIC TEST

Units 1 and 5 were placed in the climatic test chamber and subjected to a constant temperature of 58 degrees Celsius and a humidity of 95% or greater for a period of 3 weeks. Following the climatic test the test units were conditioned at standard laboratory conditions for a period of 14 days.

FINAL MOISTURE CONTENT

The desiccant from test units 1 and 5 was removed and the final moisture content determined by the 950 degree Celsius drying method as defined in EN 1279-2:2002 Annex B

TEST RESULTS

UNIT NUMBER	INITIAL MOISTURE CONTENT	FINAL MOISTURE CONTENT	MOISTURE PENETRATION INDEX
1	N/A	2.33%	2.95%
2	1.90%	N/A	N/A
4	1.68%	N/A	N/A
5	N/A	2.58%	4.31%

The desiccant has been declared as Euro sieve with a generally accepted value for the standard moisture absorption capacity of 20.0%



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Summary of report no.....AI1910/11506A Date.....20th December 2011.....

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

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	
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Note: Comparisons of moisture penetration indices of different insulating glass unit systems are meaningless.

Signature: 
Name: SUSAN PRESTON
Date: 20/12/2011