



# BCTS


BUILDING COMPLETION TESTING SERVICES



## INAB Accredited Air Tightness Test Report

Report Number : 7833

**67 Bancroft Avenue, D24 WY6P**

- |  |  |   |  |
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## INAB ACCREDITED AIRTIGHTNESS TEST REPORT

REPORT NUMBER 7833 (29604)

INAB ISO 17025 REGISTRATION NUMBER: 390T

DATE OF TEST:	PERFORMED FOR:	PERFORMED BY:	OPERATOR LOCATION:
09/08/2024	Be Energy Partners Ltd	Brian P Cunningham	Inside

BUILDING DETAILS:					
Site address:	67 Bancroft Avenue, D24 WY6P				
Building Type:	House				
Construction:	Traditional				
Measurements:	Building volume [m³]:	Envelope Area [m²]:	Floor Area [m²]:	Storeys:	
	0.00	380	0	0	
Type of Test:	Whole Building			Internal Doors:	Open
Ventilation:	Natural ventilation			External Door:	Closed
Primary Heating:	Wet Central Heating System			External Windows:	Closed
Mastic Sealing:	Sanitary Ware Only			Trickle Vents:	Closed
Test Method:	B			Ventilation:	Temporary Sealed
Deviations From Test Standard:					

TEST RESULTS:			
Specified Air Permeability:	0	Envelope Air Permeability Result:	
Volume Air changes at 50 Pa, n50 [/h]	0.00	8.19[m³/h/m²]	
Flow per Floor Area at 50 Pa, [m³/h/m²]	0.00		
Air flow at 50 Pa, [m³/h]	3110.78		
Slope, n:	0.55343		
Correlation, r [%]:	0.99924		
Air Flow Coefficient, Cenv:	356.07		
Air Leakage Coefficient, CL:	356.94		

TEST PROCEDURE:
The result attained during this test was – 8.19. m³/(hr.m²) The result is above the target specified air permeability of 0.(m³/h/m²) at 50 Pa. This report relates to the air tightness testing of the building indicated above as required under the building regulations. The building has been tested in accordance with the following standards. EN ISO 9972:2015, CIBSE Technical Manual TTM2 (with reference to ATTMA TSL1/TLS2/TSL3) and BCTS Ltd ISO17025 quality management system. Refer to terms and condition for MU. The external envelope was calculated by BCTS from drawings issued by the client.



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### TEST DATA:

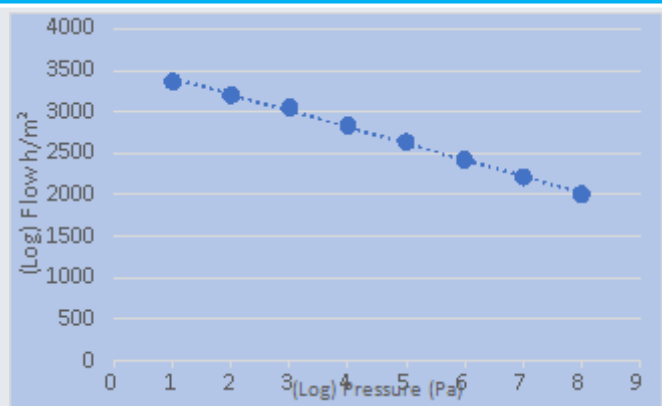
#### DEPRESSURIZE DATA SET:

STATIC PRESSURE:	$\Delta P+$	$\Delta P-$	$\Delta P$	TEMPERATURE AFTER:	INSIDE:	OUTSIDE:
BEFORE:	.0 PA	-2.8 PA	-2.8 PA		17.5°C	15.0°C

Building Pressure (Pa):	-60.00	-55.00	-50.00	-45.00	-40.00	-35.00	-30.00	-25.00
Total Flow $Q_r$ (m <sup>3</sup> /h):	3366.00	3204.00	3057.00	2842.00	2635.00	2424.00	2216.00	2009.00
Corrected Flow $Q_{env}$ (m <sup>3</sup> /h):	3364.09	3202.18	3055.27	2840.39	2633.51	2422.63	2214.74	2007.86
Error Rate (%):	0.0	0.1	1.0	-0.1	-0.6	-0.9	-0.5	1.0

STATIC PRESSURE:	$\Delta P+$	$\Delta P-$	$\Delta P$	TEMPERATURE AFTER:	INSIDE:	OUTSIDE:
AFTER:	.0 PA	-3.2 PA	-3.2 PA		17.5°C	15.0°C
Average Barometric Pressure	100.14 kPa					

### TEST GRATH:



### EQUIPMENT:

DEVICE:	SERIAL NO:	CALIBRATION:
RETROTEC 5000	5FN202443	Aug 22 2027
DM32	412032	Aug 25 2027
C12 DIGITAL READOUT	05190812	Jan 6 2026
GPB3300	10005	Jan 6 2026

### NOTES:

CHECKED AND SIGNED OF BY: Brian Cunningham Director

DATE:

Aug 9 2024

### Disclaimer

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