



BCTS

BUILDING COMPLETION TESTING SERVICES



INAB Accredited Air Tightness Test Report

Report Number : 7564

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INAB ACCREDITED AIRTIGHTNESS TEST REPORT

REPORT NUMBER 7564 (29571)

INAB ISO 17025 REGISTRATION NUMBER: 390T

DATE OF TEST:	PERFORMED FOR:	PERFORMED BY:	OPERATOR LOCATION:
05/07/2024	Be Energy Partners Ltd	Brian P Cunningham	Inside

BUILDING DETAILS:						
Site address:	Glenview, Ballymorefinn, D24 D24 H266					
Building Type:	House					
Construction:	Traditional					
Measurements:	Building volume [m³]:	Envelope Area [m²]:	Floor Area [m²]:		Storeys:	
	0.00	413	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	8.56[m³/h/m²]	
Flow per Floor Area at 50 Pa, [m³/h/m²]	0.00		
Air flow at 50 Pa, [m³/h]	3537.20		
Slope, n:	0.76391		
Correlation, r [%]:	0.99878		
Air Flow Coefficient, Cenv:	178.78		
Air Leakage Coefficient, CL:	178.15		

TEST PROCEDURE:
The result attained during this test was – 8.56. 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.

Version 4

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TEST DATA:

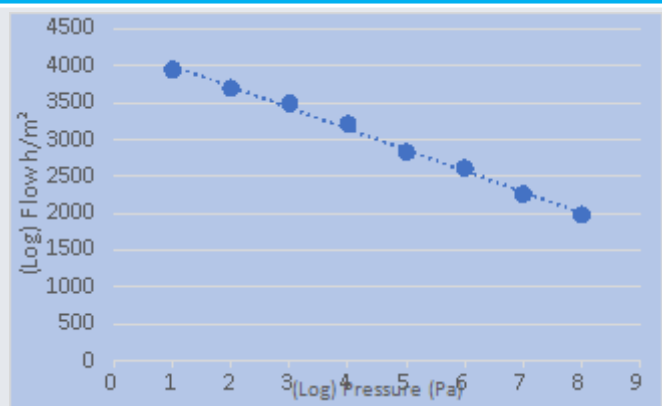
DEPRESSURIZE DATA SET:

STATIC PRESSURE:	$\Delta P+$	$\Delta P-$	ΔP	TEMPERATURE AFTER:	INSIDE:	OUTSIDE:
BEFORE:	.0 PA	-1.7 PA	-1.7 PA		15.8°C	14.1°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 ³ /h):	3948.00	3699.00	3490.00	3212.00	2829.00	2612.00	2262.00	1980.00
Corrected Flow Q_{env} (m ³ /h):	3980.57	3729.52	3518.79	3238.50	2852.34	2633.55	2280.66	1996.34
Error Rate (%):	-0.7	-0.4	1.4	1.4	-1.9	0.8	-1.1	0.5

STATIC PRESSURE:	$\Delta P+$	$\Delta P-$	ΔP	TEMPERATURE AFTER:	INSIDE:	OUTSIDE:
AFTER:	.0 PA	-1.9 PA	-1.9 PA		15.8°C	14.1°C
Average Barometric Pressure	97.82 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:

Jul 5 2024

Disclaimer

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