



# Air Leakage Certificate

In accordance with BS EN 13829 and ATTMA TSL1 (2010)

Building tested:	9 Erneley Close (Ground Floor, 12-Block), Longsite, Manchester M12 5RB
Test Date:	1 <sup>st</sup> April 2014
Test Engineer:	Paul Jennings, Aldas
Certificate No:	JALDAS5084/T01C

This is to certify that the above named dwelling has been tested for air leakage in accordance with the BS EN 13829:2001 methodology and the requirements of BINDT & the Passivhaus Institute.

The average (pressurisation & depressurisation) Leakage Characteristics of the dwelling were recorded as follows:

Airflow @ 50 Pa:	112 m <sup>3</sup> /hr		
Air Permeability @ 50 Pa:	0.58 m <sup>3</sup> / (hr.m <sup>2</sup> )		
Air Change Rate @ 50 Pa:	0.69 ACH <sup>-1</sup>		
Correlation of Results, R <sup>2</sup> :	0.999		
Slope, n:	0.76		
Intercept, C <sub>env</sub> :	5.83 m <sup>3</sup> / (hr.Pa <sup>n</sup> )		
<b>Test Parameters</b>			
Envelope, A <sub>E</sub> :	192.4 m <sup>2</sup>		
Volume, V:	161.7 m <sup>3</sup>		
Env. Calc. prepared by:	Paul Jennings		
Initial Offset Pressure	0.00 Pa	Final Offset Pressure:	+0.15 Pa
Initial Inside Temperature:	17°C	Final Inside Temperature:	17°C
Average Outside Temperature:	13°C	Barometric Pressure:	100.7 kPa

This certificate should be read in conjunction with the report JALDAS5084 R3 and associated test method statement.

*Paul Jennings*

Signed: \_\_\_\_\_ Name: Paul Jennings Date Issued: 2/04/14

Position: Air Leakage Specialist



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