

# Certificate of Air Permeability Test

Test Undertaken By Alex Ross of Robust Testing Solutions Ltd

## Registered Company Details

<b>Robust Testing Solutions Ltd</b>	
<b>Address:</b>	16 Wicket Avenue Rainham ME8 7EZ
<b>Telephone:</b>	01799 540220
<b>Email:</b>	info@robusttesting.co.uk

## Registered Tester Details

<b>Technician:</b>	Alex Ross				
<b>Registration No:</b>	16056				
<b>Qualification:</b>	1	2	3	PH	EA
	✓				
For clarification on technician qualifications please visit: <a href="https://www.bcta.group/attma/members/">https://www.bcta.group/attma/members/</a>					

## Building Details

<b>Building identifier:</b>	25				
<b>Site address:</b>	Redington Gardens, London, NW3 7RX				
<b>Type:</b>	Dwelling	<b>Description:</b>	House - Semi-detached		
<b>Construction:</b>	ICF	<b>Warm roof:</b>	Yes		
<b>Size:</b>	<b>Footprint (m<sup>2</sup>)</b>	<b>Envelope (m<sup>2</sup>)</b>	<b>Volume (m<sup>3</sup>)</b>	<b>Storey</b>	
	239.94	1100.74	3215.196	5	
<b>Ventilation:</b>	System 3 - Continuous Mechanical Ventilation				
<b>Primary heating:</b>	ASHP	<b>Air conditioning:</b>	Comfort Cooling		
<b>Mastic sealing:</b>	External and internal walls (inc. sanitary ware)				

## Test Details

13/08/2021

<b>Report reference:</b>	P210389 - 1A-Site Sound		
<b>Retest:</b>	No	<b>Build progress:</b>	Final
<b>Data acquisition:</b>	Manual	<b>Test type:</b>	Whole Building
<b>Temporary sealing:</b>	No. Extractor Fans		

## Deviations from Test Standard

<b>Deviations:</b>	None
<b>Notifications:</b>	

## Test Results

Pass

<b>Target:</b>	<b>&lt;= 4.00</b>	m <sup>3</sup> .h <sup>-1</sup> .m <sup>-2</sup> @50Pa	<b>Air Permeability:</b>
<b>Air Flow Coefficient (C<sub>env</sub>):</b>	<b>202.090</b>	m <sup>3</sup> .h <sup>-1</sup> .Pa <sup>n</sup>	<b>3.37</b> m <sup>3</sup> .h <sup>-1</sup> .m <sup>-2</sup> @50Pa
<b>Air Leakage at 50 Pa (Q<sub>50</sub>):</b>	<b>3711.2</b>	m <sup>3</sup> .h <sup>-1</sup>	
<b>Air Flow Exponent (n):</b>	<b>0.74</b>		
<b>Coefficient of Determination (r<sup>2</sup>):</b>	<b>0.995</b>		

This is to certify that the above name building has been tested by a registered provider in accordance with ATTMA TSL1 or TSL2, subject to the above statements regarding temporary sealing and deviations from these test standards.

This certificate is a short form report. If a full compliant report is required please contact the company that issued the certificate. Enquiries about this certificate should be made to: Scheme Manager, ATTMA, Unit 3, Tannery Road, Loudwater, Buckinghamshire, HP13 7EQ or visit [www.bcta.group/attma/](http://www.bcta.group/attma/)