

## Section 2.1: Planning and Environmental Certificates

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### 2.1.6 Air Permeability Test

# Certificate of Air Permeability Test



Test Undertaken By Luke Murphy of STROMA Built Environment Ltd

## Registered Company Details

### STROMA Built Environment Ltd

**Address:** Unit 6  
Silkwood Business Park  
Fryers Way  
Wakefield  
WF5 9TJ

**Telephone:** 08456 212222

**Email:** helen.jordan@stroma.com

## Registered Tester Details

**Technician:** Luke Murphy

**Registration No:** 15948

**Qualification:**

1	2	3	PH	EA
✓	✓			

For clarification on technician qualifications please visit:  
<https://www.bcta.group/attma/members/>

## Building Details

**Building identifier:** Bolton 45 (Unit 3)

**Site address:** Wingates Industrial Estate Bolton, Great Bank Road, Bolton, Greater Manchester, BL5 3XN

**Type:** Non-Dwelling **Description:** Warehouse

**Construction:** Steel Frame **Warm roof:** Yes

**Size:**

Footprint (m <sup>2</sup> )	Envelope (m <sup>2</sup> )	Volume (m <sup>3</sup> )	Storey
4095.5	11738.4	56669.2	2

**Ventilation:** System 3 - Continuous mechanical extract

**Primary heating:** None **Air conditioning:** None

**Mastic sealing:** None

## Test Details

02/05/2024

**Report reference:** PR-A361 B453) T1

**Retest:** No **Build progress:** Final Test

**Data acquisition:** Manual **Test type:** Whole Building

**Temporary sealing:** Mechanical air handling plant sealed? (Yes)

## Deviations from Test Standard

**Deviations:** None

**Notifications:**

## Test Results

<b>Target:</b>	<b>&lt;= 2.50</b>	<b>m<sup>3</sup>.h<sup>-1</sup>.m<sup>-2</sup>@50Pa</b>	<b>Air Permeability:</b>
<b>Air Flow Coefficient (C<sub>env</sub>):</b>	<b>1,568.622</b>	<b>m<sup>3</sup>.h<sup>-1</sup>.Pa<sup>n</sup></b>	<b>1.67</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>19645.19</b>	<b>m<sup>3</sup>.h<sup>-1</sup></b>	
<b>Air Flow Exponent (n):</b>	<b>0.65</b>		
<b>Coefficient of Determination (r<sup>2</sup>):</b>	<b>0.994</b>		

This is to certify that the above name building has been tested by a registered provider in accordance with ATTMA TSL1, TSL2 or TSL3, 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/)

Pass



QX5W-58X8-2SJ7



ATTMA is part of the Building Compliance Testers Association (BCTA). The BCTA is a trade association for companies that conduct on-site testing and operate within controlled, audited schemes. Enquiries should be made to: BCTA, Unit 3, Tannery Road, Loudwater, Buckinghamshire, HP13 7EQ or visit [www.bcta.group](http://www.bcta.group)