

# S.J. PROUSE DESIGN.

ARCHITECTURAL DESIGN,  
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APPROVED SAP ENERGY RATING CONSULTANT  
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## Report

### RESULTS OF THE ENVELOPE AIRTIGHTNESS TEST CARRIED OUT FLAT 12, ATLANTIC COURT, NORTHFIELD ROAD, ILFRACOMBE.

Report AT0120/2009  
5<sup>th</sup> August 2009

Carried out for:                    **Mr P Joggers**  
   **Atlantic Developments**  
   **Ashleigh**  
   **St Brannocks Park Road**  
   **Ilfracombe**  
   **EX34 8HX**

Carried Out by:                    **M B Whitehead, BINDT Registration No 0093**  
   **S.J.Prouse Design,**  
   **Unit 2 Harton Way Industrial Park**  
   **Hartland**  
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   **EX39 6AG**

## INTRODUCTION

This report is presented to provide the results of the air permeability depressurisation tests carried out at Flat 12, Atlantic Court, Northfield Road, Ilfracombe, to determine compliance with Approved Document L1A of the Building Regulations.

The measured air permeability of the dwelling was 3.12 m<sup>3</sup>/(h\*m<sup>2</sup>) at a test pressure of 50 Pascal's with no non-conformities in the dwelling set up. A test certificate (Number C15918) has therefore also been issued.

## TEST CONDITIONS & EQUIPMENT

		Before test	After test	Average
Fan off pressure	Pa	<b>-1.1</b> <b>-1.1</b> <b>-1.1</b>	<b>-1</b> <b>-1.2</b> <b>-1.6</b>	<b>Before: -1.1</b>  <b>After: -1.3</b>
Internal temperature	oC	<b>20</b>	<b>19.7</b>	<b>19.85</b>
External temperature	oC	<b>20</b>	<b>19.8</b>	<b>19.9</b>
Barometric pressure	mbar	<b>1014.4</b>	<b>1014.4</b>	<b>1014.4</b>
Wind speed	m/s	<b>0</b>	<b>0</b>	<b>0</b>

## EQUIPMENT USED (UKAS calibration certificates available on request)

EQUIPMENT USED	SERIAL NUMBER	CAIBRATION EXPIRY
MINNEAPOLIS BLOWER DOOR	12732	23 <sup>rd</sup> July 2010
MICROMANOMETER DG700	45738	23 <sup>rd</sup> July 2010
DRUCK DPI 705 BAROMETER	6680-4-700	28 <sup>th</sup> November 2009
INTERNAL TEMPERATURE, TESTO 110 AND PROBE	33907925	28 <sup>th</sup> November 2009
EXTERNAL TEMPERATURE PROBE	0613 1001	28 <sup>th</sup> November 2008 NOT IN USE
WIND SPEED ANEMOMETER	AFL 9020793	N/A
ENERGY CONSERVANCY SOFTWARE	TECTITE EXPRESS VERSION 3.5	N/A

The test procedure was carried out in accordance with the requirement of ATTMA Technical Standard 1 and the BINT Quality Procedure.