

ACHIEVING AIRTIGHTNESS – HOW TO MEET THE NEW PART L REGULATIONS

bre

A half-day training seminar for
architects and contractors

05 October 2005, Birmingham

12 October 2005, Manchester

25 January 2006, London



FREE copy of
*Airtightness in commercial
and public buildings*
(retail value £50)

DESIGNING TIGHT & BUILDING RIGHT

All new commercial and public buildings must be designed and constructed to limit heat losses, heat gains and air infiltration through the fabric. The revisions to Part L, which are due to come into effect later this year, are likely to require pressure testing of all buildings other than dwellings, except in exceptional circumstances.

Designers and contractors need to address these issues at the start of a project when it is often quite simple to incorporate the right design and workmanship principles. Failing the test means having to go back and re-do work in the final stages of construction, which is very costly both in time and money. By working together to manage the process properly, the design team and contractors can create an airtight building that will pass first time.

This seminar will guide delegates through what has to be done and why:

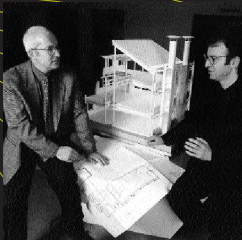
- how to design for airtightness; common problem areas
- constructing an airtight building envelope; good workmanship; construction techniques

Sessions will be run by BRE's airtightness team, who provide airtightness consultancy and testing services for architects and contractors. BRE is a founder member of ATTMA, the Air Tightness Testing and Measurement Association.

The seminar costs £170.38 including VAT, and delegates will receive a free copy of *Airtightness in commercial and public buildings* (retail value £50). The outline guide to design sets out the principles of providing an effective airtightness layer and advises on some common pitfalls.

DATES AND VENUES

- 05 Oct** Britannia Hotel, Birmingham
- 12 Oct** Midland Hotel, Manchester
- 25 Jan** Radisson Marlborough Hotel, London





10.00 Registration

10.30 Welcome and introduction

The planned revision of Building Regulations
Anthony Slater, Director BRE Environment

11.00 Build tight – ventilate right

What airtightness is, why it is important and the benefits of constructing an airtight building; common air infiltration routes
Mike Jaggs, BRE



11.30 Coffee

11.45 The principles of designing and constructing an airtight building

Primarily looks at the air barrier – how to identify it and ensure its continuity, example details, junctions between building elements and material interfaces; also issues such as contracts and quality of work.
Chris Scivyer, BRE

12.15 The airtightness test and air leakage audit

Test procedures and methodology; air leakage audit methods; identifying air leakage paths
Mike Jaggs

12.45 Question and answer session

13.15 Close and lunch

BOOKING FORM

Please complete and return this form to:

Caroline McGill, BRE Events, Garston, Watford, WD25 9XX

T 01923 664800 F 01923 664790 E events@bre.co.uk or register online at www.bre.co.uk/events

I wish to attend the following **Achieving Airtightness – designing tight and building right** seminar (total cost **£170.38** inc VAT)

05 Oct 05 – Birmingham 12 Oct 05 – Manchester 25 Jan 06 – London

PERSONAL DETAILS

Title (eg Mr/Mrs/Ms) _____

First name _____

Surname _____

Job title/Position _____

Organisation _____

Address _____

Postcode _____

Phone _____

Fax _____

E-mail _____

Please note here if you have any special dietary or access requirements

PAYMENT DETAILS

I wish to pay by the following method

Credit card:

Visa/ Delta, MasterCard Eurocard only

Expiry date

Cheque:

Made payable to BRE

(Cheques must be in UK pounds (£) drawn on a UK bank)

BACS:

Bank details are as follows

Bank name: Barclays Bank plc, 50 Pall Mall, PO Box 15162,
London SW1A 1QB

Account: Building Research Establishment Ltd

Account No: 00606758 Sort Code: 20-65-63

Please quote Senders Ref ED0815

Please note payment in advance only by credit card, cheque or BACS. If you would like a VAT receipt please tick (our VAT number is GB 689 9499 27)

Any queries?

Tel 01923 664800 or email events@bre.co.uk

– Confirmation of this order will be sent by email, please ensure your address is correct.

– We hold your details in accordance with the Data Protection Act. Occasionally we will send you information on BRE related events, publications and services. If you do not wish to receive this information, please tick this box

For further information about BRE's airtightness and environmental services:

BRE

Garston

Watford

WD25 9XX

T +44 (0) 1923 664500

F +44 (0) 1923 664097

E enquiries@bre.co.uk

W www.bre.co.uk

bre

