

# AECB CarbonLite Professional Development Programme

## Training Courses for Low Energy Building Design to AECB Standards

Organised by:



### Understanding the Passivhaus standard, principles and methodologies

This course is aimed at the design team who are working towards AECB or Passivhaus Design Standards. It introduces the principles behind the Passivhaus Planning package (PHPP) so that designers understand how this low energy design software will analyse their designs to a more stringent level that is currently done in the UK. Armed with this knowledge, designers and clients will be better equipped to maximise their chance of success in providing low energy buildings – and having them certified.

**AECB Members:** £249 | **Non-members:** £299

Includes lunch and mid session refreshments. Prices subject to VAT at prevailing UK rate.

### DATES AND LOCATIONS

New Continental Hotel,  
Plymouth

**27 September 2010**

Trainer: Peter Warm



### Using the Passivhaus Planning Package (PHPP) to design low energy buildings

This practical hands-on course will provide energy consultants, technical building designers and architects with the skills necessary to achieve low energy and CO<sub>2</sub> standards using the Passivhaus Planning Package (PHPP). Delegates require a working knowledge of MS Excel, the ability to read building plans and some knowledge of typical UK construction methods. Delegates will need to bring a laptop with a copy of the PHPP software (available from [www.aecb.net](http://www.aecb.net)) pre-loaded prior to the course.

**AECB Members:** £499 | **Non-members:** £599

Includes lunch and mid session refreshments. Prices subject to VAT at prevailing UK rate.

### DATES AND LOCATIONS

New Continental Hotel,  
Plymouth

**28 & 29 September 2010**

Trainer: Peter Warm



### Thermal bridging

This practical hands-on course will provide energy consultants, technical building designers and architects with the skills necessary to minimise the effect of thermal bridging when designing low energy and CO<sub>2</sub> buildings to AECB standards. The course uses the conventions from the Passivhaus Planning Package (PHPP) from the German Passivhaus Institut, but also shows how to derive psi values for SAP calculations. Delegates require some previous knowledge of calculating heat loss from buildings (including knowing what a psi value is), a working knowledge of MS Excel and the ability to read building plans and knowledge of typical UK construction methods. Delegates will need to bring a laptop and are requested to pre-load a copy of the free software Therm 5.2 and the associated manuals.

**AECB Members:** £249 | **Non-members:** £299

Includes lunch and mid session refreshments. Prices subject to VAT at prevailing UK rate.

### DATES AND LOCATIONS

New Continental Hotel,  
Plymouth

**30 September 2010**

Trainer: Peter Warm

**JOIN THE AECB TO SAVE MONEY ON CARBONLITE TRAINING COURSES**

Book online at [www.carbonlite.org.uk/carbonlite/training.php](http://www.carbonlite.org.uk/carbonlite/training.php)

**BOOKINGS AND ENQUIRIES**

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