

Sustainable Materials Masterclass Day **Thursday 5 November 2009 (10.30am -17.00pm)**

This is an opportunity to get the very latest information from expert speakers on the most efficient and effective sustainable materials and construction methods. This Masterclass is intended to showcase solutions to delivering truly sustainable buildings and will be of benefit to practitioners across the sector.

Howard Liddell, author of Eco-Minimalism, the antidote to eco-bling, is our guest speaker. Howard is Director of Gaia Architects and is recognised as one of the leading ecological design architects in Europe. His expertise in building biology, ecological design, sustainable development, masterplanning and community architecture ranges from practice to research. Howard favours a holistic and considered approach to building technology in support of ecological, affordable sustainable architecture for everyone.

Howard's talk will be followed by lunch and then afternoon workshops and presentations around the following themes:

- Clay Block Walling Systems - Monolithic construction method with high thermal and moisture mass
- Carbon Negative Walling System - An introduction to hemp-based, carbon negative wall construction
- Airtightness and Moisture Management - Understanding and managing airtightness for maximum energy efficiency and how to manage moisture in airtight construction.
- Solar Technologies - An introduction to Solar Thermal and Solar PV including 'Building Integrated PV' which can allow PV to be used as a design feature
- Solar Lighting - An introduction to solar lighting systems that can bring daylight into buildings instead of traditional lighting

Venue: Fazeley Street Studios, 191 Fazeley Street, Birmingham, B5 5SE

Fees: £50 for RIBA members. £70 for non-members. Student members £20. (All prices are excluding VAT)

Booking: Please call the Regional Office on 0121 233 2321 to reserve your place or e-mail riba.westmidlands@inst.riba.org

This event is supported by 