

# Energy Technologies Building



Project Energy Technologies Building (ETB)

Product AshTech™, AshFab™, AshFix™

Location Nottingham University Innovation  
Park, Jubilee Campus

Architect Maber

Main Contractor Clegg Construction

Installer Hickton Construction Ltd

Sector Education

# Energy Technologies Building (ETB)

The new Energy Technologies Building (ETB) at Nottingham University's Innovation Park on the Jubilee Campus features an exceptional application of AshTech™ rainscreen cladding by Ash & Lacy.

With a BREEAM "Outstanding" rating, ETB is a new showcase low carbon building, leading the way towards meeting the Government's target for all new public buildings to be 'zero carbon' by 2018.

The building is dedicated to research, development and demonstration (RD&D) in sustainable energy technologies. It incorporates energy efficient materials and is designed to minimise its demands for heating, cooling, lighting and ventilation. It actually produces more energy than it requires, heating the neighbouring Institute of Mental Health Building.

ETB comprises office, event and exhibition space to house staff, hold workshops and information events and showcase the building and its facilities. Equipped laboratory space enables a variety of energy RD&D activities. There is also a Prototyping Hall and an external compound for constructing and testing full scale prototypes of façades and building fabrics.

Approximately 1000m<sup>2</sup> of AshTech™ was specified on the building's two main elevations in the Freedom 1 configuration. Freedom 1 is a concealed-fix, baffle-jointed cassette rainscreen with a fully adjustable support system, primarily used for horizontal application on walls and for soffits.

Designed to fit in with the high tech building design and to appear to exude their own energy, the AshTech™ panels have been manufactured in Alucobond Spectra Sacura ACM finish. This provides a quite stunning two-tone iridescent effect that shows ever changing hues of pink and silver that constantly vary as the angle of view or illumination changes.

Ash & Lacy also supplied AshFab™ flashings, cill and window integration detailing and AshFix™ fixings to complete a precise, seamless and prestigious overall façade effect.

**About the Energy Technologies Building:** The Energy Technologies Building project is part financed by the European Regional Development Fund Programme 2007 to 2013. The Department for Communities and Local Government is the managing authority for the European Regional Development Fund Programme, which is one of the funds established by the European Commission to help local areas stimulate their economic development by investing in projects which will support local businesses and create jobs. For more information, visit [www.communities.gov.uk/erdf](http://www.communities.gov.uk/erdf).

The Energy Technologies Building is part of the Accelerating A Low Carbon Economy Project which is part financed by the East Midlands 2007-1013 ERDF Competitiveness Programme.

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