NEW LOW CARBON BUILDING LEADS THE WAY

ASH & LACY BUILDING SYSTEMS LIMITED

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 Building Systems.

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.

The 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 1000m2 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 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.

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