

AcerMetric - Discovering offsite TOUR

Date: 21 September 2010

Venue: AcerMetric
64 The Waterhouse Business Centre
Cromar Way
Chelmsford, Essex
CM1 2QE

Host: David Appleford

Description of the Tour

AcerMetric Ltd have developed a unique patented Elemental Building Construction System which is erected in its entirety (including windows and doors) using one simple hand-tool, and consists of rotationally symmetrical lugged panelised elements that interlock together in three-dimensional planes to form a strong, precision, fire-resistant superstructure.

Patented beams and columns can be clamped in position along the interface seams to construct multi-storey and large span buildings that are completely pre-tensioned throughout to withstand damage by natural disasters such as earthquakes, landslip, wind or flooding.

Although the superstructure alone can be used to create robust housing eminently suitable for emergency, recovery and developing world accommodation, additional internal and external cladding can also be clamped to the superstructure, to produce energy-efficient accommodation that meets stringent Western standard certification requirements.

Any shape, style or size of building, both temporary and/or permanent, can be constructed in a matter of hours or a few days by three to five people, depending on size and complexity. No construction trade experience is required and a day's training is all that is required to familiarise local or licensed installation personnel.

The rationale behind the AcerMetric approach is that housing should be built to the same exacting standards and cost-effectiveness as cars, utilising precision offsite production methods, but still giving architectural choice of style to the dweller.

Attendees will be able to visit the three bedroom, five person prototype house we have built on site to experience for themselves this unique and innovative system.

The Programme

9.30 am - 10.00 am

Arrive + Refreshments

10.00 am - 10.15 am

Introduction by Richard Ogden

10.15 am - 11.45 am

Presentation by David Appleford

11.45 am - 12.30 pm

Visit to Prototype House

12.30 pm - 1.30 pm

Buffet Lunch + Question Time

1.45 pm

Depart