

## Danbury Mission Evangelical Church: Credit M14, Publication of Building Information

For over a decade, BRE's Environmental Assessment Method (BREEAM) has been used to assess the environmental performance of both new and existing buildings. It is regarded by the UK's construction and property sectors as the measure of best practice in environmental design and management. Through improving the quality of the UK's building stock BREEAM works to minimise the adverse effects of buildings on the global and local environments while promoting a healthy and comfortable indoor environment.

BREEAM assesses the performance of buildings in the following areas:

- Management: overall management policy, commissioning site management and procedural issues
- Health and well-being: indoor and external issues affecting health and well-being
- Energy use: operational energy and carbon dioxide (CO<sub>2</sub>) issues
- Transport: transport-related CO<sub>2</sub> and location-related factors • Water: consumption and water efficiency
- Materials: environmental implication of building materials, including life-cycle impacts
- Land use: green field and brown field sites
- Ecology: ecological value conservation and enhancement of the site
- Pollution: air and water pollution issues

By considering these issues at the earliest opportunity developers and designers are able to maximize their chances of achieving a high BREEAM rating. Credits are awarded in each area according to performance. A set of environmental weightings then enables the credits to be added together to produce a single overall score. The building is then rated on a scale of PASS (25%), GOOD (40%), VERY GOOD (55%) or EXCELLENT (>70%), and a certificate awarded that can be displayed in the building and used for promotional purposes or as part of an organization's overall environmental statement.

Danbury Mission aim to achieve a 'Good' rating

The following data table relates to the BREEAM evidence section and gives key information on the build.

Brief description of project & building	The project comprises the partial demolition of existing church building and construction of new building with ancillary car parking and enclosure of external courtyard.
BREEAM rating	tbc
BREEAM score	tbc
Alts as total percentage of floor area	tbc
New build as total percentage of floor area	tbc
Contract sum	tbc
Basic building cost	tbc
Services cost	tbc
External works cost	tbc
Gross floor area	tbc
Total area of site (hectares)	tbc
Function areas and their size	tbc
Area of circulation	tbc
Area of storage	tbc

% area of grounds to be used by community	tbc
% area of buildings to be used by community	tbc
Predicted electricity consumption (kWh/m2)	tbc
Predicted fossil fuel consumption (kWh/m2)	tbc
Predicted renewable fuel consumption (kWh/m2)	tbc
Predicted water use m3/person/year	tbc
% predicted water use to be provided by rainwater or greywater	tbc
Steps taken during the construction process to reduce environmental impacts. ie Innovative construction management techniques	tbc
A list of any social or economically sustainable measures achieved/piloted	tbc

*Sorry - detailed information on Breeam is not being made available on the website. For further information please contact Tim Green via the [Church Office](#).*