

## PRIVATE HOUSE

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**Client:** Baufritz (UK) Ltd  
**Location:** Leighton Buzzard, Bedfordshire  
**Size:** 400 m<sup>2</sup>  
**Completion:** Summer 2009

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This is a new detached two-storey domestic dwelling with largely open plan living space on the ground floor. A basement will provide room for a plant room and general storage, and the first floor comprises bedrooms and bathrooms and a small sitting area. A second floor within the roof space provides extra bedroom accommodation.

External walls will be rendered and timber-clad.

This is an eco-friendly, low energy house, constructed by the German company Baufritz, using off-site prefabrication of closed wall and roof panels, which are erected within a 24 hour period. All materials used are natural and free of toxic content. Thermal insulation values are roughly twice current UK standards. Typically, the construction of Baufritz houses is carbon-positive, saving approximately 60 tonnes of carbon each.



*Construction under way*



*Perspective View, front*