

A construction worker wearing a white hard hat with a 'CORNERSTONE' logo, a yellow high-visibility safety vest over a blue long-sleeved shirt, and black gloves. He is leaning forward, working on a grey concrete wall with a metal tool. The background is a plain wall with some electrical conduits.

New Build Passivhaus Render Project

Client: **Beattie Passive**

Measures: **Render**

Location: **Chediston, Suffolk**

Date: **June 2017**

Value: **£11,000**

CORNERSTONE



INSULATIONS • RENEWABLES • INVESTMENTS



The Challenge

Cornerstone was recommended to Beattie Passive, designer and manufacturer of the UK's first certified Passivhaus build system, for the provision of rendering services on a new build project in Suffolk.

A Beattie Passive timber-framed home had been commissioned by a private client completing a self-build project on a rural site in Chediston, Suffolk.

Render system provider Alumasc recommended Cornerstone on the basis of our proven track record of domestic render application on high specification properties.

Our Solution

Application of the Alumasc render system with carrier board was the final element of the external finish process on this property.

Cornerstone worked with Beattie Passive, who also project managed the end to end construction and finishing process, and a number of other tradespeople to complete our render works within the build schedule. The 214m² of render was applied to the four bedroom detached property over a total of two days.

'We wanted to build a home that would be energy efficient, provide energy security for the future and the best living environment available for our family. We are very much looking forward to finishing our dream home.'

– Mr B, Private self-build client

Facts & Figures

Our client Beattie Passive were winners of the UK Passivhaus Awards 2014 for Cost and Buildability

The Result

Beattie Passive's innovative construction method exceeds existing Passivhaus standards; their high-quality homes requires 90% less heating than those of traditional construction.

The application of the render complemented the Beattie Passive system by contributing a clean and fresh finish, ensuring that the house met both the technical and aesthetic demands of the client.

