

Case Study . . .

St Albans Church, Acton Green

Client

HMDW Architects

Project Location

Acton Green Common, Chiswick, London

Product Details

1000 Sq m of thermafleece NatraHemp



Design and Installation Criteria

With a traditional construction such as St Alban's church, it is essential that breathable materials be used for insulation.

Fitting securely in the available gap in the church rafters, the hemp provides excellent thermal insulation

Project Outline

One of the biggest issues faced by St Alban's church was its poor thermal performance due to lack of insulation. Rory Maguire, partner at Building Contractor's Maguire Brothers, explains: "The church was in dire need of more insulation and our primary job was to improve the U-value by creating what we call in the construction industry a 'cold roof'. The hemp insulation is located between timber rafters and its great insulation properties allow a thin layer to provide a higher U-value whilst also allowing a gap for air flow and ventilation above, thus preventing condensation."

Project Details

Situated within the Acton Green Conservation Area, St Alban's Church is a Victorian red brick building in a prominent position on the northern edge of Acton Green Common in Chiswick, London. Standing derelict for eight years, planning permission to convert the interior of the church into nine residential apartments was sought and ultimately denied in March 2013 following a determined campaign by local people to preserve the church for community use and spiritual life

Benefits

- NatraHemp is a medium density insulation rich in home-grown hemp fibres and is a safe, efficient and durable alternative when plant fibre is the preferred choice.
- Thermafleece NatraHemp fits securely between rafters, joists and studs providing excellent thermal insulation performance.

For further details of the products and support we offer visit our web site www.thermafleece.com or call us on 01768 486285