



Renovation and Refurbishment College and Cherry Tree Cottages

Client:	Neil McKay and Joanna Matthews
Architect:	Neil McKay
Structural Engineer:	Adrienne Anderson
Principal Contractor:	Self Build
Services Engineer:	Ice Energy
Specialist Contractor:	Richard Hart Location: Noke, Oxfordshire
Project Value:	£235,000
Completion Date:	2008

The renovation and extension of two historic Cotswold stone cottages, one of which is grade two listed, presented owner Architect Neil McKay with the opportunity to involve new ideas and materials that are compatible with the traditional lime based construction of the existing buildings.

As an architect with extensive experience of historic buildings and the materials they are made of, the selection of Tradical[®] Hemcrete[®] to be used in the renovation and extension of the cottages was based on its natural material characteristics, anticipated thermal performance and environmental credentials.

The extension building Cherry Cottage is of timber frame construction with concealed treated softwood FSC timber encased in Tradical[®] Hemcrete[®] and with random coursed Cotswold rubble stone external finish to match the existing buildings.

College Cottage renovation includes the use of reclaimed oak timber framing which is exposed internally with a similar wall construction to Cherry. The use of solid wall construction made the project easier

to achieve a much better match between the existing and new constructions and makes it possible to utilise ground source heat pumps to provide heating for the two delightful properties.

Owner and Architect Neil McKay noted "It would have been impossible to match the appearance of the stonework of the original cottages while achieving modern building regulation standards for thermal efficiency without using a solid breathing wall construction made possible with Tradical[®] Hemcrete[®]".

For more information please contact Lime Technology on:

T: 0845 603 1143 F: 0845 634 1560
 E: info@limetechnology.co.uk
 w: www.limetechnology.co.uk

Lime Technology Limited
 Unit 126, Milton Park
 Abingdon, Oxfordshire OX14 4SA

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