

Case Study...

Whitmuir Organics

Client

Whitmuir Farm

Project Location

Lamancha, West Linton, Nr Edinburgh.

Product Details

Thermafleece – sheep's wool insulation slabs installed in walls and between roof rafters in a warm roof.

Project Outline

Whitmuir Organics is an independent organic farm located in the Scottish Borders. The project involved constructing a highly sustainable new building to replace the existing shop at Whitmuir Farm which was being turned into a bakery.

Design and Installation Criteria

- Insulation to be sustainable and sympathetic with a timber frame construction.
- Ability to deliver high levels of thermal insulation and breathability.

Project Details

Whitmuir Organics produces and sells organic meat, vegetables and groceries. With a significant following and strong support for its ecological credentials, expanding the farm to incorporate a café and gallery to showcase Scottish 'art of the environment' was a natural progression but the owners Peter Richie and Heather Anderson were keen to get it right.

It was crucial to the owners that the new building should reflect the ethos of Whitmuir Organics in composition as well as function. They were strongly involved with a local scheme encouraging the use of wool as an insulating material, not only for its thermal performance but also because it particularly suited the stone houses in their area (as it helps control humidity levels to prevent condensation). For them, Thermafleece was the obvious choice.

Thermafleece sheep's wool was used in the walls of the new building and in the roof. As well as sheep's wool insulation, the new Whitmuir Organics building also boasted eco technologies including a wind turbine, low impact concrete and PV panels for generating electricity.

Such were the building's green credentials that the company's new café, shop and gallery received funding from the Scotland Rural Development programme.

Benefits

- Substantial energy savings and low carbon footprint within the fabric of the building.
- Breathability of the insulation contributed to healthier indoor environment.

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

