



Second Nature UK Ltd

BUILDING ON WHAT COMES NATURALLY

Environmental and Sustainable Building Insulation

Second Nature UK Ltd is one of Cumbria's true business treasures, supplying environmentally friendly and sustainable insulation for buildings. Their products can be used in a wide variety of roof, wall and floor constructions. From home loft insulation to large-scale public sector buildings, Second Nature UK offers environmentally responsible insulation building solutions.

Based near Penrith in Cumbria, **Second Nature UK** began in 2001 with the launch of **Thermafleece**, the first sheep's wool insulation to be **manufactured in the UK using wool from British hill sheep**. In 2002 **Thermafleece** gained British Board of Agrément (BBA) approval for use in loft, sarking and timber frame wall applications. To celebrate this fundamental step for **Thermafleece**, the company hosted a reception at The House of Commons, with Guest Speaker, the Writer and Broadcaster, Chris Baines.

Thermafleece has become renowned as one of the leading brands of sustainable insulation for its environmental credentials and superior technical abilities. Furthermore, minimising impacts on the environment is at the very heart of Second Nature's philosophy and mission for the whole of their business.

In 2004 the Company was awarded **The Queen's Award for Enterprise - Sustainable Development**. This was a tremendous accolade, and a very proud moment when members of the Second Nature UK team received the Award personally from Her Majesty The Queen.

The experience and knowledge of breathable building techniques is enabling the Company to expand to create a range of sustainable building insulation solutions.



The Second Nature UK Team in 2004 celebrating achieving The Queen's Award for Enterprise



In 2008 Second Nature UK will launch a new product **Bubbleboard**. Like **Thermafleece**, this will be based on natural resources, offering customers greener alternatives to conventional insulation materials in the market place.

Second Nature UK prides itself on its efficiency of service to provide more natural insulation products commercially and efficiently through a network of merchants throughout the UK.



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More information on Thermafleece

Thermafleece is a **highly thermally efficient** insulation and is the only British wool insulation to be BBA certified - (02/3950). Meaning that it complies totally with Building Regulations, in between joists in ventilated and unventilated lofts; under pitched roofs and between rafters for tiled or slated pitched roofs, as well as timber frame wall applications between studding with a weather resistant cladding, and a ventilated and drained cavity.

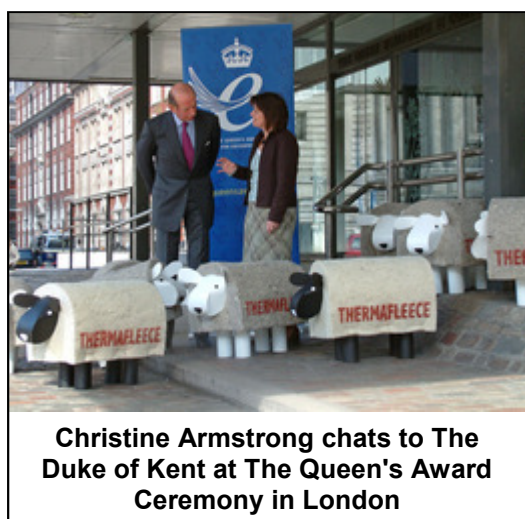
Thermafleece is made using the wools from sheep that graze the upland areas of the UK, breeds such as **Swaledale**, **Herdwick**, **Scotch Blackface** and **Welsh Mountain** to create an exceptionally efficient thermal and acoustic building insulation.

Second Nature UK manufacture Thermafleece in Yorkshire, the heart of the woollen and textile industry. The company aims to stimulate the rural economy by adding value to British wool, a natural fibre from a fully renewable resource and an incredibly efficient and versatile raw material.

For more information and installation instructions you can see the **Thermafleece Movie** on the Second Nature UK website.

Manufactured to a density of 25kg/m³ giving a thermal conductivity or K value of 0.039 W/mK, Thermafleece is sold in three thicknesses, 50mm, 75mm and 100 mm, which can be layered to achieve your required depth, and two widths or 'centres' of 400 or 600 mm.

Thermafleece gained Energy Savings Recommended Approval from the Energy Saving Trust in 2007. Recommended products have to adhere to strict criteria, which are independently tested, to ensure that people can be confident that the product they are buying meets the very highest standards in energy efficiency.



Christine Armstrong chats to The Duke of Kent at The Queen's Award Ceremony in London

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