

Factsheet



SupaSoft insulation offers a safe, sustainable and cost-effective way to insulate your loft.










SupaSoft insulation contains 100% recycled polyester and is made almost entirely from recycled plastic bottles.

SupaSoft insulation contains no harmful chemicals or binders and is completely safe to handle

SupaSoft insulation is long-lasting and safe to handle. What's more, energy savings mean the insulation pays for itself in a just a few years

SupaSoft insulation can be used to insulate between and over rafters or simply laid on top of existing insulation to improve overall insulation performance.

Key Information

-  Width (mm) – 390, 590
-  Vapour open
-  Thickness (mm) – 50, 100
-  Thermal conductivity – 0.040 W/mK
-  Sound absorption – NRC 1.00 @ 100mm
-  Recyclable
-  Manufactured to ISO 9001 & 14001
-  Made in the UK
-  Contains recycled materials – >95%

Best For

- Floors – All levels
- Lofts – Cold roofs
- Warm Roofs – Pitched roof or attic conversions
- Walls – Timber frame & solid (internal)

Why Insulate with SupaSoft insulation?

Insulating a property will significantly reduce the amount of energy lost from the building envelope, reducing energy consumption and carbon dioxide released to the atmosphere.

Affordable

Insulating with SupaSoft insulation is a very cost-effective alternative to glass or other mineral insulation. What's more, the energy it saves means SupaSoft insulation quickly pays for itself.

Long Lasting

SupaSoft insulation contains a lofting agent to maintain durability and is designed to last the life of the building in which it is installed.

Quality Assured

SupaSoft insulation is manufactured and supplied in accordance with ISO 9001 quality management systems.

Sustainable

SupaSoft insulation can reduce CO₂ emissions by many tonnes over the lifetime of use. What's more, SupaSoft insulation is made from recycled plastic bottles and has a recycled content of more than 95%.

Vapour Open

SupaSoft insulation is an open non-woven material that allows water vapour to pass through the insulation.

Safe

SupaSoft insulation is safe to handle and can be recycled or safely disposed of at the end of its life.

Specifications

Performance

- Dimensional Stability to EN 1604 – Pass
- Fire Classification – EuroClass E
- Flammability & Smoulder Resistance (BS 5803-4) - Pass
- Manufactured to ISO 9001 & 14001
- Recoverability and Thickness (EN 823) - Pass
- Recyclable
- Recycled Content – >95%
- Sound Reduction - $R_w = 40\text{dB}$
- Specific Heat Capacity - $1000 \text{ Jkg}^{-1}\text{K}^{-1}$

Eden Renewable Innovations Ltd, Soulands Gate, Dacre, Penrith, Cumbria, CA11 0JF

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SUPASOFT

INSULATION

- Thermal Conductivity - $0.040 \text{ Wm}^{-1}\text{K}^{-1}$
- Vapour Resistivity - $5 \text{ MN}\cdot\text{s}\cdot\text{g}^{-1}\text{m}^{-1}$
- Water Absorption (@100% RH) – 0% w/w

Climate Impact

	Cradle to Gate	Product Lifecycle	Product Carbon Footprint
Standard	EN15804	EN15804	*PAS 2050
Stage	A1-A3	A1-C4	60 year service life
Units	1.27 kg CO _{2e}	1.28 kg CO _{2e}	1.29 kg CO _{2e}

*Greenhouse gas emission calculated by Eden Renewable Innovations Ltd in accordance with PAS 2050, self declared

**Functional unit: 1 m² R 1m²K/W

Sizes

- **Thicknesses (mm)** – 50, 100
- **Widths (mm)** – 390, 590
- **Roll Lengths** – 10.00m (50mm), 5.00m (100mm)

R-Values

Thickness mm (tolerance +/- 5mm)	Thermal Resistance Km ² W
50	1.25
100	2.5
150	3.75
200	5
250	6.25
300	7.5

Installation and Handling

SupaSoft insulation is harmless and can be installed without gloves or protective clothing, although we recommend you wear a dust mask in enclosed spaces such as lofts.

SupaSoft insulation can be used in conjunction with a vapour permeable membrane to retain the benefits of vapour permeability.

For accurate cutting, tightly compress or clamp the insulation between two pieces of solid 15mm board. Overhang the slab where you want to cut, keeping the two board edges aligned. Cut the edge with a scalloped edged knife and keep the blade firm and square against both board edges throughout.

Technical Support

We offer a comprehensive support to meet all your technical requirements including:

- For technical advice call **01768 486285**
- On-site and off-site support throughout the design and build process
- Advice on meeting current regulations including Building Regulations
- U-value and condensation risk analysis
- Advice on environmental impact
- Application guidance notes, comprehensive product data

Where to Buy

Our products are available through a wide network of merchants and distributors. To find out more visit our web site www.supasoftinsulation.com or call us on 01768 486285.

For technical advice call us on **01768 486285** or email enquiries@supasoftinsulation.com.



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