

## All the facts...

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 Facts

- ➔ Width (mm) – 390, 590
- ! Thickness (mm) – 50 & 100
- 🌀 Thermal conductivity – 0.040 W/mK
- ⊕ Vapour open
- 🇬🇧 Made in the UK
- ♻️ >95% recycled content
- 🏭 Manufactured to ISO 9001 & 14001
- ♻️ Can be recycled

### Standards

- Manufactured to ISO 9001

### Environmental

- GWP (A1-A3) total: 1.27 kgCO<sub>2</sub>e R1
- Recycled Content: >95%
- Recyclable: Yes
- EPD registration no. S-P-04469
- EPD valid to 31/10/26

### Applications

- Roofs – Loft
- Floors – All levels
- Other – can be used in walls and between rafters

### 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 CO<sub>2</sub> 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.

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## Specifications

### Performance

- Thermal Conductivity:  $0.040 \text{ Wm}^{-1}\text{K}^{-1}$
- Water Absorption (@100% RH): 0% w/w
- Specific Heat Capacity:  $1000 \text{ Jkg}^{-1}\text{K}^{-1}$
- Vapour Resistivity:  $5 \text{ MN}\cdot\text{s}\cdot\text{g}^{-1}\text{m}^{-1}$
- EN11925-2 Reaction to Fire: Pass
- Fire Classification: EuroClass E
- Flammability to BS 5803-4: Pass
- Smoulder resistance to BS 5803-4: Pass
- Dimensional stability to EN 1604: Pass
- Can be used to achieve airborne sound reduction of  $R_w$  40dB.

### Sizes

- **Thickness** – 50 & 100 mm
- **Width** – 390 & 590 mm
- **Roll Lengths** – 10.00m (50mm), 5.00m (100mm)

### R-Values

Thickness mm (tolerance +/- 5mm)	Thermal Resistance $\text{Km}^2\text{W}$
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

### 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



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