

All the facts...

Supaloft offers a safe, sustainable and cost effective way to insulate your loft.

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

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

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

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

Key Facts

-  Width (mm) – 370, 570
-  Thickness (mm) – 100 & 150
-  Thermal conductivity – 0.040 W/mK
-  Vapour open
-  Made in the UK
-  >95% recycled content
-  Manufactured to ISO 9001 & 14001
-  Can be recycled

Applications

- Roofs – Loft
- Floors – All levels
- Other – can be used in walls and between rafters
- Acoustic – Walls, floors & roofs

Why Insulate with Supaloft?

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

Long Lasting

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

Quality Assured

Supaloft is manufactured and supplied in accordance with ISO 9001 quality and ISO 14001 environmental management systems.

Sustainable

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

Vapour Open

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

Safe

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

Specifications

Performance

- Thermal Conductivity: 0.040 Wm⁻¹K⁻¹
- Density: 13 kgm⁻³
- Water Absorption (@100% RH): 0% w/w
- Specific Heat Capacity: 1000 Jkg⁻¹K⁻¹
- Vapour Resistivity: 5 MN·s·g⁻¹m⁻¹
- Ignition Point: >500°C
- Flammability to BS 5803-4: Pass

All the facts...

- Smoulder resistance to BS 5803-4: Pass
- Recoverability and thickness, EN 823: Pass
- Dimensional stability to EN 1604: Pass
- Can be used to achieve airborne sound reduction of $R_w = 40\text{dB}$.

Standards

- Manufactured to ISO 9001 & 14001

Environmental

- GWP (Cradle to Gate): $<5 \text{ kgCO}_2\text{e}$
- Recycled Content: $>95\%$
- Recyclable: Yes

Sizes

- **Thickness** – 100 & 150 mm
- **Width** – 370 & 570 mm
- **Roll Lengths** – 6.5m (100mm), 4.3m (150mm)

R-Values

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

Installation and Handling

Supaloft 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.

Supaloft 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 and reports.