

# Technical Data...

PRODUCT DESIGNATION:	PRODUCT COMPOSITION / CONSTRUCTION:
Thermafleece CosyWool	Sheep's wool-based thermal and acoustic insulation for wall, floor and roof applications.

PROPERTY	METHOD	VALUE
Resistance to Flammability	BS 5803, Pt 4	Pass
Smoulder Resistance	BS 5803, Pt 4	Pass
Ignition Point	Oven Test	560°C
Resistance to Mould	CUAP Veg. Fibre 2002-01-25	Pass
Moth / Beetle Proofing	ISO 3998	Pass
Thermal Conductivity	BS EN 12667	0.039 Wm <sup>-1</sup> K <sup>-1</sup>
Recoverability and Thickness	EN 823	Pass
Dimensional Stability	EN 1604	Pass
Short Term Water Absorption	EN 1609 method A	Pass
Water Absorption (@100% RH)	In-house	30% w/w
Specific Heat Capacity	Calculated	1800 Jkg <sup>-1</sup> K <sup>-1</sup>
Vapour Resistivity	EN 12086	9 MNsg <sup>-1</sup> m <sup>-1</sup>
Embodied Energy (net)	ISO 14040	7 MJkg <sup>-1</sup>
Global Warming Potential	ISO 14040	-0.2 kgCO <sub>2e</sub>
Thickness	Standard spec.	50,75,100,140,150 mm
Colour	Standard spec.	Mixed grey
Physical Form	Standard spec.	Fibrous Roll or Slab

## STANDARDS & CERTIFICATION

Manufactured in accordance with:

- ISO 9001
- ISO 14001