



IndiNature®

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# IndiTherm®

**Carbon negative and vapour breathable flexible insulation batts made with UK industrial hemp.**

- Soft to touch for installers.
- Large net negative embodied carbon savings.
- Exceptional vapour transport – keeping buildings dry. Ideal for traditional retrofits.
- Warm in winter, cool in summer. Indoor temperatures and humidity stay comfortably even because IndiTherm® naturally regulates both.
- Durability tested.
- Exceptional rigidity resists slumping.

## Storage and handling

Keep dry during storage and delivery.  
Pallets must not be stacked.

## Installation

Refer to installation guide for recommendations. Friction fit between structural framing or against masonry. Best cut with wave form insulation blades – available as handsaws or powered dual-blade reciprocating saws. Keep saws sharp. Ensure continuous airflow under suspended floors and from eaves in rafter installs and 50mm air gaps to sarking. Our team is happy to advise.

## Environmental impacts

IndiTherm® has a net storage of carbon. It also reduces waste because it can be reused or reprocessed into new material at end of life.



## Available formats\*

Dimensions (mm)	Thicknesses (mm)
370 x 1200	20, 30, 50, 70, 80, 100, 140mm
440 x 1200	20, 30, 50, 70, 80, 100, 140mm
570 x 1200	20, 30, 50, 70, 80, 100, 140mm

\*Other sizes may be available on request.

## Technical data

Thermal Conductivity $\lambda$	0.039 W/m.K
Bulk Density $\rho$	45 kg/m <sup>3</sup>
Specific Heat Capacity C	2100 J/(kgK)
Vapour Diffusion Resistance $\mu$	1.3
Sound Reduction	Min 40dB (50mm+)
Reaction to Fire	E - BS EN 13501-1:2018 PASS
Carbon (net negative)	-0.70 kgCO <sub>2</sub> eq/kg

### Manufactured by Industrial Nature UK Ltd

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Company No.: SC655203 sales.uk@indinature.co / 01835 867 070  
Available from natural fibre insulation distributors: [www.indinature.co](http://www.indinature.co)  
INUK5SMD\_007\_2405\_IndiTherm\_DataSheet. Details subject to change.

