

# IndiTherm®

**Healthy, carbon negative and vapour breathable flexible insulation batts made with UK-grown industrial hemp.**

- Made with UK grown industrial hemp.
- Healthy and soft to touch for installers.
- Large net negative embodied carbon savings.
- Exceptional vapour transport - keeping buildings dry and healthy. Ideal for traditional retrofits.
- Warm in winter, cool in summer. Indoor temperatures and humidity stay comfortably even because IndiTherm® naturally regulates both.
- Healthy indoor air quality.
- Durability tested under extreme conditions.
- 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 IndiNature insulation saws or powered dual-blade reciprocating saws. Ensure continuous airflow from eaves in rafter installs and 50mm air gaps to sarking. Further details on request.

## Environmental impacts

IndiTherm® has a net storage of carbon. It reduces waste because it can be reused at end of life or offcuts can be shredded and made into more of the same product.



## Available formats\*

| Dimensions (mm) | Thicknesses (mm) |
|-----------------|------------------|
| 370 x 1200      | 50, 80, 100, 140 |
| 440 x 1200      | 50, 80, 100, 140 |
| 570 x 1200      | 50, 80, 100, 140 |

## Technical data

|                                       |                               |
|---------------------------------------|-------------------------------|
| Thermal conductivity $\lambda$        | 0.039 W/m.K                   |
| Bulk density $\rho$                   | 45 kg/m <sup>3</sup>          |
| Specific heat capacity $c$            | 2371 J/(kgK)                  |
| Vapour diffusion resistance $\mu$     | 1.3                           |
| Sound reduction                       | Min 40dB (50mm+)              |
| Reaction to fire                      | B*                            |
| Carbon (net negative) incl. biogenic  | -0.82 kgCO <sub>2</sub> eq/kg |
| Carbon (net negative) insulation only | -0.50 kgCO <sub>2</sub> eq/kg |

\*When used in accordance with BBA certificate 23/7060.