



IndiNature®

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IndiBreathe® FLEX

For a breathable thermal envelope, vapour open flexible insulation batts made with UK industrial hemp & recycled jute.

- Exceptional vapour transport and moisture management – keeping buildings dry and preserving building fabric.
- Circular by design, with recycled content and can be reprocessed at the end of life.
- Reduce embodied & operational carbon emissions.
- Light and soft to touch for installers.
- Durable and with rigidity to resist slumping.
- Warm in winter, cool in summer – indoor temperatures and humidity stay comfortably even.

Storage and handling

Product must be kept dry during storage and delivery. Pallets must not be stacked.

Installation

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 blades sharp. Only install in dry spaces. Ensure continuous airflow under suspended floors, through eaves and min 50mm air gaps under sarking. Refer to Install Guide.

Environmental impacts

IndiBreathe Flex has a net storage of carbon. It reduces waste because it can be reused or reprocessed at end of life, and is made with renewable resources from industrial hemp blended with recycled materials from reprocessed coffee sacks and hessian jute fibres.



Available formats*

Dimensions (mm)	Thicknesses (mm)
370 x 1,200	40, 60, 80, 100, 140
570 x 1,200	40, 60, 80, 100, 140

*Other sizes may be available on request.

Technical data

Thermal Conductivity λ (W/m.K)	0.039, 20-100mm 0.042, 120-140mm
Density ρ	34 kg/m ³
Specific Heat Capacity C	2370 J/(kgK)
Vapour Diffusion Resistance μ	1.3
Reaction to Fire	E – PASS
Carbon (A1-3 LCA 2024)	-0.51 kgCO ₂ eq/kg
Sound Reduction	Min 41dB (50mm+)
Sound Absorption	Class C (40mm) – Class A (100mm)

Manufactured by Industrial Nature UK Ltd

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Available from natural fibre insulation distributors: Ecological Building Systems.
INUK5SMD_007_2411_IndiBreatheFlex_DataSheet. Details subject to change.



For over 20 years, Ecological Building Systems has been at the forefront of environmental and sustainable building products supplying a range of innovative airtightness solutions and natural insulations backed up with expert technical support.

As product suppliers in the UK and Ireland, we're happy to assist you with your projects and have expert technical and sales advice on hand.



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