

# IndiTherm® i-joint BackerBlock

**Carbon negative, vapour breathable  
& bio-based UK hemp flexible insulation**

- IndiTherm - cut to size for easy fitting with i-joists
- Healthy and soft to touch for installers – save time & energy
- Made with UK grown industrial hemp.
- Net negative embodied carbon savings.
- Exceptional vapour transport - keeping buildings dry and healthy.
- Warm in winter, cool in summer. Indoor temperatures and humidity stay comfortably even.
- Healthy indoor air quality.
- Durability tested under extreme conditions.

## Storage and handling

Keep dry during storage and delivery.

Pallets must not be stacked.

## Installation

Refer to installation guide & BBA Product Sheet 23/7060 - 3 for recommendations. Friction fit between i-beams timber flanges.

Cut to size for easy fitting. If needed, best cut with 'wavy' insulation blades – available as handsaws or powered dual-blade reciprocating saws. Our team is happy to advise.

## Environmental impacts

IndiTherm cut specifically to form i-jointBackerBlocks has a net storage of carbon (2019, cradle to gate LCA). 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.

### Industrial Nature UK Ltd

IndiNature Mill, Oxnam Rd, Jedburgh, Scottish Borders, TD8 6NN  
Company No.: SC655203 Available now: [www.indinature.co](http://www.indinature.co)  
Specification sales: [sales.uk@indinature.co](mailto:sales.uk@indinature.co) / 01835 867 070  
INUK5SMD\_007\_2402\_DataSheet\_IndiTherm\_i-jointBackerBlock  
Technical Details subject to change.



## Available formats\*

Dimensions (mm)	Thicknesses (mm)
70mm x 1200mm	20mm, 30mm
105mm x 1200mm	20mm, 30mm
110mm x 1200mm	20mm, 30mm
155mm x 1200mm	20mm, 30mm
210mm x 1200mm	20mm, 30mm

\*other sizes may be available on request. BBA Certification applies to 30mm thickness from January 2024, and is expected on all thicknesses by March 2024.

## Technical data

Thermal Conductivity $\lambda$	0.040W/m.K
Bulk Density $\rho$	45kg/m <sup>3</sup>
Specific Heat Capacity C	2100 J/(kgK)
Vapour Diffusion Resistance $\mu$	1.3
Reaction to Fire	Euroclass E, s1, 0
Carbon (net negative)	-0.70 kgCO <sub>2</sub> eq/kg

