



IndiTherm®

DECLARATION OF PERFORMANCE

Document No. INUK-RD-FR-009-12122023

1. Unique identification code of the product-type:
IndiTherm flexi-batt

2. Intended use:
Thermal insulation for buildings.

3. Manufacturer:
Industrial Nature UK Ltd, t/a IndiNature
Oxnam Road
Jedburgh, Scottish Borders
TD8 6NN, UK

4. Authorised representative
N/A

5. System or systems of AVCP (Assessment and Verification of Constancy of Performance):
System 3

6. Designated standard:
UK Assessment Document UKAD 040005-00-1201 : 2015

7. Notified body:
Initial assessment of the building product by the British Board of Agrément, accredited Product Certification Body (No 0113); including accredited lab results, the initial inspection of the manufacturing plant and factory production control.

8. Declared Performance

Essential Characteristic	Performance	Standard
Thermal Conductivity	0.040 W/m.K	BS EN 12667-2001
Dimensional deviation of nominal length and width	Length ± 2.0 % Width ± 1.5 %	BS EN 822: 2013
Dimensional deviation of nominal thickness	Class T4 -3 mm / +5% or +5 mm	BS EN 823: 2013
Dimensional deviation of nominal squareness	5 mm/m	BS EN 824: 2013
Dimensional deviation of nominal flatness	6 mm	BS EN 825: 2013
Bulk Density	45 kg/m ³ ± 5 %	BS EN 1602: 2013
Water vapour transmission	PASS Resistivity 10 MN·s·g ⁻¹ ·m ⁻¹ Permeability (δ) 0.5726 Diffusion resistance factor (μ) 1.3037	BS EN 12086: 2013
Durability: Dimensional stability	PASS, conditioned for 48 h at (70 \pm 2%)°C and (90 \pm 5%) RH	BS EN 1604 : 2013
Determination of compression behaviour	PASS	BS EN 826: 2013
Bioresistance: growth of mould fungus	PASS ≤ 1	BS EN 846: 1997
Reaction to Fire	PASS Reaction to Fire Euroclass: E Smoke Class: s1 (best) Flaming Droplets Class: d0 (none)	BS EN 13501-1: 2018
Random Incidence Sound Absorption Coefficient	50mm α_w 0.65(H) 70mm α_w 0.85(H) 100mm α_w 1.00 140mm α_w 1.00	BS EN ISO 354

9. Declaration

The performance of the product identified above is in conformity with the declared performance. This declaration of performance is issued under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:



Scott Simpson
Executive Director
12 Dec 2023