

Hempwool



AVAILABLE AT THE DONGHIA
MATERIALS LIBRARY

Hempwool insulation has a low carbon footprint, shows excellent insulation values, is hypoallergenic, and due to its ingredients allows for a non-hazardous installation. According to Hempitecture, the mix of 92% hemp fiber and 8% polyester is heated to bond and increase strength. Polyester is petrochemically based and will not biodegrade. Alternatives are other man-made substances, currently. We appreciate this North American-made product and look forward to a healthier option as it evolves. It contains 89% Biobased Content and has been awarded the USDA Certified Biobased Product Label in the BioPreferred® Program.

Note: Hempwool's declare R-value is 3.7/inch. Contains Iodine Complex FR Treatment, however they are exploring biobased options such as from chitosan.



CATEGORY

Insulation / Fibrous, Cellulosic, Granular, Hemp

MANUFACTURER

Hempitecture

MATERIAL COMPOSITION*

INDUSTRIAL HEMP FIBER 25-90%, COTTON 0-65%, POLYESTER - 1-10%,
CHITOSAN ASCORBATE 1-10%, IODINE COMPLEX (PHOSPHATE ESTER OF
ALKYLARYLOXY POLYETHYLENE GLYCOL) 1-10%

**as reported by the manufacturer*

CERTIFICATIONS & DISCLOSURES

- Health Product Declaration (HPD)
- Declare Label
- Environmental Product Declaration (EPD)
- Safety Data Sheet (SDS)
- USDA Certified Biobased Product Label
- Other
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LAST UPDATED

January 13, 2026