TECHNICAL SHEET
NaturHemp™Insulation

Description **NaturHemp™** insulation is a flexible and compressible insulation panel made from hemp.

Characteristics
Thermal and acoustic insulation
Water vapor permeable
Natural resistance to pests
Strong mechanical resistance
Easy to install
Hygrometric regulator
Recoverable and recyclable material
Renewable raw material

Content The cellular structure of this natural fiber, diffusion-open to water vapor, offers hygrometric regulation properties to the building envelope. Breathable, it helps regulate moisture build-up from varying outdoor and indoor temperatures. The interior climate and humidity levels of your rooms are optimized.

Hemp absorbs a large quantity of CO_2 during its growth stage by photosynthesis; it contributes to diminishing greenhouse gases.

Uses *NaturHemp™* is an ideal material to be used for ceiling, wall, and floor insulation. For new buildings or renovation projects.

Installation Measure width of framing cavities to be filled. Add ¾ inch to this measurement to allow installation by compression. Laying the compressed panel is done by manual pressure.

Best cutting tools are an angled grinder, a circular saw, and a long serrated blade.

Installation does not cause skin irritation.

To properly regulate water vapor permeability, install vapor retarder on the "warm side." For optimal breathability, the pro clima DB+ vapor retarder is strongly recommended.

Properties   Density 25 kg / m³

Technical Standards   Thermal conductivity lambda value = 0,040W/m C

Specific heat capacity 1700J/kg*K
Coeff. Vapor resistivity = 1 to 2

Product Sizes   ## R-20 value with ASTM/C-518

Thickness (inches)	Size (inches)	Weight/m² (kg)	Panel/package (ea)	Square Feet/package pi²
5.5"	15.25" - 48"	3.5	8	43
5.5"	23.25" - 48"	3.5	8	64

R-13 value with ASTM/C-518

Thickness (inches)	Size (inches)	Weight/m² (kg)	Panel/package (ea)	Square Feet/package ft²
3.5"	15.25" - 48"	2.2	12	64
3.5"	23.25" - 48"	2.2	12	96

Conditioning   Conditioned by pallets of 4 to 6 packages.
Pallet size 48" X 48" X 96" high.

Storage   Keep in a dry, well-covered area. Do not stack pallets.

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