

TECHNICAL SHEET

AcoustiHemp™ Panel

Description AcoustiHemp™ is a semi-rigid acoustic panel made from hemp.

Characteristics Excellent acoustic sound absorption capacity
Natural resistance to pests
Strong mechanical resistance
Easy to install
Recoverable and recyclable material
Renewable raw material
Hypoallergenic product

Content AcoustiHemp™ panels are made from 90% natural hemp fiber and 10% polyester fiber.

Hemp absorbs a large quantity of CO2 during its growth stage by photosynthesis; it contributes to diminishing greenhouse gases.

Uses AcoustiHemp™ is used for residential and commercial construction for interior partition walls constructed of wood or steel. The product size remains stable once set in place.

Installation Measure width of framing cavities to be filled. Add ¼ 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.

Properties Density 45 kg / m³
Sound absorption coefficient
Based on ASTM/C-423 standards

Thickness	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
1 “	0.52	0.96	1.18	1.07	1.05	1.05	1.05
2 “	?	?	?	?	?	?	?

Product Sizes

Thickness (inches)	Size (inches)	Weight/m ² (kg)	Panel/package (ea)	Square Feet/package ft ²
1"	48" - 48"	2.2	16	256
2"	48" - 48"	3.5	8	128

Conditioning

Conditioned by pallets of 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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