

# Technical information sheet

## Panel AcoustiHemp™

**Description** The panel **AcoustiHemp™** is a panel of semi-stiff sound damping in hemp.

**Characteristics** Panel of excellent sound absorption capacity  
The natural resistance in the harmful (animals).  
Strong mechanical resistance.  
Facilitated by implementation.  
Recoverable, recyclable material.  
Renewable raw material.  
Hypoallergenic product

**Composition** Panels **AcoustiHemp™** consists in natural 90 % of fiber of hemp and 10 % of fiber of polyester.

During it's growth, the hemp, assimilates a big quantity of CO2 by Photosynthesis, it thus contribute to decrease the greenhouse effect.

**The use** **AcoustiHemp™** is used in the residential construction and commercial for the partitions of internal walls wooden amounts or of steel. The dimensions of the product remain stable once installed.

**Implementation** Measure the place of the structures to be filled, in this dimension it is necessary to add. 1/4 of an inch to assure the holding by compression. The installation in compression of the panel will be made by simple manual pressure.

Holding by compression.  
The installation represents no effect on the skin.

**Characteristic** Density 45 kg / m<sup>3</sup>

**Techniques** **Coefficients with frequencies**  
**According to the standard ASTM / C-423**

Épaisseur	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 "	?	?	?	?	?	?	?

## Dimensions

Thickness (inches)	Size (inches)	Weight / m <sup>2</sup> (kg)	Panel / package (each)	Feet <sup>2</sup> / packaging ( ft <sup>2</sup> )
1"	48" - 48"	2,2	16	256
2"	48" - 48"	3.5	8	128

## Conditioning

Conditioned(packaged) by palette of 6 packages.  
Dimension of the palette, 48" X 48" X 96" high.

## Storage

Keep in a dry place and well covered.  
Do not pile palettes.