



# Acoustihemp™

**Semi-stiff sound damping in hemp.**

<b>The use</b>	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..								
<b>Characteristics</b>	<p>Panel of excellent sound absorption capacity</p> <p>The natural resistance in the harmful (animals).</p> <p>Strong mechanical resistance.</p> <p>Facilitated by implementation.</p> <p>Recoverable, recyclable material.</p> <p>Renewable raw material.</p> <p>Hypoallergenic product.</p>								
<b>Composition</b>	<p>Panels <b>AcoustiHemp™</b> consists in natural 90 % of fiber of hemp and 10 % of fiber of polyester.</p> <p>During it's growth, the hemp, assimilates a big quantity of CO2 by Photosynthesis, it thus contribute to decrease the greenhouse effect.</p>								
<b>Implementation</b>	<p>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.</p> <p>The installation in compression of the panel will be made by simple manual pressure.</p> <p>Holding by compression.</p> <p>The installation represents no effect on the skin.</p>								
<b>Density</b>	25 kg / m <sup>3</sup>								
<b>Coefficients frequencies</b> According to the standard ASTM / C-423	with	Thickness	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
		2	0,38	0,51	0,69	0,91	0,69	0,58	0,58
<b>Thickness(inches)</b>	1 / 2								
<b>Size (inches)</b>	15,25x48 / 23,25x48								
<b>Panel / package</b>	16/8								
<b>Feet<sup>2</sup> / packaging</b>	256/128								
<b>Conditioning</b>	Conditioned(packaged) by palette of 6 packages. Dimension of the palette, 48" X 48" X 96" high.								
<b>Storage</b>	Keep in a dry place and well covered. Do not pile palettes								