

# TECHNICAL SHEET

## NaturHemp™ Blocks

<b>Description</b>	<b>NaturHemp™ Block</b> is a masonry block made from raw plant and mineral material.
<b>Characteristics</b>	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 Good fire resistance
<b>Content</b>	Made with a precisely controlled cold casting method, the <b>NaturHemp™ Block</b> is made of hemp hurd and natural hydrated lime.  Hemp absorbs a large quantity of CO <sub>2</sub> during its growth stage by photosynthesis; it contributes to diminishing greenhouse gases.
<b>Uses</b>	<b>NaturHemp™ Block</b> is ideal for residential and commercial use, to build interior partitions as well as exterior walls.
<b>Installation</b>	Apply adhesive directly onto the foundation slab, place the block, adjust position and leveling, and proceed the same way for the following blocks. The blocks are laid with offset joints, with at least one third of the length of the blocks, between 8 and 16 inches.  The blocks can be cut using a reciprocating saw, circular saw, or a dual-bevel miter saw.  Installation does not cause skin irritation.
<b>Properties</b>	Density 350 kg / m <sup>3</sup> Thermal conductivity lambda = 0,0750W/mK Thermal resistance = 1,33 m <sup>2</sup> k/W Specific heat capacity = 1870 j/kgK Acoustic properties = 50dB Compressive resistance = 120 kPa

## Product Sizes

Thickness (inches)	Size (inches)	Weight/m <sup>2</sup> (kg)	Pallet/units (ea)	Square Feet/pallet ft <sup>2</sup>
4"	12" x 23.5"	36	90	177
6"	12" x 23.5"	54	60	117

## Conditioning

Conditioned by pallets of 60 to 90 units.  
Pallet size 48" X 48" X 96" high.

## Storage

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

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