

NITA-HEMP®

Thermal and acoustic insulation in long fiber rolls from the central part of the hemp plant (*cannabis sativa*). It is a natural and renewable material.



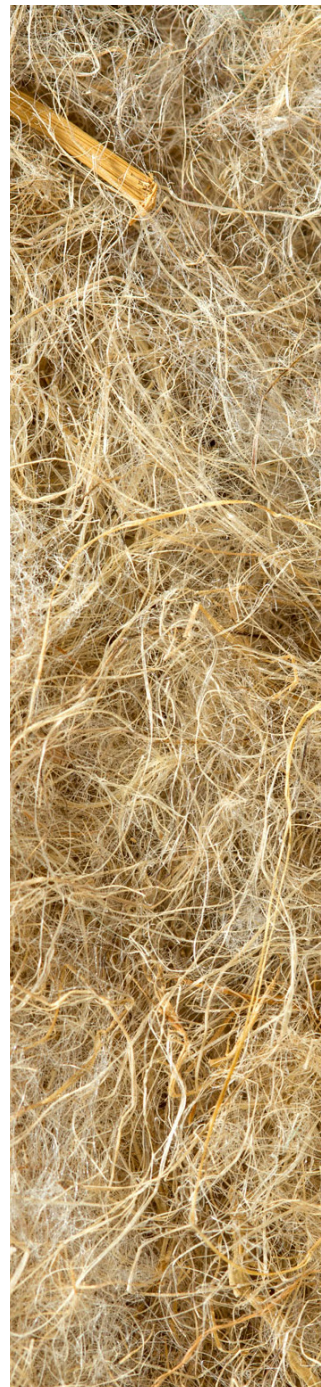
GENERAL CHARACTERISTICS

- Great capacity as thermal and acoustic insulation.
- Composition: hemp fibers (> 80%) and polyester binder.
- Breathable and hygroscopic.
- Organic, recyclable and from a renewable source.
- Durable and resistant in time.
- Non-abrasive and very easy to install.



SUPPLY FORMAT

Rolls of 50mm x 0,6m x 10m in packages of 2 rolls.



RMT INSULATION

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TECHNICAL DATA

Technical data		Thickness(mm)	Format
			Mantles 30 kg / m ³
Thermal conductivity "λ"	W / (m·K)	-	0,041
Thermal resistance	(m ² ·K) / W	50	1,22
		100	2,44
Resistance coefficient to water vapour	μ	-	1
Hygroscopic capacity	% weight	-	12 % ±5%
Fire resistance	UNE-EN-ISO 11925-2	-	F

WARNINGS

- The product can lose its treatment if in contact with water
- Any further treatment over the fiber not included on this technical datasheet can modify its properties and performance and automatically eliminates any warranties from the manufacturer.
- Do not install close to a heat focus.
- Avoid direct contact with electric equipment.

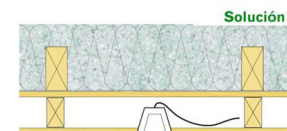
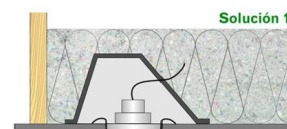
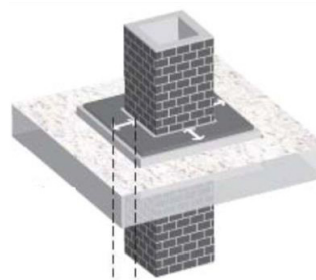
PRECAUTIONS USING NITA-COTTON

Any element that emits heat at high temperatures (eg chimneys, coils, transformers, motors, luminaires, etc.) must be kept at a distance of 20 cm from the insulation.

Provide perimeter frames in the elements respecting the rules in force. These formwork can be made with fire-retardant "PYL", with class A fire behavior, or with insulating bricks 20% higher than the intended insulation.

Heat points must be protected with specific protection boxes (e.g. cover-lights) and be of a sufficient height and diameter to ensure good protection.

In all scenarios, it is imperative to respect the NF DTU 24-1 regulations for the treatment of smoke ducts. And DTU 70-1 and 70-2 for the treatment of electric elements.



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