# NITA-WOOL® THERMAL AND ACOUSTIC INSULATION



Coils of treated sheep's wool. Suitable for use as insulation between ioints (perimeter window and door frames, gaps between logs and timber boards, etc.) and to ensure the airtightness of the house.

#### MAIN CHARACTERISTICS

- Great capacity for thermal and acoustic insulation.
- Composition based on 100% natural sheep's wool.
- Breathable and hygroscopic (up to 33% of its weight).
- Recyclable, from an organic and renewable source.
- Non-abrasive and very easy to install.
- Durable and resistant over time.



### **TECHNICAL CHARACTERISTICS**

Technical characteristics		
Thermal conductivity "λ	W/(m⋅K)	0,034
Approximate coil weight	Kg	9-10
Gramaje	Gr/m	45
Specific heat	J/kgK	1.760
Thickness	mm	20-60
Water vapour diffusion resistance coefficient	μ	1
Water absorption	kg/m2	≥ 2 kg/m2
Hygroscopicity	% of its weight	up to 33%
Fire reaction	UNE-EN-ISO 11925-2	F

### **CONTRAINDICATIONS**

- The product must not come into direct contact . with water.
- The product must not be in direct contact with a • heat source.
- Any additional treatment on the fibre not • included in this data sheet may alter its properties and performance and automatically invalidates any warranty from the manufacturer.

## **DELIVERY FORMAT**

Rolls of approximately 200-220 linear metres in length.





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