

NITA-WOOL® thermal and acoustic Insulation **needlepunched felt** made from wool, a natural resource produced by sheep. The needlepunched variant contains 100% of natural sheep wool offering a fluffy touch. They can be used for several purposes: wall interior finish, yurt construction, carpet underlayer, parquet underlayer (to absorb acoustic impact)



GENERAL CHARACTERISTICS

- Good acoustic and thermal insulation values
- Made 100% with natural sheep wool
- Recyclable renewable material from organic and renewable source.
- Free from allergens or toxic compounds
- Non-abrasive material, very easy installation.
- Breathable and hygroscopic

SUPPLY FORMAT

- Needlepunched felt: 5mm x 1,2m x 25m.
- Full pallets: 1,20 x 1,20 x 2,20 meters high - 275 kg weight. 19 units/pallet.

RMT INSULATION

ADRESS: POLÍGON INDUSTRIAL CAN MAGRE
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TECHNICAL DATA

Technical data		Needlepunched (450 gr/m2)
Thermal conductivity "λ"	W/(m·K)	0,034
Thermal resistance	(m2·K)/W	0,18
Resistance coefficient to water vapour	μ	1
Water absorption (horizontal)	kg/m2	4,54
Water absorption (45°)	kg/m2	1,64
Hygroscopic capacity	% weight	up to 33%
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.
- Any heating element (chimney, motors, bulb lights) must stay away 20cm from the insulation.
- Avoid direct contact with electric equipment.



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