ADVANTAGES

1. Excellent thermo-acoustic system performance
2. Excellent mechanical strength
3. Excellent system inertia
4. Dimensional stability of the material
5. High durability without loss of features
6. Healthier natural product
7. Comfort with healthy insulation
8. Excellent breathability capacity
9. Allows energy savings
10. Long term effectiveness
SOLUTION DESCRIPTION
Thermal insulation for underfloor electrical heating systems using Expanded Insulation Corkboard and still promoting sound insulation.

TECHNICAL FEATURES
Density: 140 a 160 kg/m³
Thermal conductivity: \( \lambda = 0.040 \text{ a } 0.042 \text{ W/m°C} \)
Optimal behaviour in large temperature range: -180°C a 120°C
Compression resistance at 10%: ≥ 100 KPa
Excellent acoustic performance

ENVIRONMENTAL FEATURES
- 100% NATURAL AND ADDITIVE-FREE INDUSTRIAL PROCESS
- DURABILITY OF 50 TO 60 YEARS WITHOUT LOSS OF CHARACTERISTICS
- TOTALLY RECYCLABLE
- SINK CO2 (CARBON NEGATIVE)
- LOW EMBODIED ENERGY
- NO EMISSION OF HARMFUL COMPOUNDS FOR INDOOR AIR QUALITY

PRODUCT DIMENSIONS
Dimensions: 1000 x 500 mm x [10 a 20mm]

RECOMMENDATIONS FOR APPLICATION
Apply the boards of Expanded Insulation Corkboard over the slab for later placement of electrical heating system and final flooring.