

EXPANDED INSULATION CORKBOARD

TRADITIONAL UNDERFLOOR HEATING



AMORIM

AMORIM ISOLAMENTOS, S.A.



- Final flooring
- Screed
- Heating system
- Expanded Insulation Corkboard
- Slab

NOT CONTRACTUAL PHOTO

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

100%
NATURAL
CHOICE

EXPANDED
INSULATION
CORKBOARD IS
A SUSTAINABLE
MATERIAL FOR
A SUSTAINABLE
INSULATION

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SOLUTION DESCRIPTION

Thermal insulation for underfloor heating systems of hot water tubes using Expanded Insulation Corkboard and still promoting sound insulation.

TECHNICAL FEATURES

Density: 110 to 120 kg/m³

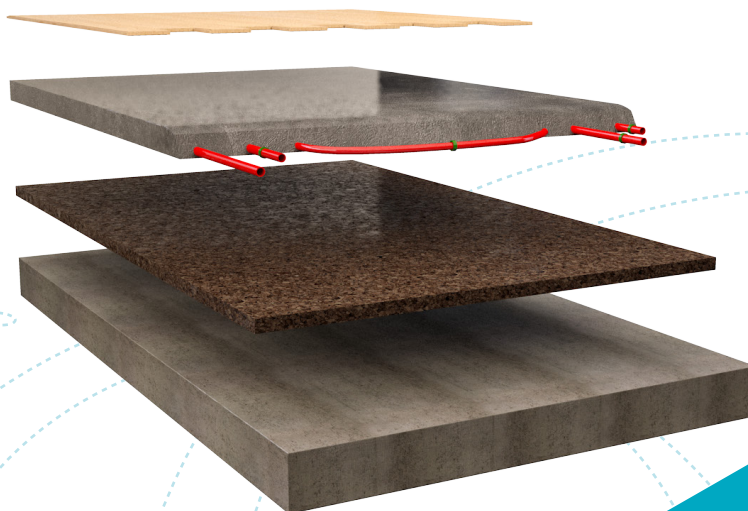
Thermal conductivity: $\lambda = 0,037$ to $0,040$ W/m°C

Optimal behaviour in large temperature range: -180°C a 120°C

Compression resistance at 10%: ≥ 100 KPa

Excellent dimensional stability

Fire Resistance: Euroclasse E



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

Standard: 1000x500x [10 to 320mm]

Other sizes: Upon Request

RECOMMENDATIONS FOR APPLICATION

Apply the boards of Expanded Insulation Corkboard over the slab for later placement of the pipe-system, screed and final flooring



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