

EXPANDED INSULATION CORKBOARD

INTERNAL PARTITIONS WITH INSULATION LINED ON BOTH SIDES



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

Acoustic insulation against airborne sound inside walls with lined Expanded Insulation Corkboard.

TECHNICAL FEATURES

Airborne Sound Insulation Index: $R_w = 50$ dB

Density: 110 to 120 kg/m³

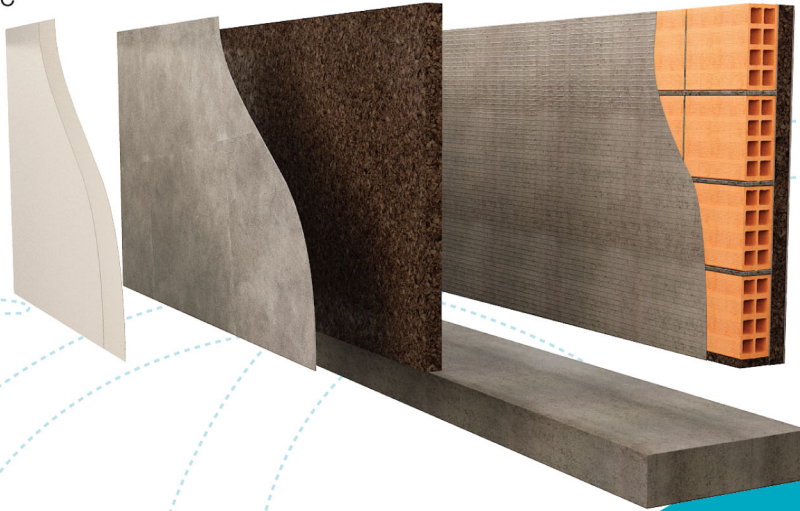
Thermal conductivity: $\lambda = 0,037$ to $0,040$ W/m°C

Bending Resistance: $\geq 1,8 \times 10^4$ kg/m²

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 support and plaster afterwards