EXPANDED INSULATION CORKBOARD
FLOATING SLAB WITH WOOD FLOORING

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
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SOLUTION DESCRIPTION
Thermal and acoustic percussion noise insulation with Expanded Insulation Corkboard acting simultaneously as insulation against percussion noises and reducing thermal losses.

TECHNICAL FEATURES
Isolamento a sons de percussão:
  a) Slab 140mm,
     Expanded Insulation Corkboard 20mm,
     Floating slab (screed) 50mm: ΔLw = 21 dB.
  b) Slab 140mm,
     Expanded Insulation Corkboard 50mm,
     Floating slab (screed) 50mm: ΔLw = 22 dB.
  c) Slab 140mm,
     Expanded Insulation Corkboard 20mm,
     Floating slab (screed) 70mm: ΔLw = 22 dB.
  d) Slab 140mm,
     Expanded Insulation Corkboard 50mm,
     Floating slab (screed) 70mm: ΔLw = 25 dB.
Density: 110 to 120 kg/m³
Thermal conductivity: 𝜆 = 0,037 to 0,040 W/m°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 screed and final flooring.