EXPANDED INSULATION CORKBOARD FLAT TAPERED ROOF



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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 and acoustic insulation of flat roofs, visitable or not, with Tapered Expanded Insulation Corkboard. The tapered cork gives the necessary slope for a proper drainage.

TECHNICAL FEATURES

Density: 110 to 120 kg/m3 Thermal conductivity: $\lambda = 0,037$ to 0,040 W/m°C Excellent thermal lag Excellent soundproofing Compression resistance at 10%: \geq 100 KPa Optimal behaviour in large temperature range: -180° a 120°C Does not absorb water by capillary action 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.

Dimension : 1000 x 500 mm Thicknesses for a 1:60 fall: A: 20/37mm B: 37/54mm C: 54/70mm A1: 70/87mm B1: 87/104 mm C1: 104/120mm

RECOMMENDATIONS FOR APPLICATION

Apply the Expanded Insulation Corkboard, waterproofing layer and later protection of the system