EXPANDED INSULATION CORKBOARD
DECOUPLING LAYER FOR WINDOW FRAMES AND CORE

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
EXPANDED INSULATION CORKBOARD
DECOUPLING LAYER FOR WINDOW FRAMES AND CORE

SOLUTION DESCRIPTION
Decoupling layer for window frames with Expanded Insulation Corkboard ensuring acoustic insulation and providing a thermal barrier to the window frame system. Also possible to apply as window frame core.

TECHNICAL FEATURES
Standard density: 110 to 120 kg/m³
Thermal conductivity: \( \lambda = 0.037 \) to 0.040 W/m°C.
Medium density: 140 to 160 kg/m³
Thermal conductivity: \( \lambda = 0.042 \) W/m°C.
Bending Resistance: \( \geq 1.8 \times 10^4 \) kg/m²
Compression resistance at 10%: \( \geq 100 \) 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]
140/160 Kg/m³: 1000x500x [10 a 240mm]

RECOMMENDATIONS FOR APPLICATION
As per window manufacturer