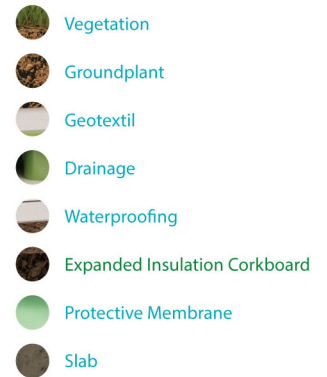


EXPANDED INSULATION CORKBOARD

GREEN ROOF



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 GREEN ROOF

SOLUTION DESCRIPTION

Thermal and acoustic insulation of green roofs, visitable or not, with Expanded Insulation Corkboard. The roof provides an aesthetically pleasing landscape.

TECHNICAL FEATURES

Density: 110 to 120 kg/m³

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

Excellent thermal lag

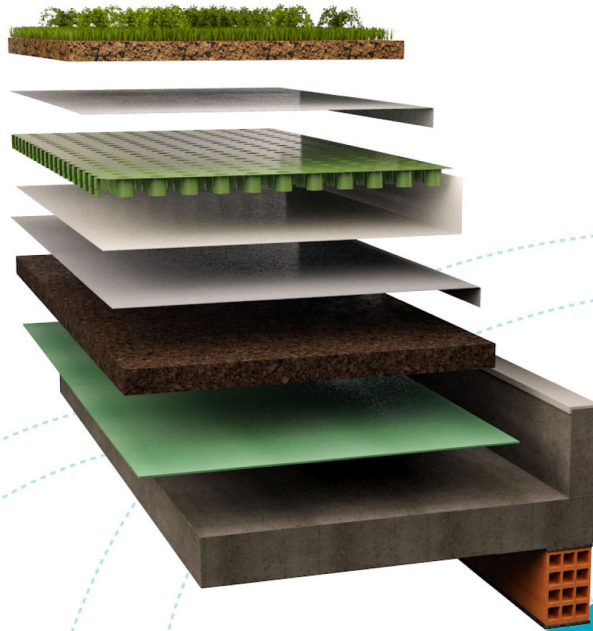
Excellent soundproofing

Compression resistance at 10%: ≥ 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

Standard: 1000x500x [10 to 320mm]

Other sizes: Upon Request

RECOMMENDATIONS FOR APPLICATION

Apply the Expanded Insulation Corkboard and the following layers of the green roofing system as per system owner instructions