EXPANDED INSULATION CORKBOARD
HVAC VIBRATION CONTROL

ADVANTAGES

1. Excellent mechanical strength
2. Dimensional stability of the material
3. High durability without loss of features
4. Healthier natural product
5. Long term effectiveness
EXPANDED INSULATION CORKBOARD
HVAC VIBRATION CONTROL

SOLUTION DESCRIPTION
Reduce or eliminate the transmission of vibrations and consequent noise to the building in which it is installed and the neighbouring buildings. All machines should be insulated.

TECHNICAL FEATURES
Standard density: 110 to 120 kg/m³
Thermal conductivity: \( \lambda = 0.037 \) to \( 0.040 \) W/m°C
High density: 170 to 190 kg/m³
Thermal conductivity: \( \lambda = 0.043 \) W/m°C
Excellent thermal lag
Excellent acoustic insulation
Optimal behaviour in large temperature range: -180° a 120°C
Does not absorb water by capillary action
Fire resistance: EuroClass E

<table>
<thead>
<tr>
<th>Density</th>
<th>Thickness (mm)</th>
<th>2000</th>
<th>5000</th>
<th>10000</th>
<th>15000</th>
<th>20000</th>
<th>25000</th>
<th>30000</th>
</tr>
</thead>
<tbody>
<tr>
<td>110 / 120</td>
<td>25</td>
<td>0.3</td>
<td>0.5</td>
<td>1.1</td>
<td>2.1</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>50</td>
<td>0.5</td>
<td>1.1</td>
<td>2.2</td>
<td>4.3</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>170 / 190</td>
<td>25</td>
<td>0.2</td>
<td>0.3</td>
<td>0.6</td>
<td>0.8</td>
<td>1.1</td>
<td>1.4</td>
<td>1.9</td>
</tr>
<tr>
<td></td>
<td>50</td>
<td>0.4</td>
<td>0.7</td>
<td>1.1</td>
<td>1.6</td>
<td>2.2</td>
<td>2.9</td>
<td>3.9</td>
</tr>
</tbody>
</table>

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 a 320mm]
HD: 170/190 Kg/m³: 1000x500x [25; 50; 75; 100mm]