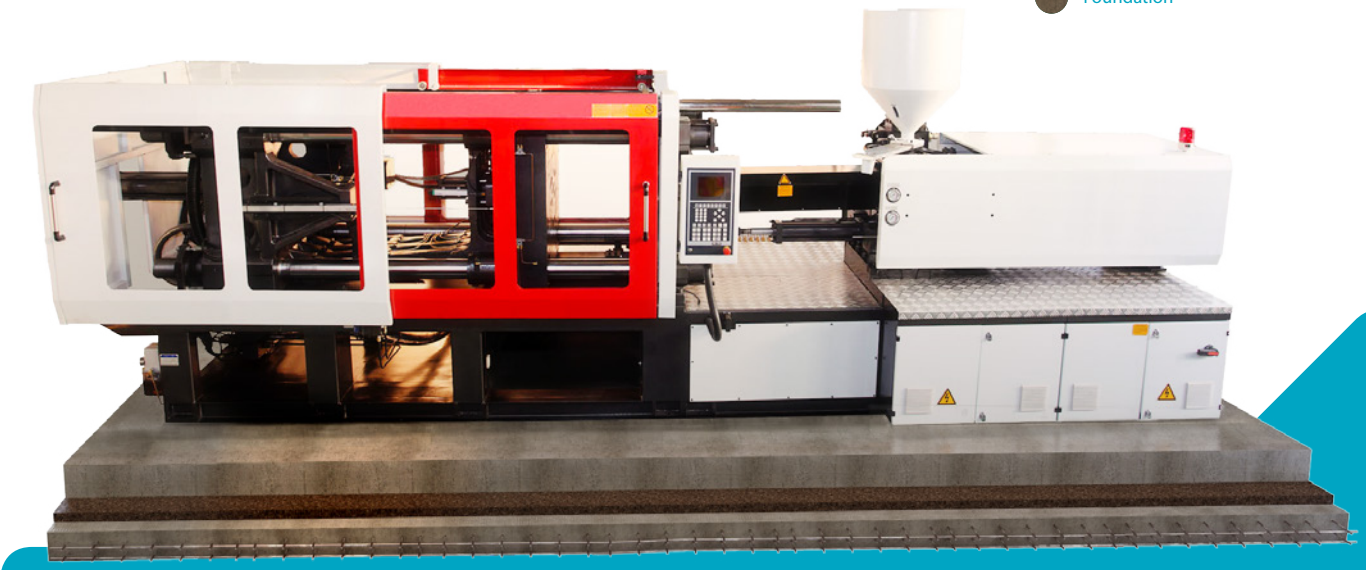
EXPANDED INSULATION CORKBOARD

HEAVY MACHINERY VIBRATION CONTROL

AMORIM
ISOLAMENTOS



NOT CONTRACTUAL PHOTO

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
HEAVY MACHINERY VIBRATION CONTROL

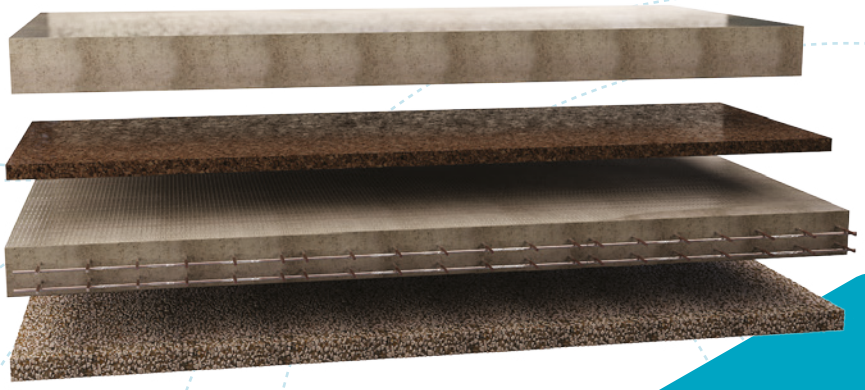
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SOLUTION DESCRIPTION

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



COMPRESSION

Density	Thickness (mm)	Weight per unit area (Kg/m2) 2000	5000	10000	15000	20000	25000	30000
		Deformation (mm)						
110 / 120	25	0,3	0,5	1,1	2,1	-	-	-
	50	0,5	1,1	2,2	4,3	-	-	-
140 / 160	25	0,3	0,5	0,9	1,4	2,0		
	50	0,5	0,9	1,7	2,7	4,1		
170 / 190	25	0,2	0,3	0,6	0,8	1,1	1,4	1,9
	50	0,4	0,7	1,1	1,6	2,2	2,9	3,9

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

RECOMMENDATIONS FOR APPLICATION

Install insulation cork as the vibration isolation pad

NOT CONTRACTUAL PHOTO

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