isocor
Aglomerados de Cortiça

INSULATION OF VIBRATIONS

In view that all vibrations are transmitted to the structure of the buildings, this factor must not be disregarded

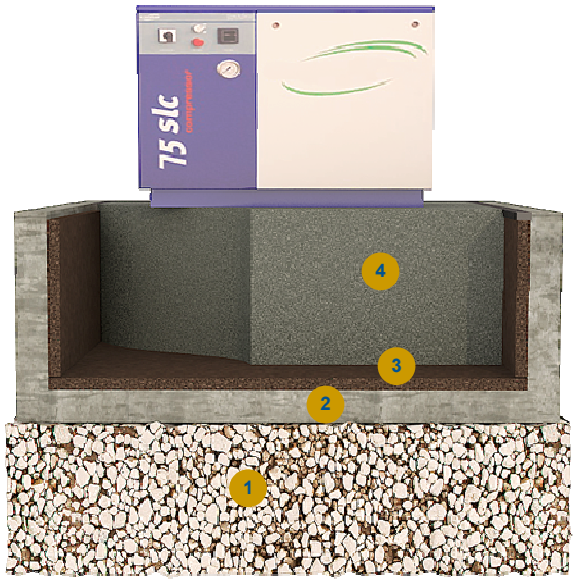
In view of its elasticity the Expanded Cork Board is endowed with remarkable anti-seismic qualities, proving to be a excellent anti vibrations insulating material.
When applying it, due consideration should be given to the elements submitted in terms of density and thickness of the Expanded Cork Board, in line with the acting loads.

Recommended pressures and thicknesses

Density	Thickness in cm			
	2,5	5	7,5	10
Volume mass of 11/12 Lbs/m^3 (145 to 160 Kg/m^3)	0,8 - 10	0,7 - 1,2	0,5 - 1,5	0,3 - 1,8
Volume mass of 13/14 Lbs/ m^3 (175 to 190 Kg/m^3)	1,0 - 1,5	0,8 - 1,8	0,6 - 2,0	0,5 - 2,2

Recomended pressure in Kg/cm^2 -daN/cm^2

INSULATION OF VIBRATIONS



1 Riprap
2 Reinforced concrete slab
3 Expanded Cork Board - ICB High Density
4 Reinforced concrete slab

Benefits

Highly effective insulation from the transmission of vibrations, it with-stands heavy loads and is resistant to oils, water and acids

Unlimited durability, easy to transport and install

Ideal for these kind of applications, because it doesn´t loose properties throughout the time

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Cork by SOFALCA