

JOCAVI[®] Acoustic panels

www.jocavi.net

REDUCES SOUND AND VIBRATION
LIKE NEVER BEFORE



ECOiso[®] **NCF[®]** JOCAVI[®]
noise control floor

- 100% RECYCLABLE
- NATURAL RAW-MATERIALS
- RECYCLED RAW-MATERIALS
- SUPPLIED IN TILES, EASY TO INSTALL
- EXCELLENT ANTI-VIBRATE PERFORMANCE
- EASILY CUT TO ADJUST ROOM DIMENSIONS
- PROVIDED IN TWO SIZES: 48 X 48 cm OR 96 X 48 cm
- SUITABLE FOR PRIMARY CONSTRUCTION OR RETROFITTING



ECOiso[®] NCF[®] JOCAVI[®]

noise control floor

ECOiso[®]NCF[®] is a sound insulation material composed by one sheet of Cork Agglomerate and one board of high-density recycled wood fibers. This material was thought in order to reduce transmission of sound and vibration in the floors of residential and commercial buildings. It can also be used on walls and ceilings.

The strength and durability added to the available dimensions of the ECOiso[®]NCF[®] make it ideally suitable for primary construction or retrofitting of existing applications. There is a

requirement for a sound isolation material that should be as thin as possible, in order to maximize the usable room areas.

Beforetime the use of cork and wood agglomerates was one of earliest methods for building studios soundproofing insulation. It was soon discovered that these same excellent characteristics so essential in recording studios, could be applied equally well to home theatres, home studios, music rooms and many others.

ECOiso[®]NCF[®] has also proven effective over a wide sound frequencies range, giving the best noise reduction values at the low and high-frequencies in a single composite material.

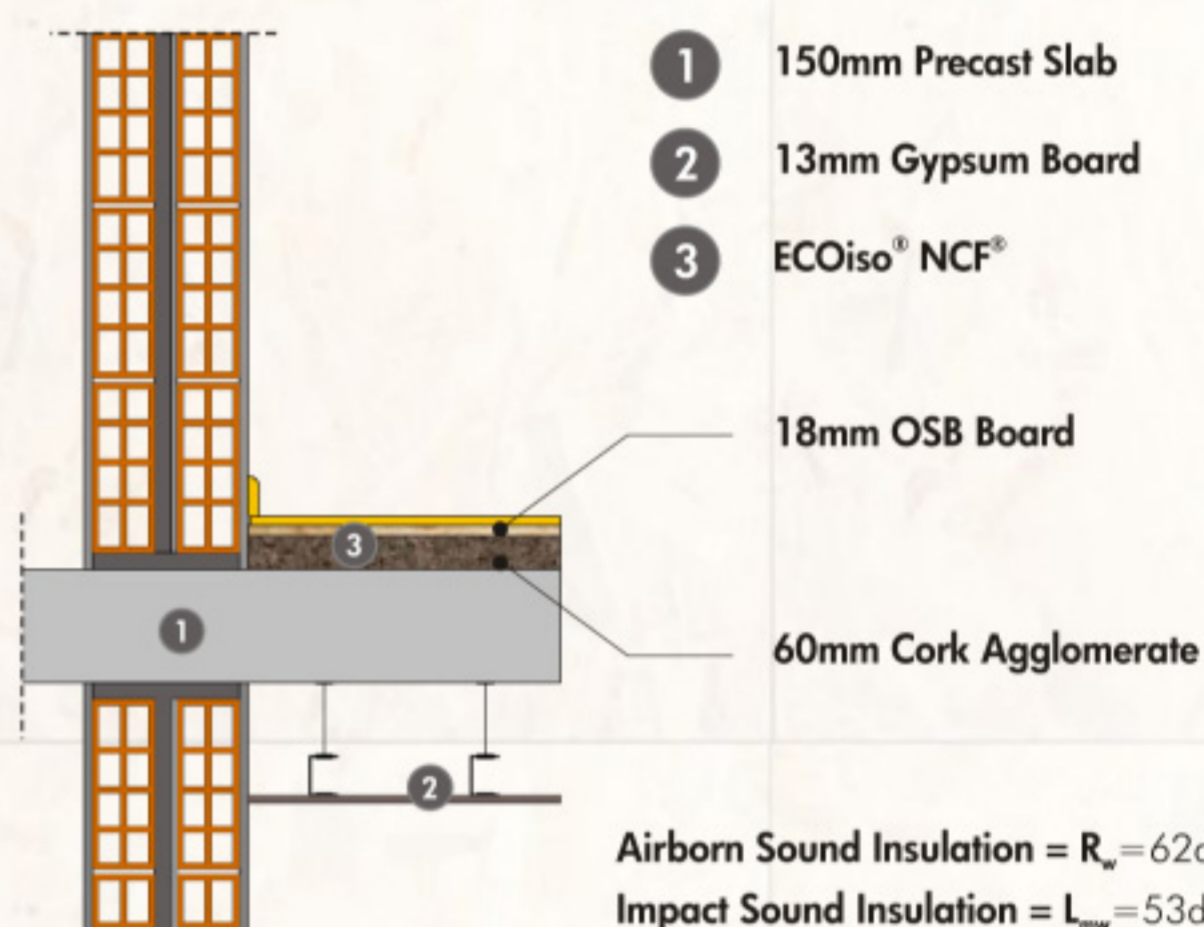
APPLICATION SUGGESTIONS

ECOiso[®]NCF[®] is ideal for sound isolation and vibration transmission. For example, it's well suited to floors walls and ceilings in studios or home-theatres. In these applications because of the density and high compression strength, ECOiso[®]NCF[®] is recommended best applied to the floor of the upper level and also as opposed to the ceiling of the lower level, both methods are possible and effective.

In any surface (ceiling, wall or floor) after the first ECOiso[®]NCF[®] layer a second subsequent layer can be screwed at the first layer for further reduce sound transmission.

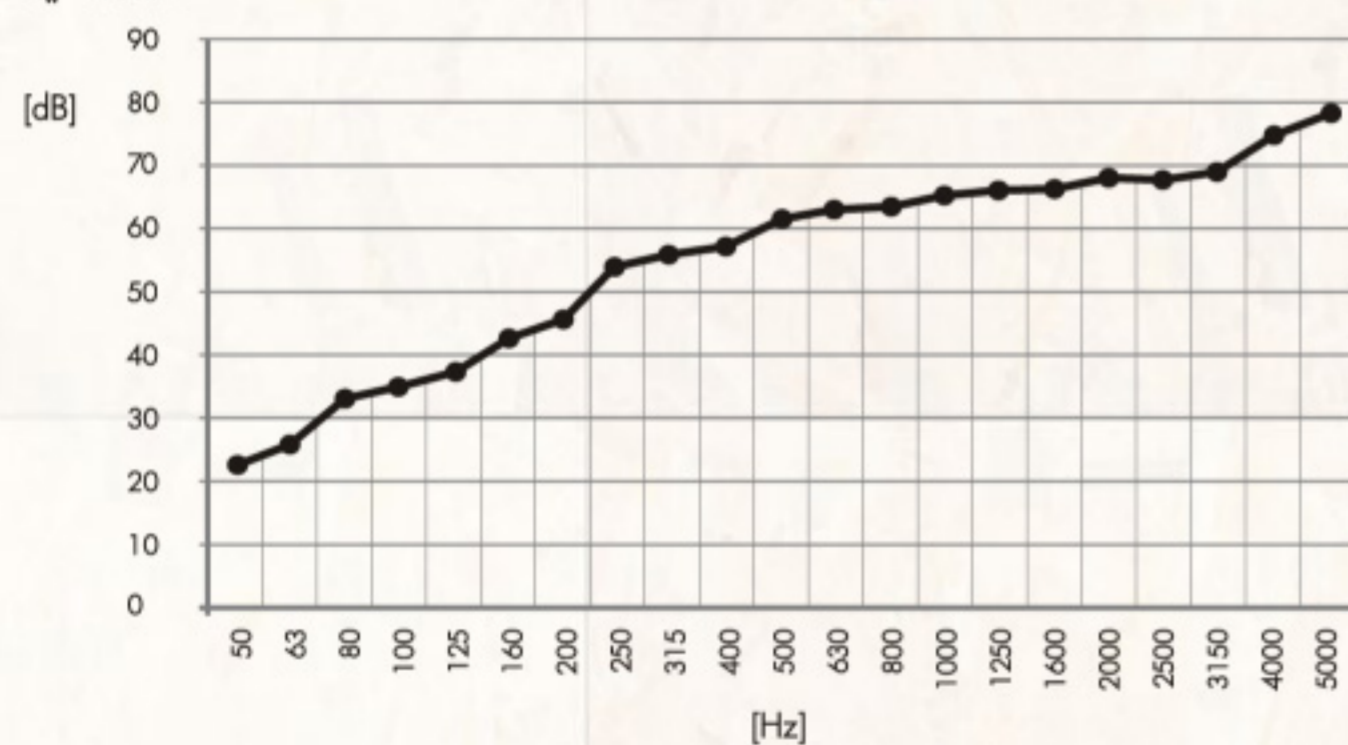
As mentioned in the example you can improve and effectively reduce airborne and impact noise values more than 10dB.

APPLICATION EXAMPLE



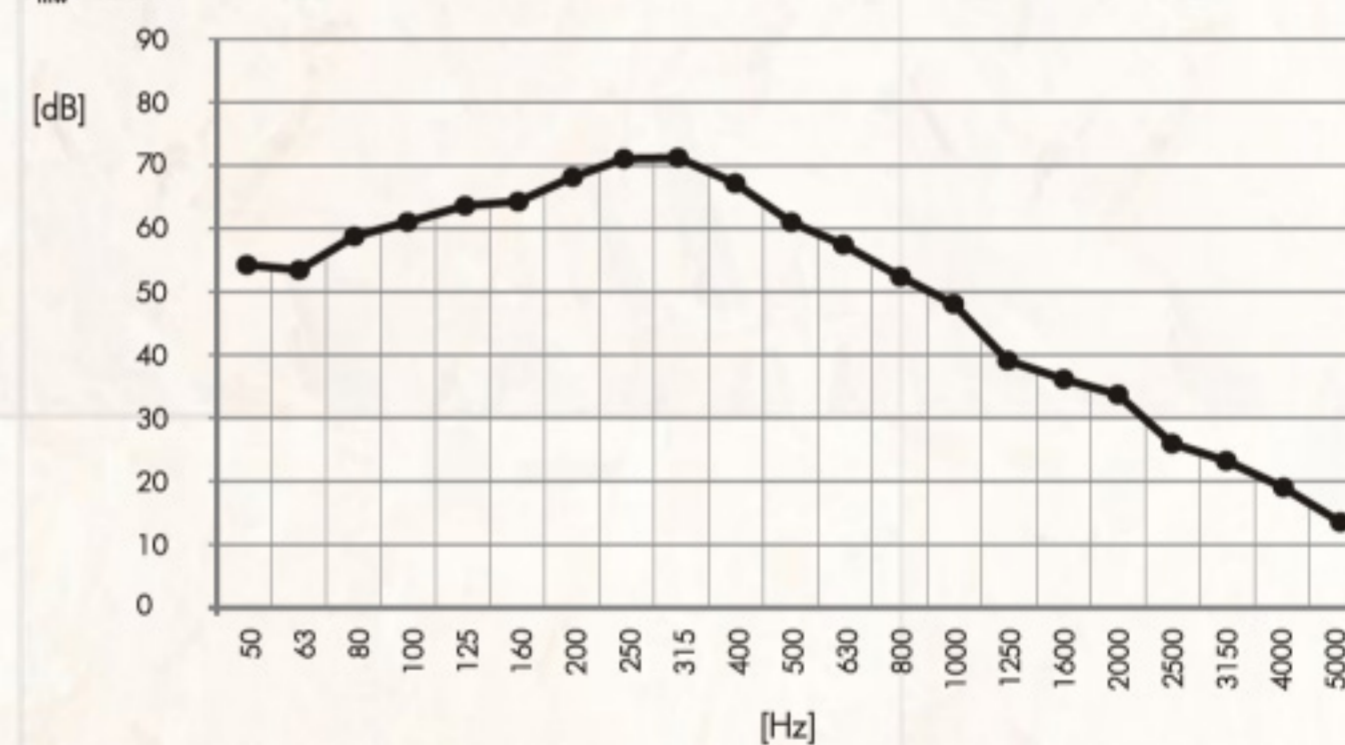
AIRBORN SOUND INSULATION (dB/Hz)

$R_w = 62\text{dB}$



IMPACT SOUND INSULATION (dB/Hz)

$L_{mw} = 53\text{dB}$



PACKAGE INFORMATION

of 48 x 48 cm tiles

REFERENCE	PACKAGE DIMENSIONS	NR. OF TILES PER BOX
ECOiso [®] NCF486 - 60mm	1 Box - 62 x 62 x 36 cm	6 tiles (2,88m ²)
ECOiso [®] NCF488 - 80mm	1 Box - 62 x 62 x 36 cm	4 tiles (1,92m ²)

PACKAGE INFORMATION

of 96 x 48 cm tiles

REFERENCE	PACKAGE DIMENSIONS	NR. OF TILES PER BOX
ECOiso [®] NCF966 - 60mm	1 Box - 120 x 62 x 36 cm	6 tiles (5,76m ²)
ECOiso [®] NCF968 - 80mm	1 Box - 120 x 62 x 36 cm	4 tiles (3,84m ²)

MANUFACTURER



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