

Quietboard[®] of Sweden AB



Today we place high demands on a good working environment.

In many public places, we are surrounded by noise.

It can be in locations such as school canteens, offices and other places.

We can see that several studies shows that noise affects us negatively in the form of stress.

Several solutions in interior design reduces noise levels.

Quietboard is one of them.

Quietboard dampens the sounds when we mechanically hit the surface.

It does not emit the same resonance as a traditional board.

Because of its unique structure, we can also achieve many other advantages.

As we mentioned, reduced noise level and light weight.



Technical Specification

Quietboard is manufactured with several layers of materials chosen by environmental perspective.

- Fibris board.
- MDF / Medite Premier FCS mix 70% Carb 2
- Cork //FSC®

Size std

Thickness

3050x1220

20 mm - 22 mm - 25 mm

2440x1220

*other formats or thickness could be manufactured upon request.

1830x1220



Quietboard can be coated with all standard surface materials. Laminates and veneers.

Tests performed by SP Technical Research Institute of Sweden

Test method was developed in consultation with the customer and based on the standard ISO 11200:1995

Acoustics -- Noise emitted by machinery and equipment -- Guidelines for the use of basic standards for the determination of emission sound pressure levels at a work station and at other specified positions.

Operator location was defined as 50 cm above the tabletop typically above the table top edge.

A steel ball weighing 9.8 grams was released from 50 cm height against the table top in the center (where the diagonals are met). It was performed five times a tabletop.

Test results:

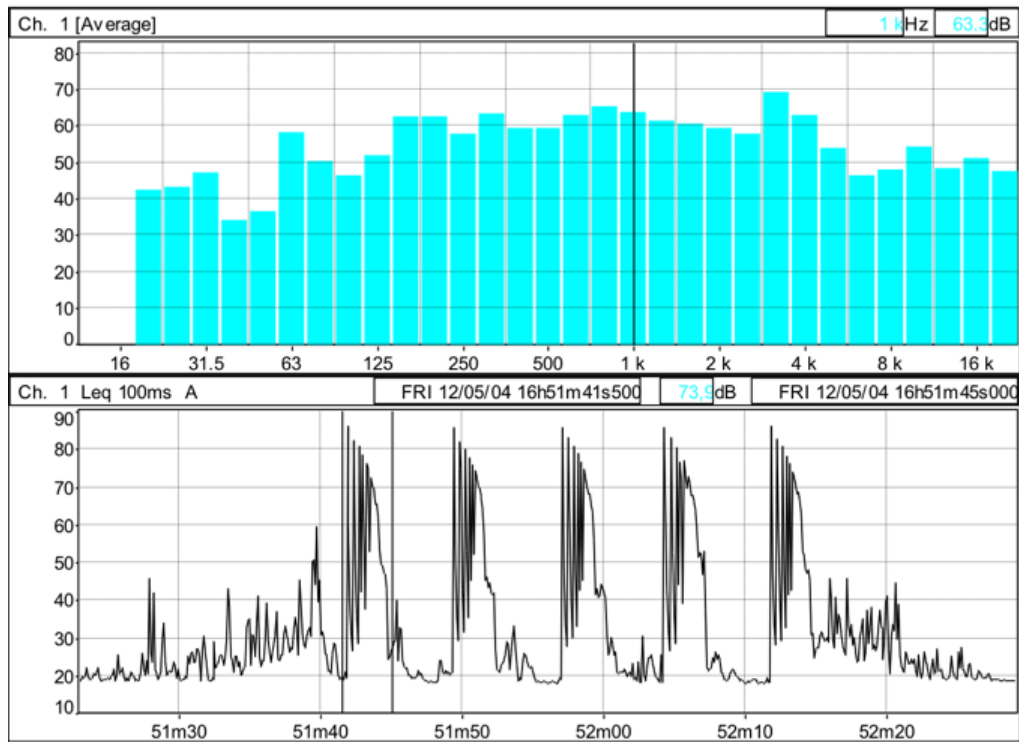
- A-weighted average over 3 seconds
- C-weighted Peak value



Resultat

Test subject	Surface	C-weighted Peak (dBc)	A-weighted average (dBa)
Quietboard	Laminate	109,7 dB	73,9 dB
Chipboard	Laminate	119,9 dB	87,1 dB

Quietboard



Chipboard

