ALPHA*fon* - CB

SOUND INSULATED CABINS

APPLICATIONS

Sound insulated cabins **ALPHA*fon*-CB** can be used for:

- Control Rooms
- Music instrument test room (i.e. drums)
- Recording room
- Teleconference room
- Interpretors Booth

DESCRIPTION

Sound Insulation Cabins **ALPHA*fon*-CB** offer a quiet environment in noisy industrial spaces. Its major objective is to protect the receiver (worker) from noise, when noise insulation at the source and the path can not be applied or they can protect a noise source, that it is placed inside the booth.

Alpha*fon* - CB Consists of:

- Die-cast aluminum trihedral corners
- Metal frame connection profiles made from galvanized sheets.
- Sound-absorbing&sound insulating metal frames
- ALPHAfon-MB 50mm thickness
- Sliding door with 2 hinges and handle with bilateral external lock and window (optional).
- Around the insulation frame there is a specially designed rubber profile to achieve maximum sound isolation.
- The frame snaps to the metal connection profile through special rotating shutters.
- The Floor of the chamber may be of metal frame, carpet, plastic carpet or a woodflooring (Laminate)

INSTALLATION

Installation are very simple and no special tools are needed. They come in pieces and assemply can be done on site. Windows are optional and can be installed in every side, according to requirements.

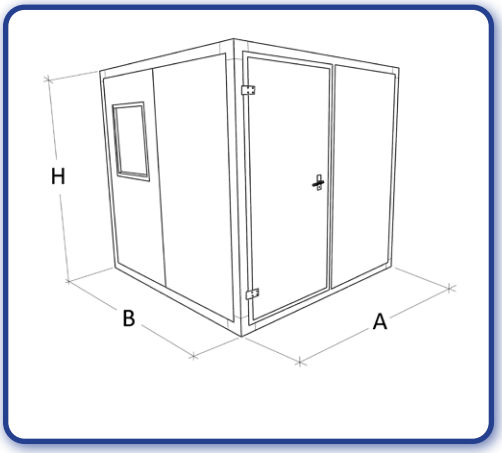
In order to make the appropriate selection of the Sound Insulation Cabins, noise level measurements with frequency analysis of the area are suggested. According to the results of these measurements and the noise reduction required, the selection of the appropriate **ALPHA*fon*-CB** type is carried out.

DIMENSIONS

The stardardised dimensions for **ALPHA*fon* CB** are (A x B x H cm):

- 200 x 200 x 200
- 200 x 250 x 200
- 200 x 250 x 250

Other dimensions are available upon request.



TECHNICAL CHARACTERISTICS

ALPHA*fon*-CB can be adjusted and customized for each individual need and can be equipped with:

- Windows (opening or non opening) for supervising and visual contact.
- Ventilation with air inlet and outlet sound attenuators.
- Infrastructure for electrical application (cables, sockets etc)
- Acoustic entry door

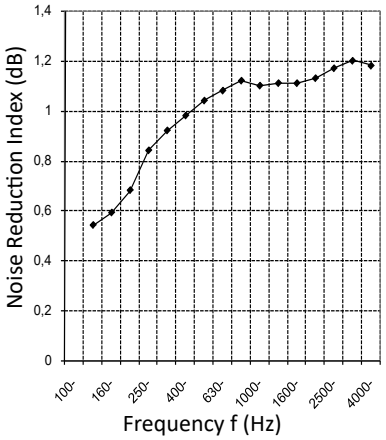
The internal side of Sound Insulation Cabins **ALPHA*fon*-CB** are covered partially with special sound absorptive materials, for optimum acoustical environment inside of the cabinet.

Noise Insulation Index for standard type is: **Rw= 25 dB**

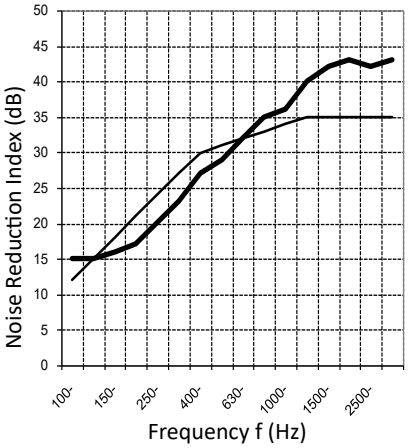
If greater sound insulation is required, customised types can be developed to cover incresed sound insulation needs.

TECHNICAL DATA FOR ALPHAfon - MB.50

SOUND ABSORPTION COEFFICIENT
According to ISO 354



SOUND REDUCTION INDEX
According ISO 140, ISO 717.1



Design and Production according to Quality Management System ISO 9001&Environmental Management System ISO 14001

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