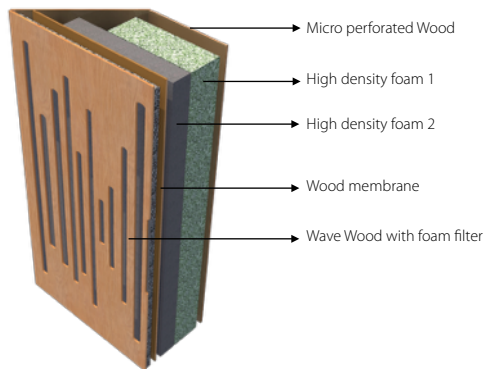


Super Bass Extreme

MUSIC & BROADCAST AND HI-FI / BUILDING & CONSTRUCTION



Available Finishes
5 Wood Colours

Wenge
White
Nordik
Light Brown
Cherry

Packing Information

Each panel - 595 x 595 x 155 mm*
Units per box - 2
Box - 660 x 380 x 640 mm
Box Gross Weight - 13.5 Kg

*Please notice that the dimensions of this panel have a tolerance of +/- 3 mm

FEATURES

Optimized for corner mounting, Super Bass Extreme's elegant wooden front is based on Vicoustic's flagship Wave Wood panel. This is combined with a membrane, two high-density foam layers and a micro-perforated rear panel, with 1mm holes, that acts as a Helmholtz resonator. Designed to provide effective low frequency absorption between 60-125 Hz, it delivers maximum effectiveness between 75 -100Hz. The wooden front panel has two functions, providing sufficient mid-high frequency absorption to control corner reflections without deadening the sound, while simultaneously acting as a diffuser.

When porous materials such as foam are applied to corners or walls, they become less efficient in dealing with low frequencies, because the particle velocity or air movement associated with long wavelengths is low. However, the sound pressure is at its maximum. Super Bass Extreme's internal membrane transforms this high pressure by converting the pressure fluctuations into air motion. The membrane sympathetically vibrates over a frequency range of 75-90 Hz, causing the air to pass through a layer of high-density foam that absorbs the low frequencies. Because of the high pressure it has also been possible to introduce a further technique for aiding absorption, with the micro-perforated panel at the back of the unit acting as a tuned Helmholtz resonator. Tests actually showed the perforations to give 20% more efficiency, compared to using a non-perforated panel.

Super Bass Extreme is highly recommended for smaller rooms with low frequency issues. The panel can be used in different corner positions and its modular structure allows further units to be added as required. With an eye to interior design compatibility, Super Bass Extreme is available in five elegant wood finishes that match Vicoustic's range of Wave Wood panels.

APPLICATIONS

Listening Rooms, Home Theaters, Recording and Broadcast Studios, Post Production Studios, Office, Rehearsal Rooms, Conference and Teleconference Rooms, Public Spaces, Auditoriums, etc.

TECHNICAL INFORMATION

Material: Polyurethane Foam and Wood

Fire Rating:

Wood: Euroclass E (ISO 11925-2:2010)

Foam: M1 (NF P 502-94 and NF P 502-95)

Euroclass F (ISO 11925-2:2010)

Product Classification : Euroclass E (ISO 11925-2:2010)

Installation: Vicoustic Flexi Glue or Mechanical Suspended System

PERFORMANCE

