

Application: Control Low Frequency Reverberation

Frequency Characteristics: 70hz - 20Khz

Installation: Staple Gun, Removable Hooks, Water based adhesive

Dimensions: 1000mm high, 520mm front face



An innovative but simple idea that works incredibly well. The LF70 Corner Bass Trap is a unique design that utilises a reflector insert in order to significantly improve low frequency absorption of an otherwise conventional acoustic foam bass trap.

The **Bass Enhanced Absorption Reflector (BEAR)** is the result of many years laboratory research refining the LF70 bass trap design. The result is a bass trap that offers performance rivalling products typically costing many times the price.

The graph below demonstrates the LF70 absorption co-efficients (blue line) versus the performance graph of the LF70 bass trap with insert removed (green line). From 250hz and below the reflector insert provides a significant increase in low frequency absorption. At 80hz and 100hz the reflector boosts low frequency absorption by around 100%, an outstanding increase in low frequency absorption. This is particularly useful in typically problematic small rooms, where space is a premium.

Additionally, above 250hz the insert partially reflects higher frequencies, allowing a room to retain a natural sense of space.

The flexible timber insert is supplied raw with an attractive rustic grain finish. The insert can be painted, varnished or simply left raw. Installation is straightforward utilising the Staple T fixing channel unique to SoundAcoustic products. The self closing fixing channel allows the bass trap to be installed with a light gauge staple gun, or alternatively with 3M Command removable hooks.

The LF70 is manufactured from high quality SONSORB acoustic foam and is proudly manufactured in Australia. It is also GreenStar certified and carries a 10 year warranty.



