

Advantages

- CFC and HCFC free
- Excellent thermal and acoustic insulation
- Reduces risk of condensation
- Allows easy access to M&E Services
- Gives room-to-room sound reduction

Applications

SOUNDSTOPPERS are ideal for use with lay-in grid systems, but can also be used with other systems. Placed onto the back of the ceiling tile they are installed in one quick and economical operation with the tile.

Description

DIMENSIONS

Standard panel size: 600mm x 600mm,
1200mm x 600mm
or other sizes upon request

Thicknesses: 16mm Weight: 8.5kg/m²

Introduction

SOUNDSTOPPERS are designed to stop the breakout of sound through suspended ceilings. Laid onto the back of any ceiling tile, they stop transmission of sound through the tile and form an acoustic seal around the edge. They are easily removed with the tile allowing full access to the ceiling void. Around perimeters, modular light fittings or ducts, a self adhesive sealing gasket is applied to make the whole ceiling an acoustic barrier.

SOUNDSTOPPERS are constructed by bonding PUNF Foam and high density attenuating board. This produces a high performance sound stopping panel, which compresses against the ceiling grid to form an acoustic seal and absorb any vibration within the grid. Any sound in the ceiling void is absorbed by the PUNF Foam.

Standards

SOUNDSTOPPER conforms to BS476 Part 6 (Class O) and BS476 Part 7 (Class 1).



Acoustic Performance

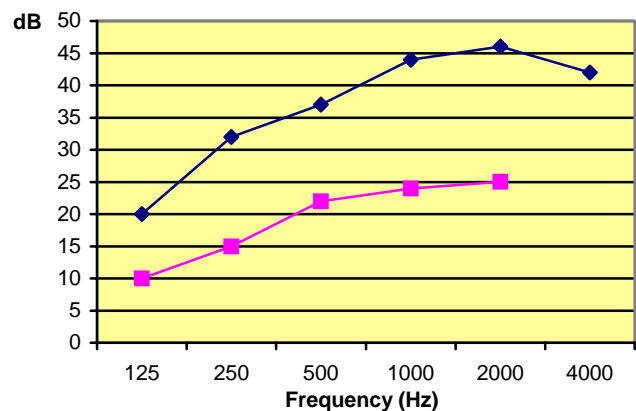
SOUNDSTOPPER works in two distinct ways to reduce noise, either by impeding the transmission of sound through an element of the structure or by absorption of sound at the surface.

BS 5821 – Normalised level difference (room-to-room)
41dB.
Average through the range 100-5000Hz

BS 2750 – Range 100-500Hz Sound Reduction index
Rw 24dB
Average through the range 100-3150Hz

The above information is extracted from Sound Research Laboratories Ltd, Report Number C/04/5L/0980/1A.

Sound Reduction Index for SoundStopper



◆ Normalised Level Difference

■ Sound Reduction Index

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