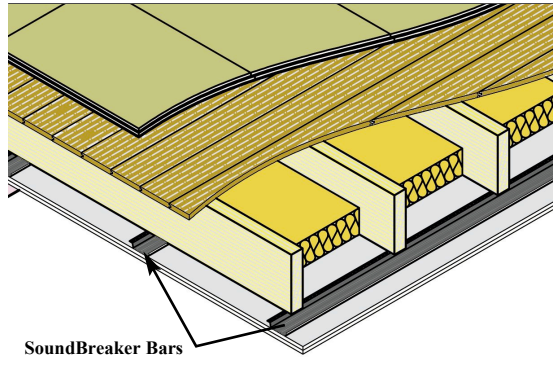


SoundBreaker Bars

Description

SoundBreaker Bars are lengths of hot dip zinc steel, formed into a 'U' shape. They are suitable for fixing onto timber and metal stud walls, timber joists and wooden battens on ceilings.

SoundBreaker Bars are designed to reduce both airborne and impact noise transfer between adjacent rooms by decoupling an existing wall or ceiling from a secondary wall or ceiling.



Colour - Silver

Application

SoundBreaker Bars are used extensively on party walls and ceilings of meetings rooms, offices, conference facilities, interview rooms, classrooms, theatres, cinemas, studios, surgeries, clinics, hotels, gymnasiums, dance studios and bedrooms.

Technical Advice and Acoustic Testing

Highly qualified and experienced building and acoustic engineers are available to discuss all aspects of acoustic performance requirements with clients, architects, specifiers, building control officers, builders and contractors. They can prepare specifications and effective installation instructions to ensure optimum acoustic performance is achieved.

They are also available and have the necessary equipment to undertake pre- and post-installation testing for airborne and impact sound insulation, if required. Further details are available on request.

Operating Temperature

SoundBreaker Bars are suitable for use at normal building temperatures.

Compliance with Building Regulations

SoundBreaker Bars will assist in compliance with Building Regulations Approved Document E 2003. Further details available on request.

Acoustic Performance

Incorporating **SoundBreaker Bars** to decouple an existing wall or ceiling from a secondary wall or ceiling will improve the acoustic performance by between 7 and 8dB. Detailed below are acoustic test results for a number of 'typical' constructions incorporating **SoundBreaker Bars**. The constructions were tested in NAMAS approved test houses.

Typical Construction	Sound Reduction Value R_w dB
A partition wall with 50mm timber studs at 600mm centres with 2 x 12.5mm SilentWall boards screwed to SoundBreaker Bars and 50mm SoundSlab in the cavity	60
A partition wall with 70mm metal studs at 600mm centres with 2 x 12.5mm SilentWall boards screwed to SoundBreaker Bars and 75mm SoundSlab in the cavity.	62
Typical Construction	Airborne Noise $D_{nT,w} + C_{tr}$ dB
A ceiling with 50 x 225mm timber joists at 400mm centres with 2 x 12.5mm plasterboards screwed to SoundBreaker Bars , 100mm SoundSlab fitted between the joists and 18mm Chipboard floor with Reduc Micro 17 above.	51

Data Sheet
2007 Issue 03

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Web Site:
www.acoustic.co.uk

Dimensions and Weight

Product	Length m	Width mm	Depth mm	Weight kg/lin m
SoundBreaker Bars	3	65	16	0.37

Packaging and Handling

SoundBreaker Bars are supplied in bundles of 10 wrapped in polythene.

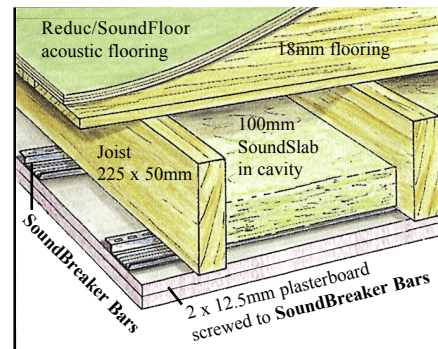
Availability

Soundbreaker Bars are available to order subject to minimum order quantity or through a national network of stockists. Further details available on request.

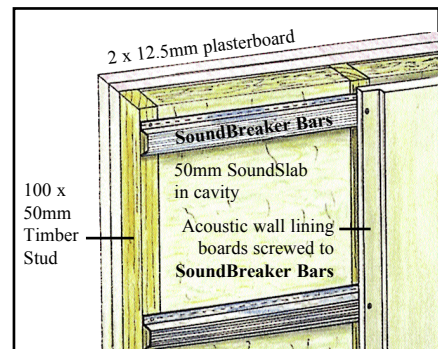
Application and Fixing

For detailed advice on how to fit Soundbreaker Bars on walls and ceilings, contact Hodgson & Hodgson Group Ltd Technical Department on 01664 821828.

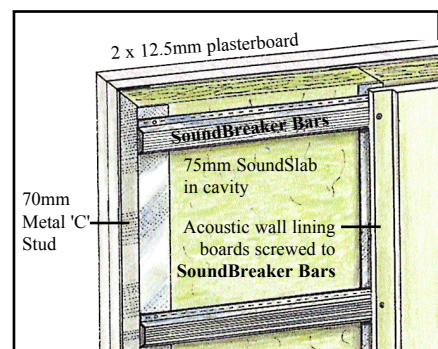
Timber Joist Ceilings



Timber Stud Partition Walls



Metal Stud Partition Walls



For Further Information

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