



The Product

The Boundary Sound Barriers feature unique timber 'tuning fork' design posts and 125mm boards with combined interlocking 'V' tongue and groove joints. This highly effective combination locates the boards so that gaps through which sound will easily travel are eliminated. The system is resistant to shrinkage and expansion due to changes in the weather and the fencing is finished with a capping and counter rail.

The Facts

This type of acoustic system offers numerous benefits over the traditional pre-formed panel style, including:

- **Reduced labour requirements**
- **Quicker installation times**
- **Easier storage and transport**
- **Better acoustic performance**

The tuning fork design timber posts are used for applications up to 4.0m in height. For barrier heights between 2.0m and 4.0m the timber posts are reinforced with a black-coated steel spur.

All the timber is pressure-treated to provide lasting protection, both above and below ground, against all wood-boring pests and all forms of wet and dry rot. The timber is covered by a 20-year manufacturer's product guarantee subject to correct installation.

The Boundary Sound Barriers have been developed and thoroughly tested to ensure that they provide the highest levels of performance.

Features

- **Rugged timber construction**
- **Unique tuning fork post design**
- **Special fixings which fix the acoustic boards between the posts**
- **Changes in level or profile can be accommodated**
- **Capping and counter rail create an attractive appearance**

APPLICATIONS

- Offices • Meeting Rooms • Hotels • Conference Centres
- Leisure Centres • Schools • Restaurants • Showrooms



Boundary Sound Barrier

Benefits

- **Up to 28dB reduction in noise***
- **Light weight**
- **Easy to install**
- **Able to be installed on uneven or sloping ground**
- **20-year guarantee subject to correct installation**

Applications

- **Residential premises**
- **Housing estates**
- **Construction sites**
- **Sports arenas**

Performance

The following data shows the results of field measurements which simulated the British Standard test procedures

Sound Reduction			
Distance from noise source	2.0m high fence	2.5m high fence	3.0m high fence
5m	13.6dB	16.5dB	17.4dB
10m	11.3dB	13.5dB	14.1dB
15m	10.3dB	12.5dB	12.9dB
20m	9.2dB	11.9dB	12.4dB

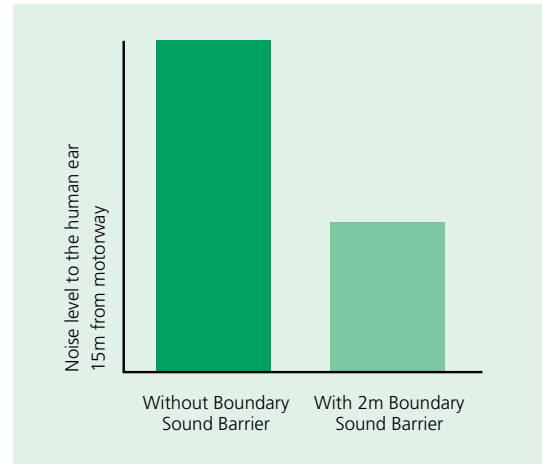
*Boundary Sound Barrier certified laboratory results

Rating according to BS EN 1793 – 2:1998

Category = B3

Laboratory sound reduction 28dB

Superficial Mass 28kg/m²



Installation

Please find all installation advice in our separate guide (sheet no. 45).

For expert installation, we offer our own installation service anywhere in the UK. Your installation will be performed to the highest standards by skilled and experienced tradesmen. These experts understand the importance of fitting acoustic materials absolutely perfectly and they have the specialist skills to ensure your John C Wilkins materials are fitted correctly every time. As they are both experienced and skilled, they are also able to provide a highly efficient and extremely cost-effective service.

**For further details, call John C Wilkins
Acoustic Installations on 01204 548400.**

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JOHN C WILKINS ACOUSTIC SUPPLIES

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