



## Boundary Sound Plus Barrier



### The Product

Boundary Sound Plus Barriers are ideal for applications where a significant reduction in noise penetration is required. They feature a unique timber 'tuning fork' post design, plus 125mm boards which have a combined interlocking 'V' tongue and groove profile. The inclusion of an additional absorptive layer with a protective membrane covering on one side of the panel allows them to reduce noise by an additional average of 4dB.

### Features

- **Timber construction**
- **Unique 'tuning fork' design posts**
- **Acoustic boards clamped between the posts by special fixings**
- **Can accommodate level or profile variations**
- **Timber capping and counter rail**

### Benefits

- **Up to 32dB reduction in noise\***
- **Easy installation**
- **Can accommodate sloping or uneven ground**
- **20-year guarantee subject to correct installation**

### Applications

- **Commercial premises**
- **Industrial premises**
- **Railways**
- **Residential areas**
- **Sports venues**

### 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
<b>5m</b>	<b>21.6dB</b>	<b>24.5dB</b>	<b>26.4dB</b>
<b>10m</b>	<b>19.3dB</b>	<b>21.5dB</b>	<b>22.1dB</b>
<b>15m</b>	<b>18.3dB</b>	<b>20.5dB</b>	<b>20.9dB</b>
<b>20m</b>	<b>17.2dB</b>	<b>19.9dB</b>	<b>20.4dB</b>

### \*Boundary Sound Barrier certified laboratory results

Rating according to BS EN 1793 – 2:1998 Category = B3

Laboratory sound reduction 32dB Superficial Mass 33kg/m<sup>2</sup>

### Installation

Please find all installation advice in our separate guide (sheet no. 47).

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.**

### APPLICATIONS

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