

Jacksons Fencing Specification Sheet

Jakoustic Barrier

Welcome to an acceptable level of noise and a better quality of life . . .

Jacksons fencing have launched a revolutionary acoustic barrier system that is designed to reduce noise to bring back the peace and quiet into your life.

All timber used is Jakcure pressure treated and is covered by out 25-year guarantee. This gives it lasting protection above and below ground against all wood boring pests and all forms of wet and dry rot.

The Jakoustic system comprises of our unique timber 'tuning fork' design posts and 125mm boards featuring an interlocking "vee" coupled with a tongue and groove. This special profile has been carefully developed to locate the boards in such a way that eliminates gaps that sound will easily travel through, even when boards shrink and expand with changes in the weather. The fence is finished with a capping and counter rail.



Jakoustic Barrier in residential application

It offers the additional advantages of:

Lower labour requirements, Quicker build on site, More efficient storage and transport, Improved acoustic protection.

Specification

The Jakoustic Barrier features attractive timber construction, an unique tuning fork design posts, special fixings clamp the acoustic boards between posts, can accommodate changes in level or profile and comes complete with capping and counter rail. Is easy to install and is light weight.

The Jakoustic Barrier can reduce noise by up to 28dB (Jakoustic barrier certified laboratory results: Rating according to BS EN 1793 - 2:1998, Category = B3, Laboratory sound reduction 28dB, Superficial Mass 28kg/m2)

Sound reduction achieved in tests on Jakoustic Barriers

Distance from noise generator	Fence height 2m	Fence height 2.5m	Fence height 3m
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

The above data shows the results from measurements taken during a field trial, which simulated the latest British Standard test procedure for acoustic fencing in a practical location.

Is suitable for use in the following application:

Residential, Commercial properties, Construction sites and Sports venues.

There are two more variations of the Jakoustic Barrier:

Jakoustic Plus (absorptive) - that offers extra noise protection of an additional layer of absorptive material contained within a plastic membrane.

Jakoustic Highway - specially designed to satisfy stringent highway standards, in heights up to 12m with steel posts

Gates

For a totally integrated acoustic barrier solution, Jacksons offer matching acoustic timber or galvanized steel framed gates. Configured as singles or pairs, swing or sliding, hung on timber or galvanized steel posts dependent on size.

Bespoke gates are available in large sizes.

Acoustic gates can be supplied in accordance with BS EN 1794-2 if requested.



Double leaf automated Jakoustic gate

Register on the website to gain access to Q40 specification documents and CAD drawings.

A fully made to measure service is available. All Jacksons fencing systems and gates maybe designed and manufactured to suit site conditions.

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Jacksons
Quality that lasts
Fine Fencing, Gates and More