



**Jacksons  
Fencing**

**ILDERTON  
PRIMARY  
SCHOOL**

## **Acoustic Fencing made simple with Jacksons**

As the land around us becomes a scarcer resource, we are increasingly having to build in areas where noise is an issue from rail, roads, and other sources. A simple, flexible, and effective way to address this noise pollution is acoustic fencing, which can reduce and absorb noise. From housing and schools to transport and retail, acoustic fencing addresses the growing impact of noise in every part of our lives.

Jacksons Fencing offers a complete acoustics solution, working closely with you to offer advice, guidance, and expertise at every step of the decision-making process. From design support to manufacturing and installation, we can provide tailored solutions that meet the unique needs of your project.

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Our unique Jakoustic® timber acoustic fencing system has been designed and proven to suit any size of project in any sector, with a wide range of products available.

Timber acoustic fencing is one of the most cost-effective, sustainable, and flexible solutions for noise reduction, easily adaptable to suit most ground conditions and contours.

Jacksons is very proud of the Jakoustic® product range, which contains some of the best performing products on the market. Our special profiles and tuning fork posts have been expertly developed to locate the acoustic boards in positions that eliminate the gaps that sound may travel through, even with changes in environmental conditions.

Combining design and installation expertise, high acoustic properties, and a natural façade, our acoustic fencing systems can deliver unrivalled environmental benefits, are highly sustainable, and come with an unrivalled 25 year guarantee.

Due to the complex nature of sound, it is never a case of 'one size fits all' – the length, height, type, and location of barrier required will always be determined by your site's needs. As such, we strongly recommend you contact a qualified sound engineer who will provide you with a detailed report to help you make an informed decision. Jacksons has a list of independent sound engineers that cover the country – please ask us for an engineer in your area and we'll be happy to pass you their details.

## Jakoustic® Reflective

Reduce noise by up to 28dB\* with Jakoustic® Reflective fencing. The barrier reflects the noise away from the fence by using heavy section planed interlocking timber boards, which eliminates gaps that sound can easily travel through. This attractive timber structure is ideal for commercial and residential properties, construction sites, and sports venues.

- Reduces noise by up to 28dB\*
- Anti-climb and anti-scale design
- High privacy barrier
- Can accommodate changes in level or profile
- Complete with capping and counter rail
- Matching pedestrian, swing, and tracked sliding gates available

\*Jakoustic® barrier certified laboratory results: Rating according to BS EN 1793-2:1998; category = B3; laboratory sound reduction 28dB; superficial mass 25kg/m<sup>2</sup>

## 12K Envirofence®

Our 12K Envirofence® is ideal for projects where a lower noise reduction is needed, such as around schools, parks, and housing developments where noise pollution is not too high. Its timber construction provides an attractive and natural appearance that is appropriate for low to medium risk applications.

- Lighter weight with a planed finish
- Achieves typical planning department acoustic specification of 10-12kg per sqm
- Complete with capping and counter rail
- Only available in reflective



Find out how you can benefit from our acoustic products - contact us on 0800 368 5430 or at [acoustic@jacksons-fencing.co.uk](mailto:acoustic@jacksons-fencing.co.uk)  
[www.jacksons-security.co.uk/acoustic-security-barriers](http://www.jacksons-security.co.uk/acoustic-security-barriers)

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## Jakoustic® Commercial and Highway Acoustic Fencing

The highly versatile Commercial and Highway Jakoustic® system has been designed for industrial and transport applications, providing the same level of noise protection as the original Jakoustic® barrier but designed for exposed locations with high wind loading. Jakoustic® Commercial and Highway meets stringent standards with its strength and rigidity.

- Available as Jakoustic® Reflective or Absorptive barrier
- Reduces noise by up to 28dB\*\*
- Galvanised steel I-beam posts for extra strength and rigidity
- Can accommodate changes in level or profile
- Optional timber capping, counter rails, and post cladding available
- Can be treated in accordance with National Highway Sector Scheme 4
- CE/UKCA marked to BS EN 14388:2005 as a whole system
- Meets Highways Agency standards BS EN 1794-1 and 2

\*\*Jakoustic® Commercial and Highway barrier certified laboratory results: Rating according to BS EN 1793-2:1998 (Category B3); BE EN 1794-1:2003 Annex A, B, C & E; designed in accordance with laboratory sound reduction 28dB; superficial mass 25kg/m<sup>2</sup>

## Jakoustic® Absorptive Acoustic Fencing

Jakoustic® Absorptive adds an absorptive layer made from mineral Rockwool fibre to a protective membrane on one side of the fence, with an aesthetically appealing timber construction on the other.

- Up to 32dB reduction in noise\*\*\*
- Can accommodate changes in level or profile
- Matching pedestrian, swing and tracked sliding gates
- Virtually any height to suit application
- High privacy barrier
- Can be added to Jakoustic® Commercial and Highway acoustic fencing\*\*\*\*

\*\*\*Jakoustic® PLUS absorptive layer barrier certified laboratory results; category B3 rating according to BS EN 1793-2:1998; category A3 rating according to BS EN 1793-1:1998; laboratory sound reduction 32dB approximate superficial mass 28kg/m<sup>2</sup>

\*\*\*\*Jakoustic® PLUS Absorptive Layer Commercial & Highway barrier certified laboratory results: category B3 rating according to BS EN 1793-2:1998; category A3 rating according to BS EN 1793-1:1998; laboratory sound reduction 32dB; approximate superficial mass 28kg/m<sup>2</sup>; BS EN 1794-1:2003, Annex A,B,C & E; designed in accordance with BS EN 1784-2:2003



### Need acoustic fencing for high security areas?

Our Jakoustic® Class 3 is the only acoustic barrier certified to LPS 1175 C5 (SR3), while our Trident® Jakoustic 2 and 3 systems are Government and Secured by Design approved. Designed to meet your acoustic requirements while providing a high security perimeter solution.



### The support you need

Need design support? Our in-house design team can prepare detailed specification drawings and wind loading calculations, helping you to make the best choice from your acoustics options. We also partner with sound engineers across the country who can advise upon the level and design of acoustic barrier required.



### Guaranteed for 25 years

Did you know all the timber Jacksons uses in the acoustic range is sourced from well-managed forests? It's also Jakcure® pressure treated and covered by our 25 year guarantee, giving it lasting protection above and below ground against wood-boring pests and all forms of wet and dry rot.

Find out how you can benefit from our acoustic products - contact us on 0800 368 5430 or at [acoustic@jacksons-fencing.co.uk](mailto:acoustic@jacksons-fencing.co.uk)  
[www.jacksons-security.co.uk/acoustic-security-barriers](http://www.jacksons-security.co.uk/acoustic-security-barriers)

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