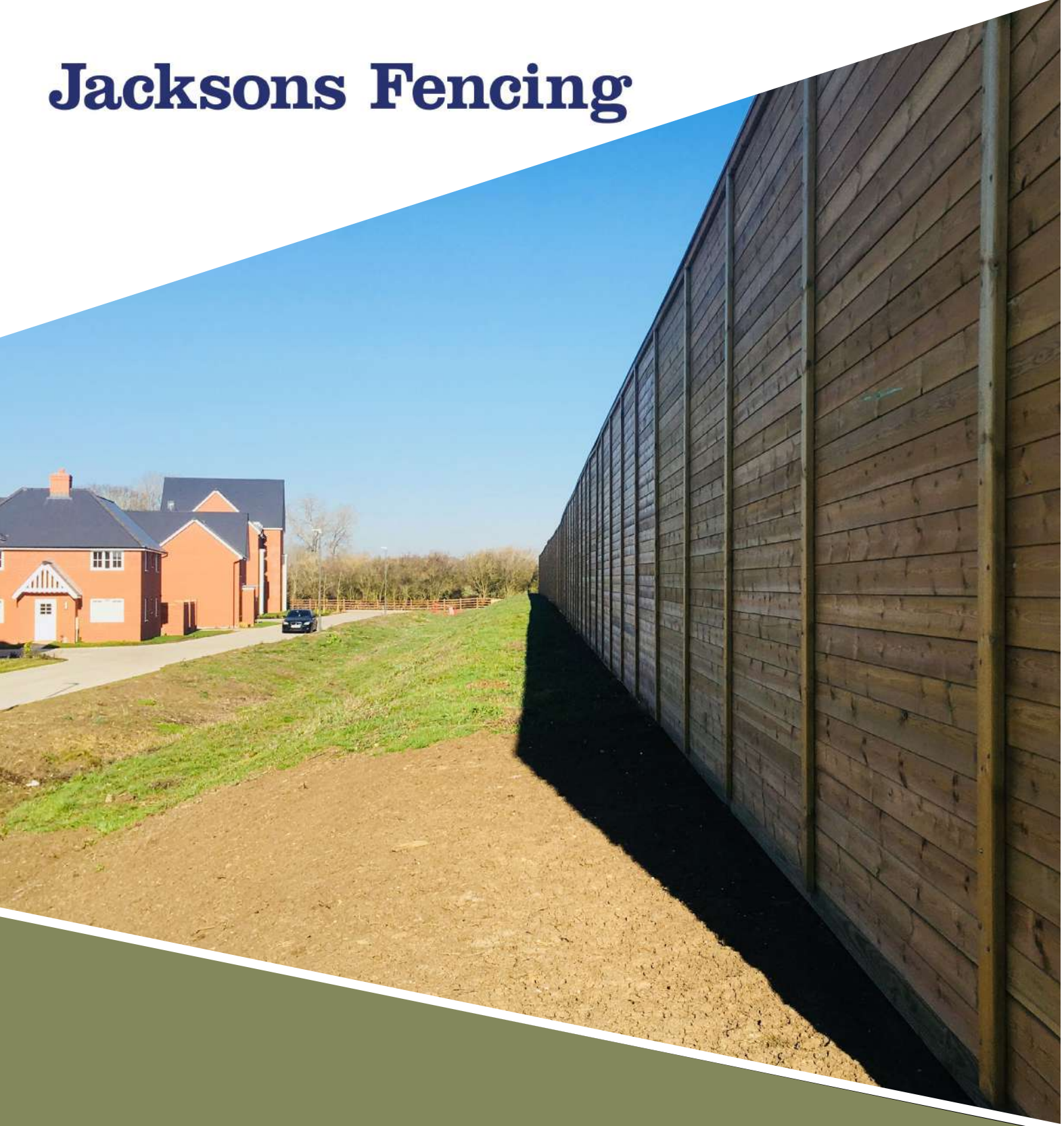


Jacksons Fencing



Reflective & Absorptive Acoustic Fencing | Acoustic Gates |
Commercial & Highway Acoustic Barriers





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6m high Jakoustic® Reflective with bespoke timber clad I-beams

JAKOUSTIC® BARRIER SYSTEM

KEEPING ENVIRONMENTAL NOISE IN CHECK SINCE 2004

When we developed and introduced the innovative Jakoustic® barrier system in 2004 it was in response to the need for an effective solution to the growing problem of noise pollution in the environment.

Since then, the increase in the UK population has fuelled house building and inevitably brought transport and infrastructure ever closer to residential property developments.

The Jakoustic® barrier system has been put to use in managing noise into and from sites across a wide variety of situations, from housing and schools, to transport, commercial, industrial and retail; while its performance, quality and natural timber façade has found favour with acoustics consultants, architects, developers, local authorities and homeowners alike.

THE GROWING CONCERN OF NOISE POLLUTION IN THE ENVIRONMENT

The World Health Organisation reports that noise is the second largest environmental cause of health problems, just behind the impact of air quality from particulate matter, and has set the European target limit of outdoor night noise levels at an annual average of 40 decibels (dB) in its new guidelines.

WHO findings revealed that people sleeping while exposed to night noise levels above 40dB on average throughout the year can suffer health effects like sleep disturbance and awakenings. Above 55dB long-term average exposure, noise can trigger elevated blood pressure and increase the risk of hypertension and premature deaths related to coronary heart disease and stroke.

Noise pollution in the environment is not just a matter for the bureaucrats to deal with through legislation. It affects all of us and it's our responsibility as good corporate citizens to ensure its effective management.

ENVIRONMENTAL NOISE AND LEGISLATION

The National Planning Policy Framework (NPPF) which supersedes the now withdrawn Planning Policy Guidance (PPG24), underlines and enforces key points in the Noise Policy Statement for England (NPSE), effectively meaning that it is now the responsibility of local authorities to implement acoustic guidance into local policy in context with government policy on sustainable development.

In practice, acoustic consultants are being brought in by architects, developers and construction companies at pre-planning stage on any project that could result in adverse impacts on the health and quality of life of local residents.

ACOUSTIC BARRIERS FOR ROAD NOISE APPLICATIONS

We are the first UK manufacturer of timber acoustic barriers who can CE mark both its Jakoustic® Commercial & Highways Reflective system and Jakoustic® Commercial & Highways Absorptive system as compliant with the requirements of BS EN 14388:2005, the harmonised standard relating to Road traffic noise reducing devices. This follows the successful type testing and validation of both systems, including posts, reflective and absorptive surfaces, fixings and installation method carried out by BSI.

ACOUSTIC NOISE BARRIER SYSTEMS

The proven and versatile Jakoustic® timber acoustic barrier system is available in any height up to three metres and in a number of versions that can reduce noise levels by up to 32 decibels to provide effective solutions to environmental noise pollution with low lifetime costs.

The basis of the Jakoustic® system features our unique timber 'tuning fork' design posts and boards with an interlocking 'v' and tongue and groove design. The special profile has been carefully developed to locate the boards in such a way that eliminates gaps that sound could travel through, even when boards shrink and expand with changes in the weather. The fence is finished with a capping and counter rail.

Our Commercial & Highways systems utilises the same basic structure, incorporating galvanised steel I-beams as opposed to timber tuning fork posts.

Jakoustic® Specification	12K Envirofence® Reflective (pg 5)	Jakoustic® Reflective (pg 7)	Jakoustic® Absorptive (pg 9)	Jakoustic® Commercial & Highway Reflective (pg 11)	Jakoustic® Commercial & Highway Absorptive (pg13)
Laboratory Tested/ Compliance	Not Tested	Category B3 BS EN 1793-2:1998	Category B3 BS EN 1793-2:1998 Category A3 BS EN 1793-1:1998	Category B3 BS EN 1793-2:1998 BS EN 1974-1 and 2 BS EN 14388:2005 (CE marking)*	Category B3 BS EN 1793-2:1998 Category A3 BS EN 1793-1:1998 BS EN 1794-1 and 2 BS EN 14388:2005 (CE marking)*
Timber Board Dimensions	20mm x 139mm Effective height 123mm	34mm x 143mm Effective height 123mm	34mm x 143mm plus additional absorptive layer covered with protective membrane Effective height 123mm	34mm x 143mm Effective height 123mm	34mm x 143mm Plus additional absorptive layer covered with a protective membrane Effective height 123mm
Noise Reduction	Meets minimum requirements for an acoustic barrier	Up to 28dB	Up to 32dB	Up to 28dB	Up to 32dB
Superficial Mass	10-12kg/m²	25kg/m²	28kg/m²	25kg/m²	28kg/m²
Posts	For heights up to 2.0m use standard timber tuning fork posts For 2.1m - 3.0m height use standard tuning fork posts + steel spur post galvanised & powder coated black	For heights up to 2.0m use standard timber tuning fork posts For 2.1m - 3.0m height use standard tuning fork posts + steel spur post galvanised & powder coated black	For heights up to 2.0m use standard timber tuning fork posts For 2.1m - 3.0m height use standard tuning fork posts + steel spur post galvanised & powder coated black	Steel I-Beams Standard galvanised to BS EN ISO 1461	Steel I-Beams Standard galvanised to BS EN ISO 1461
CE Marked System for Road Noise	-	No	No	Yes	Yes
In-ground Posts	Yes	Yes	Yes	Yes	Yes
Base-plated Post Options	-	Optional	Optional	Optional	Optional
National Highway Sector Scheme 4	Timber can be treated and certified to National Highway Sector Scheme 4	Timber can be treated and certified to National Highway Sector Scheme 4	Timber can be treated and certified to National Highway Sector Scheme 4	Timber can be treated and certified to National Highway Sector Scheme 4	Timber can be treated and certified to National Highway Sector Scheme 4
National Highway Sector Scheme 2C	-	-	-	Yes	Yes
High Wind Loading	Optional	Optional	Optional	Optional	Optional
Up to 3.0m High	Yes	Yes	Yes	Yes	Yes
Above 3.0m High	-	-	-	Yes	Yes

*Please note: BS EN 14388:2015 is the latest standard but is not yet harmonised and hence cannot be used for CE marking

12K ENVIROFENCE®



12k Envirofence® is ideal for projects where there is a need for a barrier that meets with minimum superficial mass requirements. While it has not been subject to laboratory testing, 12k Envirofence® offers a cost-effective solution for situations where lower level of noise reduction is acceptable in applications subject to low to moderate wind loads. Its timber construction provides an attractive natural appearance that is appropriate for housing developments, retail and leisure facilities, schools, parks, and construction sites.

- 25 year guarantee using Jakcure® vacuum pressure treated timber
- Overlength timber tuning fork posts for setting in concrete as standard
- Barrier heights from 1.8m – 2.0m supplied with timber tuning fork posts (for general applications with low to moderate wind loads)
- Barrier heights of 2.1m - 3.0m include galvanised and/or powder coated steel spur posts
- Barrier heights from 2.1m – 5.0m may be specified with galvanised steel I-beam posts to suit ground and location conditions
- 20mm x 139mm x 4.8m (planed) boards with small chamfers which form a V-join between boards
- Complete with capping and counter rail
- Capping rail 34mm x 145mm x 4.8m (planed)
- Counter rail size 34mm x 70mm x 2.4m (planed)



Key Features	Benefits
Reflective barrier type	Lower cost
Timber construction	Timber façade offers low visual impact
10-12kg per sqm superficial mass	Meets minimum planning specification for 10-12kg per sqm superficial mass for an acoustic barrier
Lighter weight boards with same 125mm cover face as Jakoustic® barriers	Fast and easy to install
Jakcure® vacuum pressure treated	25 year guarantee
Planed timber finish	Suitable for installation on uneven and sloping ground
Flat face anti-climb design	Timber conforms fully to the EUTR (European Timber Regulations)

HEIGHT (MM)	POST CENTRES (MM)	SPUR POST (MM)	OVERALL POST LENGTH (MM)
2000	2410	N/A	2900
2500	2410	2000	3400
3000	2410	2500	3900

APPLICATIONS

- Residential
- Schools
- Parks
- Demarcation
- Low - medium risk security sites

POST OPTIONS

- Timber tuning fork posts for heights up to 3m

FINISHES

- Jakcure® treated timber as standard
- Spur posts hot dip galvanised to BS EN ISO 1461 and/or powder coated
- Planed timber finish

JAKOUSTIC® REFLECTIVE



The Jakoustic® Reflective barrier is particularly effective in reflecting noise away from its face by employing heavy section planed timber boards with deep interlocking 'v' tongue and groove joints, coupled to tuning fork posts that clamp the boards together to eliminate gaps that sound could easily travel through.

Offering up to 28dB* reduction in noise, it has been designed for construction on site and can accommodate changes in site levels or profile.

- Approximate superficial mass 25kg/m²
- Heights from 1.8m - 3.0m available as standard
- 25 year guarantee using Jakcure® vacuum pressure treated timber
- Overlength timber tuning fork posts for setting in concrete as standard
- Heights to 2.0m supplied with timber tuning fork posts (for general applications with low to moderate wind loads)
- Heights of 2.1m - 3.0m include timber tuning fork posts and galvanised and/or powder coated steel spur posts
- 34mm x 143mm x 4.8m (planed) boards with unique deep interlocking 'v' tongue and groove joint
- Complete with capping and counter rail
- Capping rail 34mm x 145mm x 4.8m (planed)
- Counter rail size 34mm x 70mm x 2.4m (planed)
- For additional strength against higher wind loading see Jakoustic® Commercial & Highway Reflective (page 11)
- Rating according to BS EN 1793- 2:1998; Category = B3
- Laboratory sound reduction 28dB*



Key Features	Benefits
Reflective barrier type	Up to 28dB* reduction in noise
34mm thick 'V' boards	Timber conforms fully to the EUTR (European Timber Regulations) requirements
25kg/m ² superficial mass	Easy to install
Planed timber finish	Attractive timber façade
Jakcure® vacuum pressure treated	25 year guarantee
Flat face anti-climb design	High privacy design offering good security
Matching pedestrian, swing and tracked sliding gates	Suitable for installation on uneven and sloping ground

*Jakoustic® barrier certified laboratory results: Rating according to BS EN 1793- 2:1998; category = B3; laboratory sound reduction 28dB.

HEIGHT (MM)	POST CENTRES (MM)	SPUR POST (MM)	OVERALL POST LENGTH (MM)
2000	2410	N/A	2900
2500	2410	2000	3400
3000	2410	2500	3900

APPLICATIONS

- Housing
- Commercial / industrial properties
- Data centres
- Retail
- Logistics
- Low / medium wind conditions

POST OPTIONS

- Timber tuning fork posts for heights up to 3m

FINISHES

- Jakcure® treated timber as standard
- Spur posts hot dip galvanised to BS EN ISO 1461 and/or powder coated
- Planed timber finish

JAKOUSTIC® ABSORPTIVE



The Jakoustic® Absorptive barrier is designed specifically to keep noise within a contained space and is typically used around continuous power supply generators, air conditioner compressors, waste compactors and goods loading areas.

Jakoustic® Absorptive takes the proven Jakoustic® Reflective design of heavy section planed timber boards with deep interlocking 'v' tongue and groove joint, coupled to tuning fork posts, and adds an absorptive layer of a mineral Rockwool fibre and protective membrane to one side of the barrier.

Offering up to 32dB* reduction in noise, it has been designed for faster installation times on site and can accommodate changes in site levels or profile.

- Approximate Superficial Mass 28kg/m²
- Heights from 1.8m – 3.0m available as standard
- 25 year guarantee using Jakcure® vacuum pressure treated timber
- Absorptive layer of a mineral Rockwool fibre and protective membrane to one side
- Overlength timber tuning fork posts for setting in concrete as standard
- Heights to 2.0m supplied with timber tuning fork posts (for general applications with low to moderate wind loads)
- Heights of 2.1m - 3.0m include timber tuning fork posts and galvanised and/or powder coated steel spur posts
- 34mm x 143mm x 4.8m (planed) boards with unique deep interlocking 'v' tongue and groove joint
- Complete with capping and counter rail
- For additional strength against higher wind loading see Jakoustic® Commercial & Highway Absorptive (page 13)
- Rating according to BS EN 1793- 2:1998; Category = B3
- Rating according to BS EN 1793-1:1998; Category = A3
- Laboratory sound reduction 32dB



Key Features	Benefits
Absorptive barrier type	Up to 32dB* reduction in noise
Unique tuning fork design posts	Timber façade offers low visual impact
28kg/m ² superficial mass	Fast and easy to install
Planed timber finish	Attractive timber construction
Absorptive layer of a mineral Rockwool fibre and protective membrane to one side	Timber conforms fully to the EUR (European Timber Regulations)
Jakcure® vacuum pressure treated	25 year guarantee
Flat face anti-climb design	High privacy design offering good security
Matching pedestrian, swing and tracked sliding gates	Suitable for installation on uneven and sloping ground

*Jakoustic® barrier certified laboratory results: Rating according to BS EN 1793- 2:1998; Category = B3. Rating according to BS EN 1793-1:1998; Category=A3. Laboratory sound reduction 32dB.

HEIGHT (MM)	POST CENTRES (MM)	SPUR POST (MM)	OVERALL POST LENGTH (MM)
2000	2410	N/A	2900
2500	2410	2000	3400
3000	2410	2500	3900

APPLICATIONS

- Commercial properties
- Retail
- Logistics
- Industry
- Demarcation
- Low / medium wind conditions

POST OPTIONS

- Timber tuning fork posts for heights up to 3m

FINISHES

- Absorptive face clad in black membrane with vertical timber battens as standard
- Spur posts hot dip galvanised to BS EN ISO 1461 and powder coated black as standard
- Planed timber finish

JAKOUSTIC® COMMERCIAL & HIGHWAY REFLECTIVE



The Jakoustic® Commercial & Highway Reflective barrier system has been designed for commercial and highway applications, providing the same level of noise protection as the original Jakoustic® Reflective barrier, but it can be additionally CE marked as a whole system for road infrastructure.

Jakoustic® interlocking 'V' boards are affixed to galvanised steel I-beam posts for additional strength and rigidity, meeting not only stringent Highways Agency standards BS EN1794-1 and 2, but also ideally suited for application in exposed locations subject to high wind loading. The system is available with matching capping, counter rails and timber cladding to posts to further enhance its appearance. The complete acoustic barrier system can be CE marked as compliant with the requirements of EN 14388:2005 relating to road traffic noise reducing devices.

- Can be CE marked as compliant with the requirements of harmonised standard EN 14388:2005 relating to traffic noise reducing devices
- Timber can be treated to National Highway Sector Scheme 4 and the system can be installed in compliance with National Highway Sector Scheme 2C
- Approximate Superficial Mass 25kg/m²
- Up to 28dB* noise reduction
- Overlength galvanised steel I-beam posts for setting in concrete as standard
- 34mm x 143mm x 4.8m (planed) boards with unique deep interlocking "V" tongue and groove joint
- Capping rail 34mm x 145mm x 4.8m (planed)
- Counter rail size 34mm x 70mm x 2.4m (planed)
- Can accommodate changes in level or profile
- Anti climb and scale design
- Matching pedestrian, swing and tracked sliding gates
- Heights from 1.8m available as standard
- 25 year guarantee using Jakcure® vacuum pressure treated timber

Key Features	Benefits
Reflective barrier type	Up to 28dB* reduction in noise
Attractive timber construction	Timber façade offers low visual impact
25kg/m ² superficial mass	Fast and easy to install
Planed timber finish	Timber conforms fully to the EUR (European Timber Regulations)
Jakcure® vacuum pressure treated	Suitable for installation on uneven and sloping ground
Flat face anti-climb design	High privacy design offering good security
Matching pedestrian, swing and tracked sliding gates	Can be CE Marked as compliant with the requirements of current harmonised standard EN 14388:2005 relating to traffic noise reducing devices
Heights from 1.8m+	Meets Highways Agency standards BS EN 1794-1 and 2
Jakcure® 25-year guarantee	Suitable for exposed sites subject to high wind loading

**Jakoustic® Commercial and Highway barrier certified laboratory results:
Rating according to BS EN 1794-1 Amex A, B, C, F, E*

Jakoustic® Highway Laboratory sound reduction 28dB Superficial Mass 25kg/m²

Designed in accordance with BS EN 1794-2 (Detailed compliance statements available)

APPLICATIONS

- Highways
- Construction sites
- Commercial properties
- Logistics
- Railways
- Sites subject to high wind loading

POST OPTIONS

- Base plated galvanised steel I- beam posts to bolt down to concrete base foundations
- Overlength steel I-beam posts

GATES

- Matching gates available

FINISHES

- One face showing Jakcure® treated timber on posts as standard
- Steel I-beam posts hot dip galvanised to BS EN ISO 1461
- Planed timber finish

JAKOUSTIC® COMMERCIAL & HIGHWAY ABSORPTIVE



The Jakoustic® Commercial & Highway Absorptive barrier system has been designed for commercial and highway applications, providing the same level of noise protection as the original Jakoustic® Absorptive barrier, but it can be additionally CE marked as a whole system for road infrastructure.

The barrier takes the proven Jakoustic® Commercial & Highway Reflective design of heavy section planed timber boards with deep interlocking 'v' tongue and groove joint and adds an absorptive layer of mineral Rockwool fibre and protective membrane to one side to achieve a noise reduction of up to 32dB*. The barrier is fixed to galvanised steel I-beam posts for additional strength and rigidity, meeting not only stringent Highways Agency standards BS EN1794-1 and 2, but also ideally suited for exposed locations subject to high wind loading. The Jakoustic® Commercial & Highway Absorptive system is available with matching timber capping and counter rails to further enhance its appearance. The complete acoustic barrier system can be CE marked as compliant with the requirements of EN 14388:2005 relating to road traffic noise reducing devices.

- Can be CE marked as compliant with the requirements of harmonised standard EN 14388:2005 relating to traffic noise reducing devices
- Timber can be treated to National Highway Sector Scheme 4 and the system can be installed in compliance with National Highway Sector Scheme 2C
- Approximate Superficial Mass 28kg/m²
- Heights from 1.8m available as standard
- 25 year guarantee using Jakcure® vacuum pressure treated timber
- Absorptive layer of a mineral Rockwool fibre and protective membrane to one side
- Overlength galvanised steel I-beam posts for setting in concrete as standard
- Complete with capping and counter rail (optional)
- Absorptive layer can be installed to the continuous 'clad' face or 'between posts'
- Rating according to BS EN 1793- 2:1998; Category = B3
- Rating according to BS EN 1793-1:1998; Category = A3
- Laboratory sound reduction 32dB*



Key Features	Benefits
Absorptive barrier type	Up to 32dB* reduction in noise
Attractive timber construction	Timber façade offers low visual impact
28kg/m ² superficial mass	Fast and easy to install
Planed timber finish	Timber conforms fully to the EUR (European Timber Regulations)
Absorptive layer of mineral Rockwool fibre and protective membrane to one side	Can be CE Marked as compliant with the requirements of EN 14388:2005 relating to traffic noise reducing devices
Jakcure® vacuum pressure treated	Suitable for installation on uneven and sloping ground
Flat face anti-climb design	High privacy design offering good security
Matching pedestrian, swing and tracked sliding gates	Jakcure® 25-year guarantee

*Jakoustic® barrier certified laboratory results:

Rating according to BS EN 1793- 2:1998; Category = B3.

Rating according to BS EN 1793-1:1998; Category=A3. Laboratory sound reduction 32dB.

Rating according to BS EN 1794-1 Amex A, B, C, F, E

APPLICATIONS

- Commercial properties
- Retail
- Logistics
- Industry
- Railways
- Sites subject to high wind loading

POST OPTIONS

- Base plated galvanised steel I- beam posts to bolt down to concrete base foundations
- Overlength steel I-beam posts

GATES

- Matching gates available

FINISHES

- One face showing Jakcure® treated timber on posts as standard
- Steel I-beam posts hot dip galvanised to BS EN ISO 1461
- Absorptive face clad in black membrane with vertical timber battens as standard
- Planed timber finish

JAKOUSTIC® GATES



For a totally integrated, acoustic barrier solution we offer matching Jakoustic® timber or galvanised steel framed gates for pedestrian and vehicular access.

Configured as singles or pairs to match the Jakoustic® Reflective or Absorptive barrier systems, gates are available in swing and tracked sliding designs for manual or automated operation.

Swing Gates

Available in a range of sizes*.

Swing gates can be hung on timber or galvanised, or galvanised and powder coated steel posts, dependent on size, with the addition of optional lintels if required.



Tracked Sliding Gates

Available in a range of sizes, please ask for more details.

The largest Jakoustic® tracked sliding gate that we have manufactured and installed to date is 3.5m high x 21m wide single leaf - but we can do larger.

*note: about the importance of automation on swing gates that generally exceed 6.5sqm per leaf



APPLICATIONS

- Commercial properties
- Retail
- Logistics
- Industry
- Sites subject to high wind loading

FINISHES

- Jakcure® treated timber as standard
- Posts are hot dip galvanised to BS EN ISO1461 as standard

HIGH SECURITY JAKOUSTIC® CLASS 3 & TRIDENT BARRIERS

As the UK's leading manufacturer of certified security fencing systems, we are the only manufacturer able to offer a range of Jakoustic® timber barrier systems that have been successfully tested by Centre for the Protection of National Infrastructure (CPNI), Loss Prevention Certification Board (LPCB) and approved by Secured by Design as meeting with police preferred specification.

The beauty of the Jakoustic® Class 3 and Trident® systems is that they provide assured levels of security without projecting an intimidating presence or drawing attention to site activities; they also offer the added benefits of certified noise reduction capabilities and a high degree of privacy.

Due to the nature of high security products, detailed specifications may be subject to both secrecy and commercial confidentiality agreements and are not made available in the public domain. For more information on these products, please contact our High Security Specialist Team on 0800 408 4767 or email highsecurity@jacksons-security.co.uk

JAKOUSTIC® CLASS 3



Jakoustic® Class 3 with Rota Spike® Topping

Jakoustic® Class 3 is a variant of the Jakoustic® Reflective barrier that has been tested and certified by LPCB to LPS 1175 C5 (SR3) to provide moderate resistance to determined attempts of forced entry using a range of techniques employing hand and portable power tools.

- LPS 1175 C5 (SR3) / F1 Certified as standard.
- Can be upgraded to G1 Certification. Contact our sales team for more information.
- Double layer of 34mm thick timber boards provide a high level of resistance to cutting
- Approximate Superficial Mass 25kg/m²
- Anti-climb design with completely flat face allowing no foot or hand holds
- Zero visibility through barrier
- Can accommodate changes in ground level or profile
- Hot dip galvanised I-beam posts
- Range of security toppings available
- Up to 28dB* noise reduction
- Available at heights from 2.5 to 6m
- Secured by Design Preferred Specification
- 25 year guarantee using Jakcure® vacuum pressure treated timber



HEIGHT (MM)	POST CENTRES (MM)	GRADIENTS	ANGLES IN FENCE LINE
2500 - 6000	2410	0° TO 18.5°	90°, 180° OR 270°

*Jakoustic® barrier certified laboratory results: Rating according to BS EN 1793- 2:1998; category = B3; laboratory sound reduction 28dB.

CERTIFICATION

- LPS 1175 C5 (SR3) / F1 Certified
- Can be upgraded to meet G1 Certification
- Secured by Design Preferred



FINISHES

- Jakcure® treated timber as standard
- Posts are hot dip galvanised to BS EN ISO1461 as standard
- Optional powder coated posts to BS EN 13438
- Additional marine coating for installations within 500m of salt water or estuary

CONTACT

- For detailed specifications, please contact our High Security Team on 0800 408 4767 or email high.security@jacksons-security.co.uk

TRIDENT® JAKOUSTIC® 2

Trident® Jakoustic® 2 system is of a dual layer construction comprising a single facing of interlocking 'V' timber boards, lined with a layer of steel mesh to 1.70m above ground. The interlocking 'V' coupled to a tongue and groove eliminates gaps even when boards shrink and expand with changes in the weather.

The totally flat attack face, steel mesh lining and combination of dissimilar construction materials makes the fence difficult to scale or penetrate.

Trident® Jakoustic® 2 hides its security capability as the mesh lining is fixed to the back of the barrier.



- Secured by Design Preferred Specification
- Up to 28dB* noise reduction
- Superficial Mass 25kg/m²
- Jakcure® vacuum pressure treated timber
- Flat face allowing no foot or hand holds
- Zero visibility through barrier
- Can accommodate changes in ground level or profile
- Post extensions as standard to carry 3 rows of barbed wire topping or may be specified to carry other toppings
- 25-year Jakcure® treatment guarantee

HEIGHT INCLUDING TOPPING (MM)	TOPPING HEIGHT (MM)	POST CENTRES (MM)	TOPPING
3000	600	2410	3 ROWS OF BARBED WIRE

*Jakoustic® barrier certified laboratory results: Rating according to BS EN 1793- 2:1998; category = B3; laboratory sound reduction 28dB.

CERTIFICATION

- Secured by Design Preferred



FINISHES

- Jakcure® treated timber as standard
- Galvanised mesh as standard
- Posts are hot dip galvanised to BS EN ISO1461 as standard
- Optional hot dip galvanised and powder coated posts to BS EN 1343

- Optional hot dip galvanised and marine coating for installations within 500m of salt water or estuary

CONTACT

- For detailed specifications, please contact our High Security Team on 0800 408 47 67 or email high.security@jacksons-security.co.uk

TRIDENT® JAKOUSTIC® 3

Trident® Jakoustic® 3 represents the ultimate in timber security barrier systems.

It is of a sandwich construction comprising two facings of interlocking 'V' timber boards, lined internally with a layer of high security steel mesh to 2.28m above ground.

The interlocking 'V' coupled to a tongue and groove eliminates gaps even when boards shrink and expand with changes in the weather.

The totally flat faces, double layer of 34mm thick timber and high security steel mesh liner provide a combination of unlike construction materials that makes the fence extremely difficult to scale or penetrate through and is equally effective against attempts to gain entry into or exit from secure sites.

- Secured by Design Preferred Specification
- Dual layer of 34mm thick timber acoustic boards
- Reinforcing layer of galvanised high security mesh
- 28dB* or greater noise reduction potential from increased superficial mass
- Superficial Mass 25kg/m² (for each timber face)
- Jakcure® vacuum pressure treated timber
- Flat face allowing no foot or hand holds
- Zero visibility through barrier
- Can accommodate changes in ground level or profile
- Post extensions as standard to carry 3 rows of barbed wire topping or may be specified to carry other toppings
- 25-year Jakcure® treatment guarantee



HEIGHT (MM)	TOPPING HEIGHT (MM)	POST CENTRES (MM)	TOPPING
3900	600	2410	3 ROWS OF BARBED WIRE

*Jakoustic® barrier certified laboratory results: Rating according to BS EN 1793- 2:1998; category = B3; laboratory sound reduction 28dB.

CERTIFICATION

- Secured by Design Preferred



FINISHES

- Jakcure® treated timber as standard
- Galvanised mesh as standard
- Posts are hot dip galvanised to BS EN ISO1461 as standard
- Optional hot dip galvanised and powder coated posts to BS EN 1343

- Optional hot dip galvanised and marine coating for installations within 500m of salt water or estuary

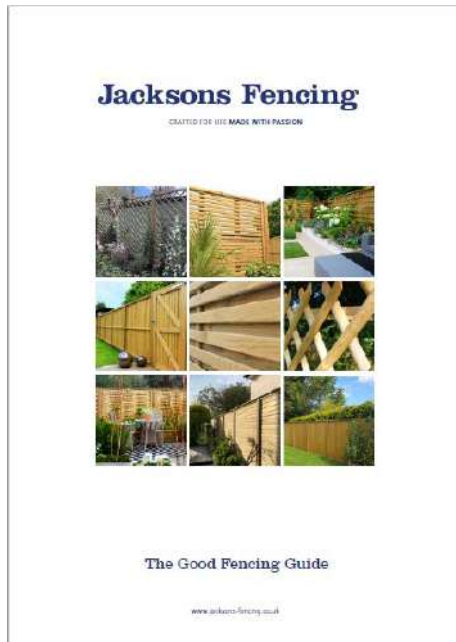
CONTACT

- For detailed specifications, please contact our High Security Team on 0800 408 4767 or email high.security@jacksons-security.co.uk

SEE OUR OTHER BROCHURES FOR MORE RANGES...

The Good Fencing Guide showcases our range of timber products designed for residential and agricultural settings, including garden panels, garden gates, trellis and decking.

Visit our website to download or order a copy at www.jacksons-fencing.co.uk/request-a-brochure



We offer a range of steel fencing, vehicle control barriers and hostile vehicle mitigation products suited to a range of applications including commercial premises, schools, high security sites, critical national infrastructure and sports pitches.

Visit our website to download or order a copy at www.jacksons-security.co.uk/request-a-brochure



CONTACT US

Jakoustic® Acoustic Barrier

For more information on the Jakoustic® range of environmental noise barriers including detailed specifications, technical drawings and certificates, please contact our Acoustic Team on 0800 408 4767 or email acoustic@jacksons-fencing.co.uk

Jakoustic® High-Security Barriers

To discuss requirements for high security versions of Jakoustic®, please contact our High Security Team on 0800 4767 or email high.security@jacksons-fencing.co.uk

Jacksons Commercial Solutions

To discover more about the full range of Jacksons fencing and access solutions in steel, timber and timber and steel combinations, automated gates and outdoor storage compounds for commercial, education and industrial applications, please contact our Commercial Team on +44 (0)1233 750 393 or email commercial@jacksons-fencing.co.uk

Jacksons for Homeowners

In addition to our commercial and security products, Jacksons is one of the UK's leading manufacturers and suppliers of timber fencing, gates, decking, garden structures, landscaping timbers, household waste and recycling storage to homeowners, for more information, please contact our Retail Team on +44 (0) 1233 750 393 or email sales@jacksons-fencing.co.uk

Registered Trademarks

Continuous Improvement

We operate a continuous improvement policy throughout the organisation. Products and specifications are subject to change without notification.

Alarm-aFence®
Barbican Defender®
Barbican Imperial®
Barbican®
Cobra®
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Jacksons Fencing has a certified Quality Management System
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