

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
Planned 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
- Planned timber finish