



Jakoustic® Commercial and Highway

Jakoustic® Commercial & Highway barrier system has been designed for commercial and highway applications, providing the same level of noise protection as the original Jakoustic® barrier.

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.

The timber used in its construction can be treated in compliance with the National Highway Sector Scheme 4 standard.

- Can be CE marked as compliant with the requirements of EN 14388:2005 relating to traffic noise reducing devices
- Approximate Superficial Mass 25kg/m<sup>2</sup>
- Up to 28dB\* noise reduction
- Overlength galvanised steel I-beam posts for setting in concrete as standard
- 34mm x 143mm x 4.8m (nominal) board with unique deep interlocking "V" tongue and groove joint (123mm cover width)
- 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
- Can be treated in compliance with National Highway Sector Scheme 4
- Anti climb and scale design
- Matching pedestrian, swing and tracked sliding gates
- Heights from 1.8m - 12m available as standard
- 25 year guarantee using Jakcure® vacuum pressure treated timber



\*Jakoustic® Commercial and Highway barrier certified laboratory results:

Rating according to BS EN 1793-2:1998 (Category B3)

BS EN 1794-1:2003, Annex A,B,C & E

Designed in accordance with BS EN 1794-2:2003 (Detailed compliance statements available)

Jakoustic Highway Laboratory sound reduction 28dB Superficial Mass 25kg/m<sup>2</sup>

\*\*Some highway applications need specific approvals, please discuss your requirements with an acoustic sales advisor

## APPLICATIONS

- ✓ Industrial
- ✓ Highway \*\*
- ✓ Railways
- ✓ Sports venues
- ✓ Commercial properties

## POST OPTIONS

- Overlength steel I beam posts for fence heights up to 5m
- Base plated steel I beam posts to bolt down to concrete base foundations

## GATES

Matching gates available

## FINISHES

- Jakcure® treated timber as standard
- Posts hot dipped galvanised to BS EN ISO 1461 as standard