

Key Features

- Tanalised® timber
- Tested to BS EN 1793
- Trusted Linnell Bros Quality with 10-15-year service life
- Design Level Difference (DLR) of 26dB
- Available in green or brown



The Noise Reflect acoustic fencing system from Linnells achieves a certified Design Level Difference of 26 dB, tested in accordance with BS EN 1793-2 and conforming to BS EN ISO 10140-2:2021. Panels are designed to limit the transmission of traffic and

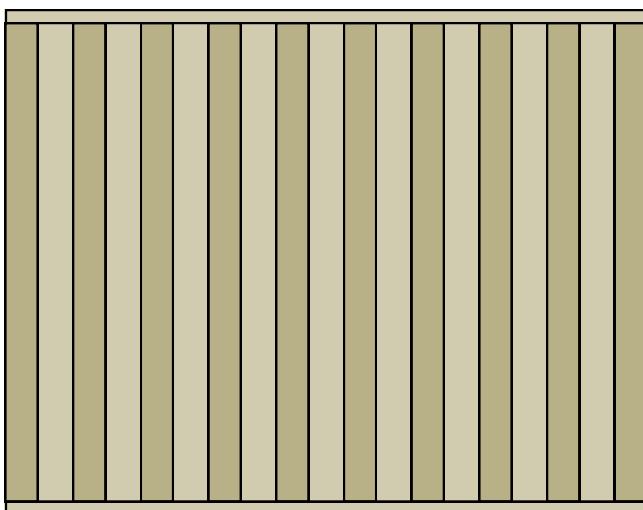
environmental noise, providing effective attenuation across the relevant frequency range for roadside, rail, and industrial applications.

Panels are engineered to form a continuous acoustic barrier, with close-fitting joints to minimise sound leakage and maintain consistent performance.

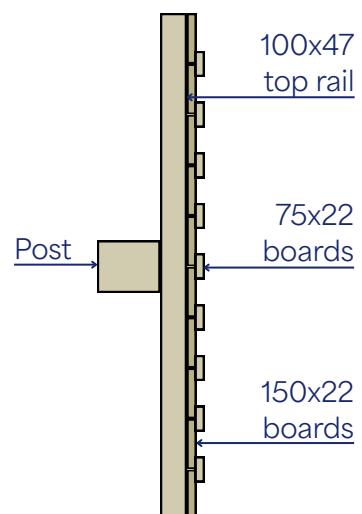
Available in heights from 1.8m to 4.8m, each fence is cut to size to suit individual project requirements. All fencing is processed at our on-site mill, supplied either as kits or prefabricated for efficient installation. Depending on fence height, post centres are 1.8m or 2.4m.

For further information about Noise Reflect, give our team a call on 01327 354422, email info@linnellbros.co.uk or visit us in store.

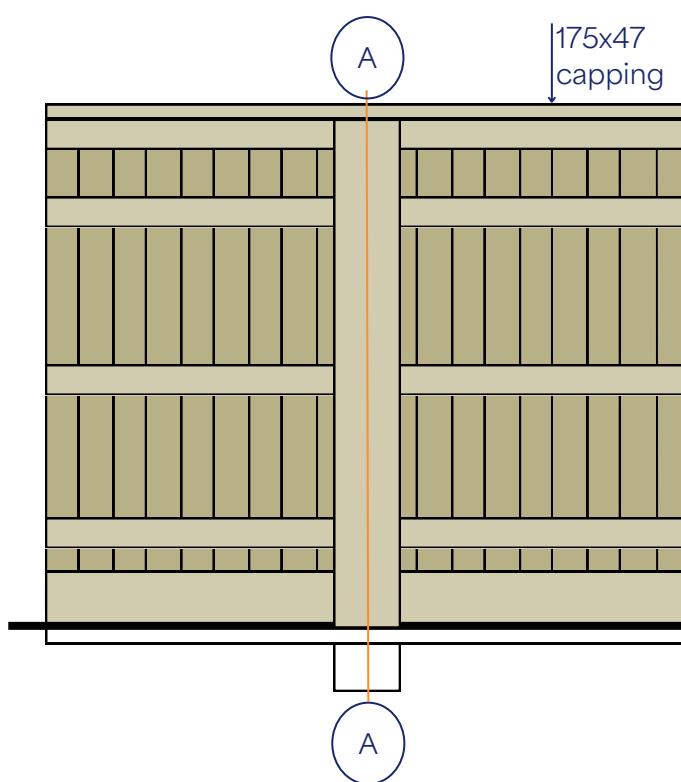
FRONT VIEW



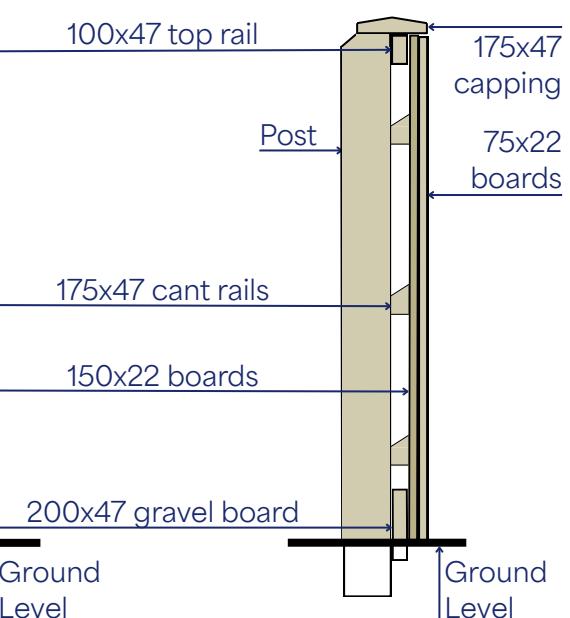
PLAN VIEW
(Capping omitted)



REAR VIEW



SECTION
A-A



BS EN 1793-2: 2018

Acoustics - Road Traffic Noise Reducing Devices

Test method for determining the acoustic performance

Source Room		Receiving Room	
Volume	136m ³	Volume	222m ³
Temperature	19.8°C	Temperature	19.8°C
Relative Humidity	58.1%	Relative Humidity	58.1%
Average density: 25.6kg/m ³			

RATING ACCORDING TO BS EN 1793-3: 1998

$$DL_R = 26\text{dB}$$

Frequency (Hz)	R (dB)
100	18.7
125	20.7
160	21.0
200	21.1
250	22.8
315	24.2
400	25.5
500	26.9
630	27.5
800	28.3
1000	28.8
1250	28.9
1600	28.8
2000	26.8
2500	24.5
3150	26.2
4000	27.2
5000	25.9

