

# Linnell Noise Reflect Grooved

## Key Features

- Tanalised® timber
- Tested to BS EN 1793
- Trusted Linnell Bros Quality with 10-15-year service life
- Design Level Difference (DLR) of 24dB
- Available in green or brown



The Noise Reflect Grooved acoustic fencing system from Linnells achieves a certified Design Level Difference of 24 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.

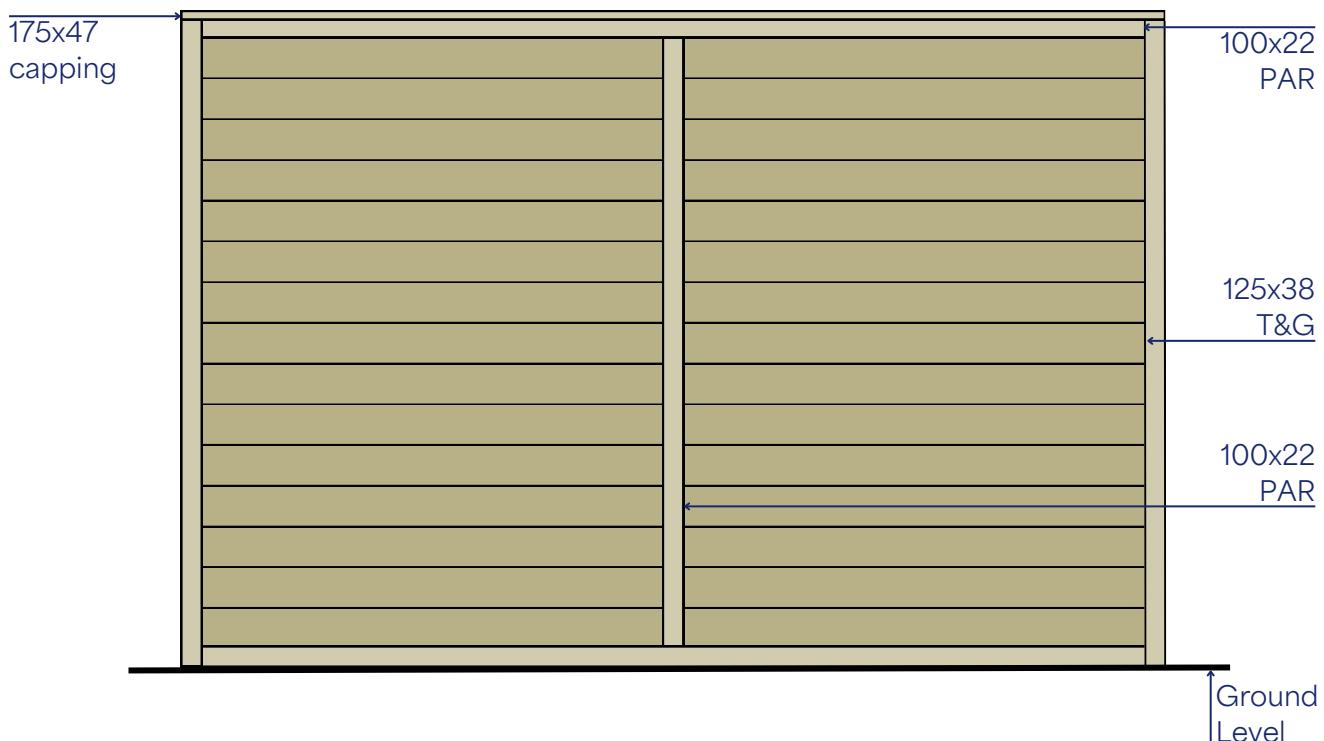
Panels are engineered to form a continuous acoustic barrier, with close-fitting joints to minimise sound leakage and maintain consistent performance.

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.

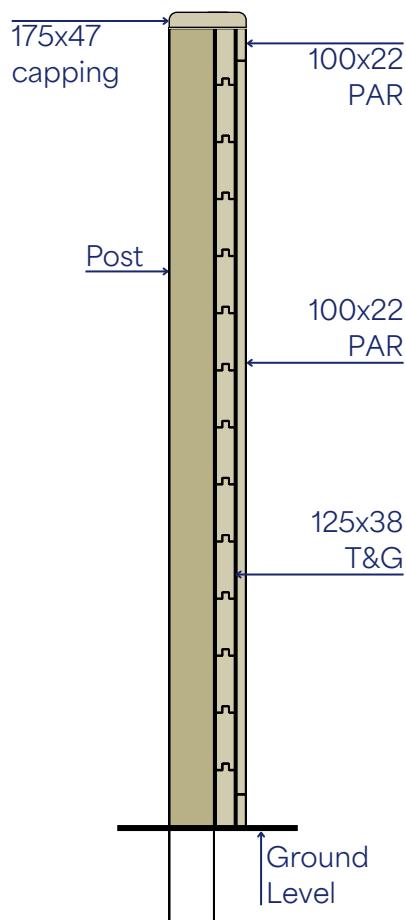
For further information about Noise Reflect Grooved, give our team a call on 01327 35 44 22, email [info@linnellbros.co.uk](mailto:info@linnellbros.co.uk) or visit us in store.

# Linnell Noise Reflect Grooved

FRONT VIEW



SIDE VIEW



# Linnell Noise Reflect Grooved

BS EN 1793-2: 2018

Acoustics - Road Traffic Noise Reducing Devices

Test method for determining the acoustic performance

Source Room		Receiving Room	
Volume	136m <sup>3</sup>	Volume	222m <sup>3</sup>
Temperature	20.6°C	Temperature	19.9°C
Relative Humidity	59.5%	Relative Humidity	60.8%
Superficial mass density: 22.5kg/m <sup>2</sup>			

RATING ACCORDING TO BS EN 1793-3: 1998

$DL_R = 24\text{dB}$

Frequency (Hz)	R (dB)
100	16.2
125	17.3
160	17.7
200	17.7
250	19.7
315	21.1
400	22.0
500	23.4
630	24.4
800	25.2
1000	26.2
1250	27.7
1600	28.3
2000	27.0
2500	22.9
3150	21.9
4000	25.5
5000	28.2

