

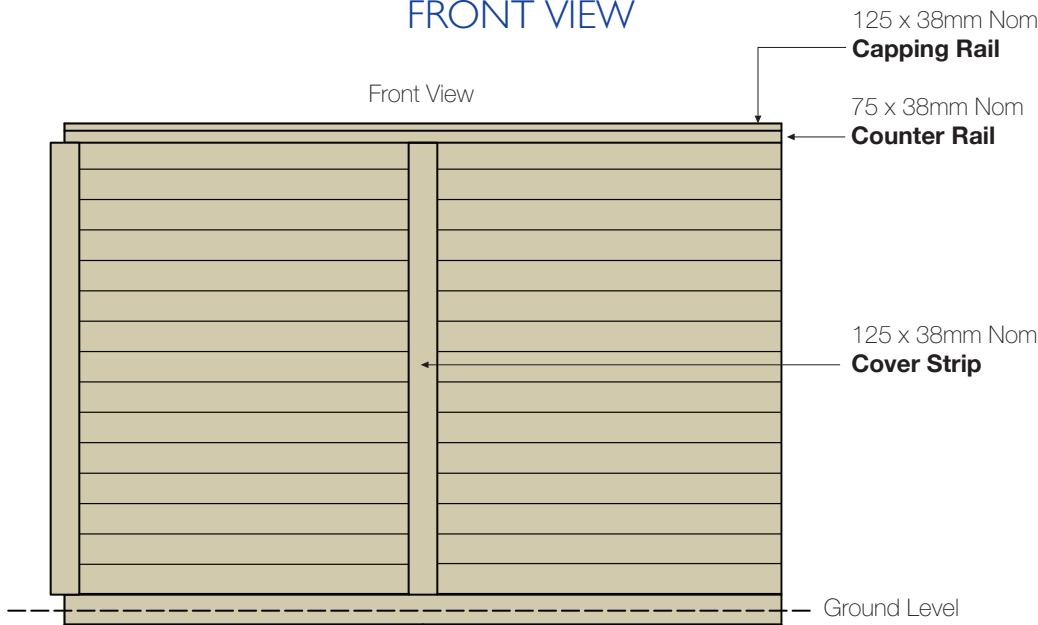
GROOVY REFLECTIVE ACOUSTIC SCREEN

JANUARY 2021

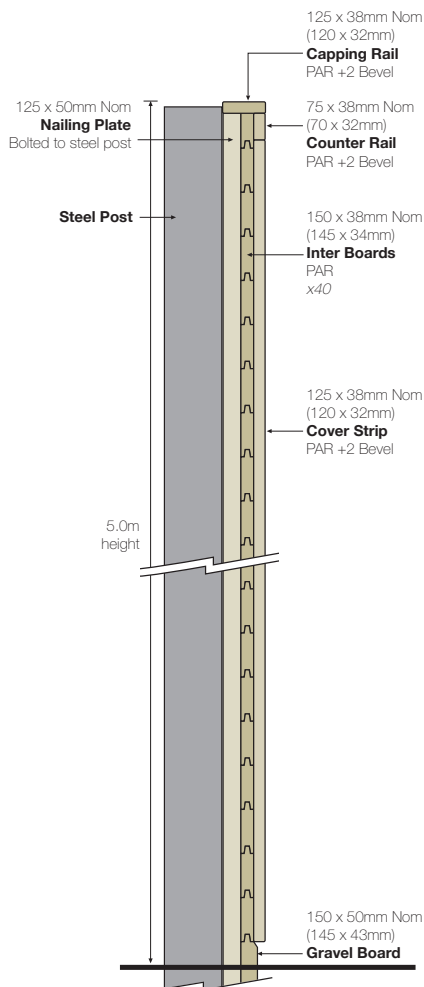
Please note:

1. Structural calculations available for individual site conditions.
2. Design in accordance with specification for Highway Works Clause 2504. Treatment to Sector Scheme 4.
3. Reflective sound screen fitted to timber posts or steel posts.
4. Height of sound screen variable to suit specific locations. Post centres at 3.0m unless otherwise specified.
5. Conforms and tested to BS EN 1793. Also tested and complies to BS EN 1794-1 and BS EN 1794-2.
6. Average density 30.7 kg/m² (excluding posts)

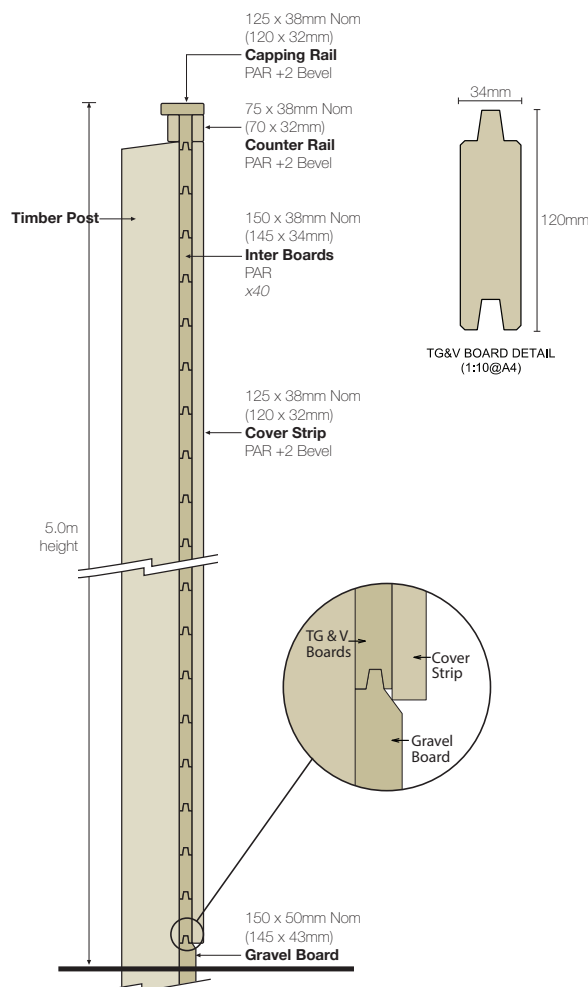
FRONT VIEW



SIDE VIEW - STEEL POST



SIDE VIEW - TIMBER POST



WESTERN WAY
MARKET DRAYTON
SHROPSHIRE, TF9 3UY
TEL: **01630 653359**
www.halesawmills.co.uk



GROOVY REFLECTIVE ACOUSTIC SCREEN

BS EN 1793-2: 1998

Acoustics - Road traffic noise reducing devices

Test method for determining the acoustic performance

SIZE: 8.64m²

SOURCE ROOM

Volume: 136m²
Condition: clean
Type: small reverberation room
Location: acoustic transmission suite

RECEIVING ROOM

Volume: 220m²
Condition: clean
Type: large reverberation room
Location: acoustic transmission suite

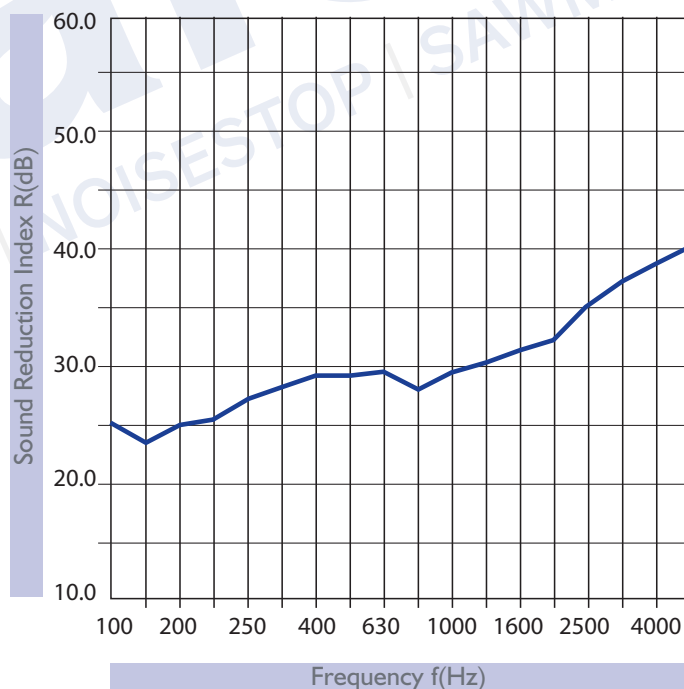
TEMPERATURE: 18.8°C

HUMIDITY: 43.1%

DL_R: 29

CATEGORY: B3

FREQUENCY HZ	R
100	25.7
125	23.8
160	25.0
200	25.6
250	27.3
315	28.2
400	29.3
500	29.1
630	29.5
800	28.0
1000	29.5
1250	30.4
1600	31.4
2000	32.3
2500	35.4
3150	37.4
4000	38.9
5000	40.5



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BSI 0086

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Test results for HALES SAWMILLS LTD - REFLECTIVE SOUND SCREEN

issued by: **University of Salford (Acoustics Test Laboratory)**

UKAS accredited test laboratory No. 1262

Test reference number: 772-684