

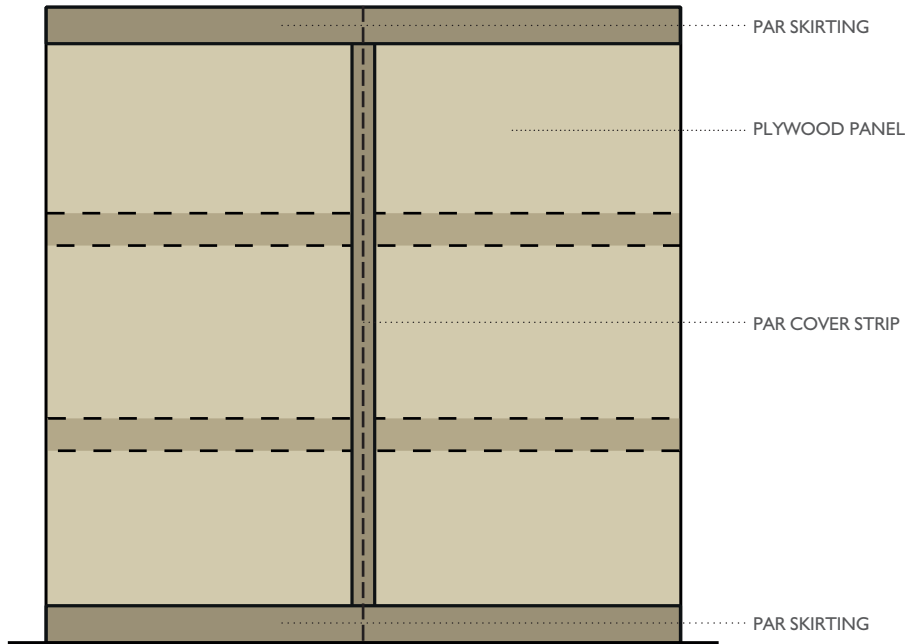
RECYCLABLE SITE HOARDING

FEBRUARY 2017

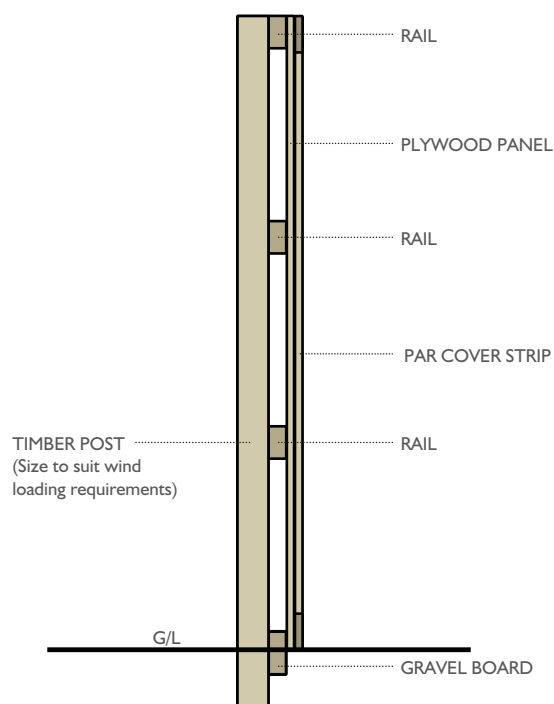
PLEASE NOTE:

1. MEETS HIGHWAYS ENGLAND REQUIREMENTS OF ACOUSTIC TEST BS EN 1793 TO PROVIDE A NOISE REDUCTION OF 25 dB PROVIDING A RATING OF B3 - THE HIGHEST RATING POSSIBLE.
2. MEETS HIGHWAYS ENGLAND REQUIREMENTS OF STRUCTURAL DESIGN TO BS EN 1794. DESIGN CALCULATIONS AVAILABLE FOR INDIVIDUAL SITE REQUIREMENTS.
3. RECYCLABLE PANELS AND FRAMES WHEN USING ANTI-VANDAL FIXINGS (CAN BE SUPPLIED).
4. PAINTING TO ANY RAL COLOUR AND FINISH.
5. CAN BE SUPPLIED TANALITH PRESERVATIVE PRESSURE TREATED (IF REQUIRED).
6. DESIGNED IN RELATION TO GUIDE TO GOOD PRACTICE (HOARDINGS) BY TEMPORARY WORKS FORUM (TWF).
7. INCORPORATES SINGLE/DOUBLE GATES (WHEN REQUIRED).
8. CAN BE SUPPLIED WITH FIRE PROTECTION (IF REQUIRED).

FRONT VIEW



SIDE VIEW



Western Way
Market Drayton
Shropshire TF9 3UY
Tel: **01630 653359**
www.halesawmills.co.uk



RECYCLABLE SITE HOARDING (with Skirting)

BS EN 1793-2: 2012

Intrinsic Characteristics of Airborne Sound Insulation

Laboratory measurement of sound insulation of building elements

DESCRIPTION: Road Noise Barrier

SIZE: 8.64m²

SOURCE ROOM

Volume: 136m³

Temperature: 22.8 °C

Relative Humidity: 57.8%

Location: Acoustic Transmission Suite

RECEIVING ROOM

Volume: 220m³

Condition: 22.8 °C

Relative Humidity: 60.7%

Location: Acoustic Transmission Suite

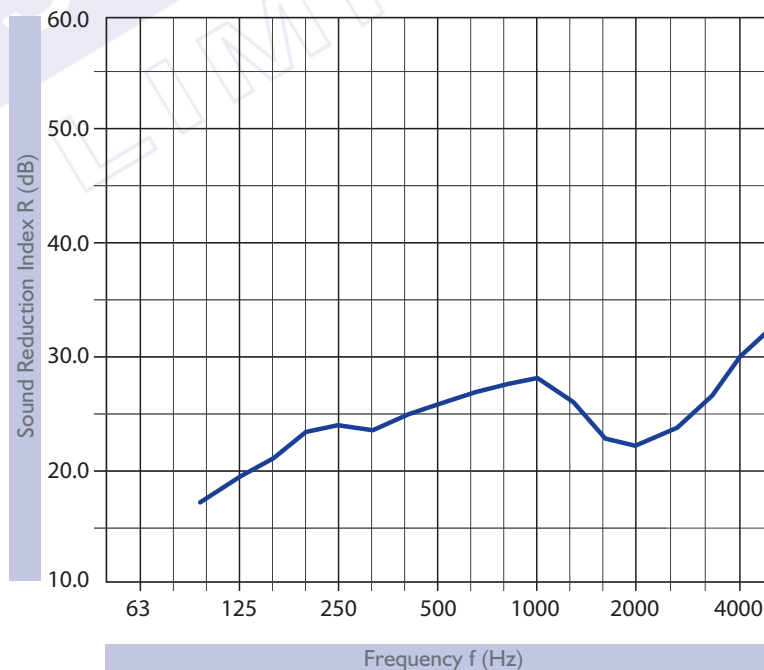
DL_R: 25 dB

CATEGORY: B3

DATE OF TEST: 30 August 2016

AMBIENT PRESSURE: 101.9 kPa

FREQUENCY f (Hz)	R 1/3 octave (dB)
50	--
63	--
80	--
100	17.1
125	19.5
160	21.1
200	23.8
250	24.3
315	24.0
400	25.0
500	25.7
630	26.7
800	27.7
1000	28.2
1250	26.4
1600	24.2
2000	23.8
2500	24.5
3150	26.4
4000	30.0
5000	32.3



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: 2799-2446

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