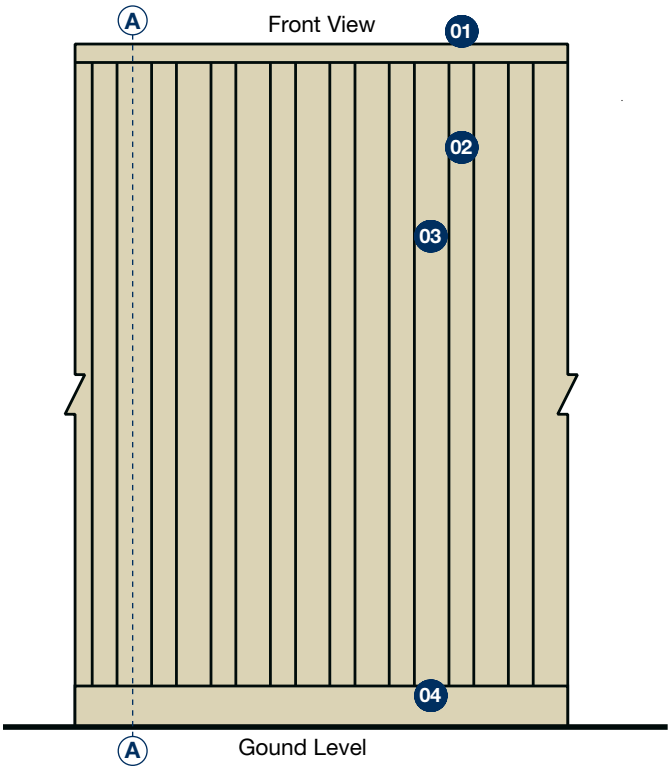
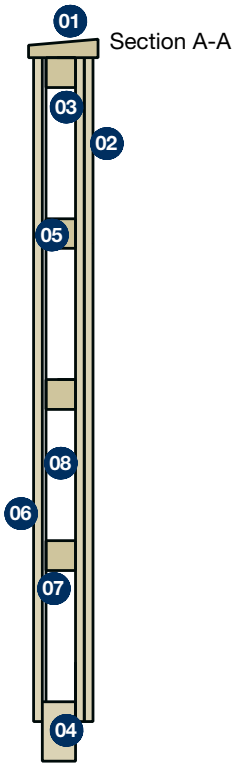
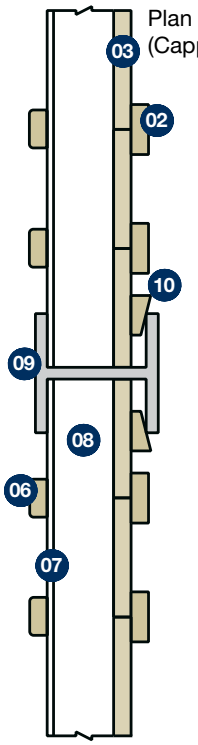
JCW Absorbent Sound Screen

FITTED INTO TIMBER OR STEEL POSTS - SUITABLE FOR INDUSTRIAL AND COMMERCIAL ENCLOSURES (MAX HEIGHT 6M)

Datasheet 46







NBS Source PARTNER

01 Capping Rail
02 Cover Strips
03 Boards
04 Gravel Board
05 Rail
06 Vertical Batons
07 Geotex
08 Absorber
09 Post
10 Site Fix Wedges (optional for steel post only)

Please Note

1. Structural calculations may be required by qualified persons, no responsibility can be accepted by using this design without professional advice. Maximum height of 6 metres.
2. Conforms and tested to BS EN 1793. Also tested and complies to BS EN 1794-1 and BS EN 1794-2.
3. Complies with Highways Sector Scheme 2C for the prefabrication of environmental barriers.
4. Design in accordance with specification for Highway Works Clause 2504. Treatment to Sector Scheme 4.
5. Height of sound screen variable to suit specific locations. Post centres at 2.4m or 3.0m unless otherwise specified.
6. Absorbent sound screens can also be fitted to timber posts as an alternative.

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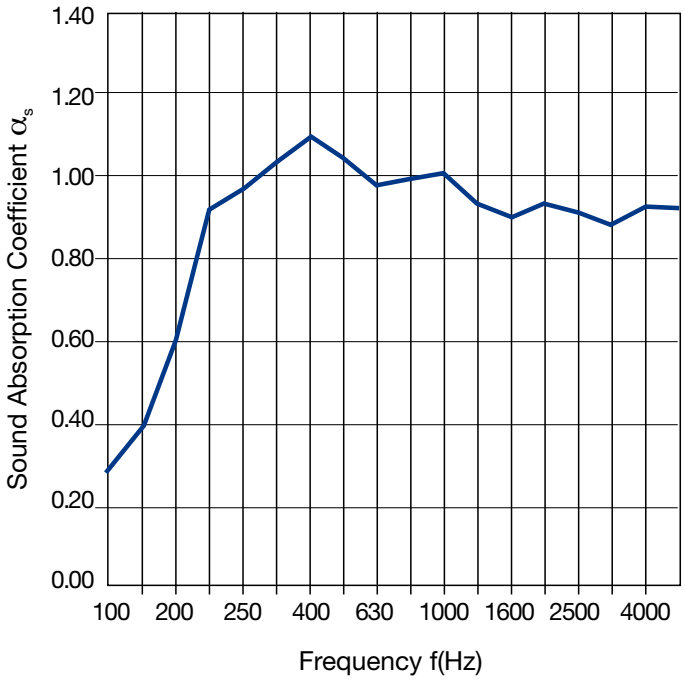
JCW ACOUSTIC SUPPLIES
Unit 32-34 Waters Meeting Development
Britannia Way, Bolton, BL2 2HH
Sales helpline **01204 548400**
8.30am - 5.00pm Monday to Friday
sales@acoustic-supplies.com
www.acoustic-supplies.com

JCW Absorbent Sound Screen fitted into steel posts. BS EN 1793-1: 1998. Acoustics - Road traffic noise reducing devices. Test method for determining the acoustic performance.		
Size: 12m^2		
Receiving Room		
Volume: 220m^2		
Condition: Clean		
Type: Large Reverberation Room		
Location: Acoustic Transmission Suite		
Sample Out:	**Temperature:** 20.1°C	**Humidity:** 48.5%
Sample In:	**Temperature:** 22.4°C	**Humidity:** 51.7%
DLα: 12		
Category: A4		

Frequency HZ	α
100	0.27
125	0.40
160	0.62
200	0.90
250	0.94
315	1.03
400	1.10
500	1.06
630	0.97
800	0.99
1000	1.00
1250	0.90
1600	0.89
2000	0.92
2500	0.90
3150	0.87
4000	0.92
5000	0.91

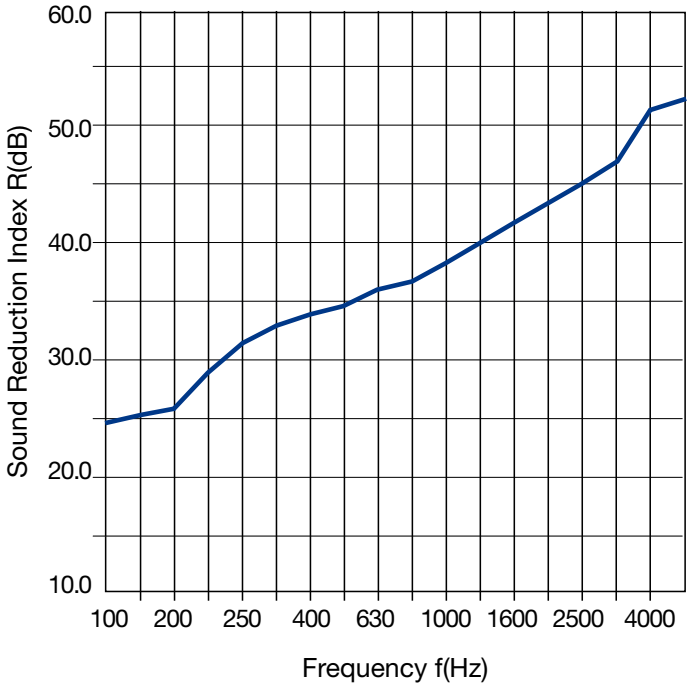


Test results for JCW Absorbent Sound Screen issued by:
University of Salford (Acoustics Test Laboratory)
UKAS accredited test laboratory No. 1262

Test reference number: AC09/215/15

JCW Absorbent Sound Screen fitted into steel posts. BS EN 1793-2: 1998. Acoustics - Road traffic noise reducing devices. Test method for determining the acoustic performance.	
Size: 8.64m^2	
Source Room	**Receiving Room**
Volume: 136m^2	**Volume:** 220m^2
Condition: Clean	**Condition:** Clean
Type: Small Reverberation Room	**Type:** Large Reverberation Room
Location: Acoustic Transmission Suite	**Location:** Acoustic Transmission Suite
Temperature: 19.2°C	
Humidity: 56.3%	
DLα: 35	**Category:** B3

Frequency HZ	R
100	24.4
125	25.2
160	25.9
200	28.2
250	31.8
315	32.9
400	33.3
500	34.3
630	36.2
800	36.8
1000	38.0
1250	39.6
1600	41.6
2000	43.2
2500	44.9
3150	47.1
4000	51.3
5000	52.4



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