## **ACOUSTIC CURTAIN**

Noise Reduction



## **KEY FACTS**

- Up to 30dB reduction in noise
- High noise absorption
- Entirely manufactured from fire resistant
- Independently noise tested and certified to:
  - BS EN ISO 717-1: 1997
  - BS EN ISO 345: 2003
  - EN ISO 11654: 1997
- Unique Velcro side connection for creating a seamless noise barrier
- Manufactured entirely from non-irritant materials

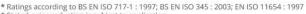
## About

Eiro Bating

MEMS Acoustic Curtains are designed to reduce noise output from our temporary generators. Our entire fleet of temporary generators are supplied as standard with fully attenuated enclosures. However, we appreciate that certain customer applications require further sound attenuation, which is provided in the form of acoustic curtains.

Test Data*							
Sound attenuation and absorption index at various Hz							
Hz.	250	500	1250	2500	4000	5000	Rw
Reduction dB	18.8	22.8	22.5	27.5	31.1	32.9	24
Absorption $\alpha_s$	0.46	0.7	0.96	0.83	1	0.98	0.70a <sub>s</sub>

Fire Ratings	
Acoustic Vinyl Membrane	M2/B1/BS/B-s2-d0/NFPA701
Acoustic Core	Class 0
Acoustic Mesh Membrane	M2





Tracking and Telemetry



Remote Fuel Management



Response Team



Disaster Recovery

Dimensions	
Height – 2050mm	Width - 1250mm
11.7kg Each	

Max Attenuation	
18.8 dB @ 250 Hz	23.2 dB @ 1600 Hz
32.9 dB @ 5000 Hz	

Max Absorption	
46% @ 250 Hz	93% @ 1600 Hz
98% dB @ 5000 Hz	

## **MEMS Sound Barriers for Enhanced Noise Reduction**

The MEMS Acoustic Curtain is designed specifically to provide a high noise-absorbing acoustic product with excellent attenuation qualities. These are temporary acoustic screens for surrounding generators and other noise-emitting equipment or activities. MEMS can provide a full installation service fitting the acoustic curtains to temporary fencing or site hoardings and are ideally suited for short- and long-term solutions.

Each fire resistant curtain can be used to create any enclosure size to optimise acoustic performance. All curtains are uniquely constructed with velcro down either side to sure a seamless noise barrier. In addition to this, eyelets are positioned along the top and down both sides to enable safe and secure fixing.





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