SOUNDEX®

SOUNDEX® Multi Purpose Enclosure

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This extremely robust 2.4m² enclosure with acoustic walls and roof enjoys consistent success within the construction, rail, civil engineering and retail maintenance industries.

The Acoustic Enclosure can be very quickly erected and, with the optional casters, is easily moved around in relation to site works. This entire enclosure fits onto a single pallet, making it easy to transport right to the point where it is to be installed. By combining the enclosure with RVT Groups dust and fume control equipment a complete temporary hazard control system can be created

Features & Benefits

- Up to 33.6dB at 5000Hz reduction in noise
- Fire & weather resistant
- Product testing and ceritification: BS EN ISO 717-1 : 1997; BS EN ISO 345 : 2003; EN ISO 11654 : 1997
- Mobile option available
- Can be used on a variety of terrains from building sites to department stores
- Quick erection from ground level
- Very portable – Folds down to fit onto single pallet
- Non-irritant acoustic material with no glass-fibre content
- Various options including internal lighting facilities and front access covers
- Integrated dust / fume extraction port
- Available in GRP for use in high voltage

Key Applications

- Enclosing generators and other noisy
- equipment
- Containing noisy site operations
- Remedial works in any live environment
  Remedial street works

Product Testing and Certification

- Bureau Vertitas Test BS 476 Part 12
- BTTG Fire Test BS 7837:1996 (2015)
- PMDA Windload Calculations BS EN 19911-4
- PVC Containment Sheets BS 7955:1999 Clause 4.3: tensile Strength, Clause 4.4: Attachment Point Strength, Related Specification: BS 2576:1996.

Request Price

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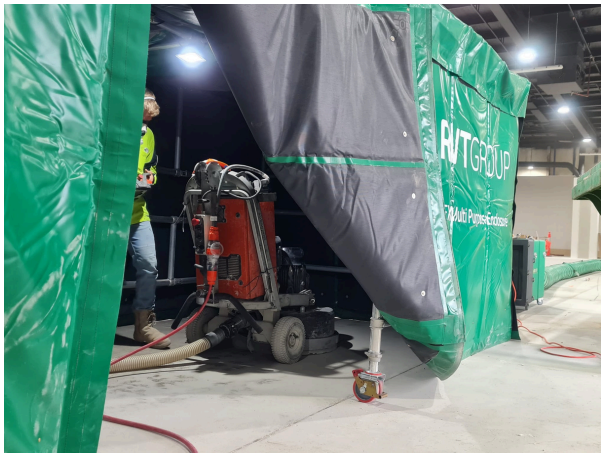

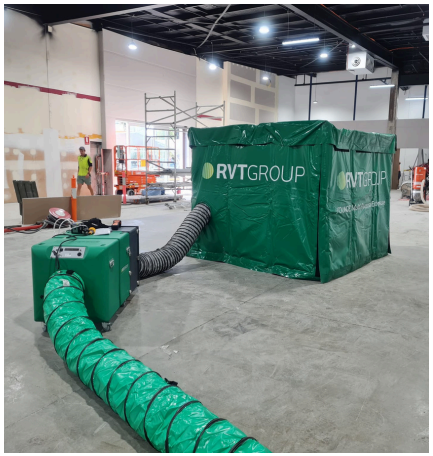

Technical data							
Size L x W x H (mm)	2400 x 2400 x 2100						
Maximum Sound Absorption	11% @ 250Hz 65% @ 1000Hz 36% @ 5000Hz						
Maximum Sound Attenuation	13.6dB @ 250Hz 17.4dB @ 1000Hz 33.6dB @ 5000Hz						
Test data at various Hz. (Testing and certification: BS EN ISO 717-1 : 1997;BS EN ISO 345 : 2003; EN ISO 11654 : 1997)							
Hz.	250	500	1250	2500	4000	5000	Rw Value
Reduction dB	13.6	13.4	20.8	25.7	29.8	33.6	19
Absorption αs	0.11	0.26	0.56	0.49	0.37	0.36	0.35

Fire ratings	
Acoustic Vinyl Membrane	M2 / B1 / BS / B-s2-d0 / NFPA701
Acoustic Core	Class 0
Acoustic Mesh Membrane	M2
Printing	Water Based Ink

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SOUNDEX® Multi Purpose Enclosure Enclosure for Tower Lights

Note the front panel has been left off for illustrative purposes

Technical data when using a tower light	
Maximum Sound Attenuation	12.3 dB @ 250 Hz 14.6 dB @ 1000 Hz 20 dB @ 4000 Hz

Test data at various Hz.								
Hz. 63	63	125	250	500	1000	2000	4000	8000
Reduction dB 4	4	9.3	12.3	14.3	14.6	15.6	20	20.6

The enclosure can be adapted to surround a tower-light simply by taking the roof off.

Typical applications for this would be:

- Highways Maintenance
- Rail works
- Civil engineering

Acoustic performance figures quoted throughout this specification are based on independent laboratory tests by internationally recognised UKAS certified testing houses. Actual sound attenuation and absorption will vary from site to site depending upon the location, installation method and noise source. Please see our installation guides for details of how to obtain the best results.

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