

Soundex Multi Purpose Enclosure

This extremely robust 2.5m² 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.

Features & Benefits

- ✓ Up to 26.4dB reduction in noise
- ✓ Fire & weather resistant
- ✓ Independently tested and certified to 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 and easy to transport
- ✓ 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 conductive areas

Key Applications

- ✓ Enclosing generators
- ✓ Containing noisy site operations
- ✓ Remedial works in live retail environments
- ✓ Remedial street works

Certifications

- ✓ 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.





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Technical data

Size	2500 x 2500 x 2000mm
Maximum Sound Absorption	11% @ 250 Hz 50% @ 1000 Hz 36% @ 5000 Hz
Maximum Sound Attenuation	13 dB @ 250 Hz 17.4 dB @ 1000 Hz 32.3 dB @ 5000 Hz

Test data at various Hz.
(Tested and certified to 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	32.3	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





SOUNDEX®

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Enclosure for Tower Lights



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	125	250	500	1000	2000	4000	8000
Reduction dB	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



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