

SOUNDEX® Cutting Enclosure

This robust and practical cutting enclosure incorporates walls and roof of acoustic material and is designed to be simple and quick to use

Developed from our Multi-purpose enclosure, the SOUNDEX® Cutting Enclosure provides a flexible and portable solution to the challenges of cutting long lengths of material on site. The dust, fume and particularly noise associated with fit-out works within part finished buildings has long been an issue with hard surfaces reflecting noise around the building and leading to extensive hearing protection zones and unnecessary exposure for other trades.

The Robust cutting bench, extraction port, lighting system incorporating power distribution, together with the class-leading acoustic products combine to make this a major time and cost saver on site whilst protecting the health of workers nearby

Features & Benefits

- ✓ Fire resistant
- ✓ Cuts down reverberation within enclosed areas
- ✓ Up to 33.6dB at 5000Hz reduction in noise to minimise need for hearing protection zones
- ✓ Quick and easy installation from ground level
- ✓ A range of extraction options to create a complete control system
- ✓ Very portable - folds down to fit on a single pallet
- ✓ Complete with cutting deck for chop saws

Key Applications

- ✓ Large industrial cutting projects
- ✓ Projects in public space
- ✓ Multiple locations on site Internal and external use
- ✓ Cutting stations for noise, dust and fume control on site
- ✓ MEP contractors
- ✓ Pipe cutting and welding
- ✓ Joinery and shuttering shops
- ✓ Cutting raised access floor panels



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Product Testing and Certification

- ✓ PMDA Windload Calculations BS EN 19911-4
- ✓ Bureau Veritas Fire Test BS 476 Part 12 1991
- ✓ Exova/BTTG Fire Test BS 7837:1995 (2015)
- ✓ PVC Containment Sheets BS 7955:1999 Clause 4.3: tensile Strength, Clause 4.4: Attachment Point Strength, Related Specification: BS 2576:1996.
- ✓ Temporary Works Certificate BS EN ISO 1999 1-1:2007 + A2:2003



Technical specifications

Dimensions	(LxWxHmm) 2500 x 2250 x 2000						
Maximum Sound Absorbtion	11% @ 250Hz 65% @ 1000Hz 36% @ 5000Hz						
Maximum Sound Attenuation	13.6dB @ 250Hz 17.4dB @ 1000Hz 33.6dB @ 5000Hz						
Fire ratings							
Acoustic Vinyl Membrane	M2 / B1 / BS / B-s2-d0 / NFPA701						
Acoustic Core	Class 0						
Acoustic Mesh Membrane	M2						
Printing	Water Based Ink						
Test data at various Hz.							
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	0.35	0.70

Product Testing and Certification: BS EN ISO 717-1 : 1997;BS EN ISO 345 : 2003; EN ISO 11654 : 1997.

Acoustic performance figures quoted 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.

