SOUNDEX® Cutting Enclosure

Noise Control

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.



Request Price

Features

- 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





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

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RVTGROUP
Protecting people and our environment

Technical Data

Specifications	Soundex® Cutting Enclosure						
Size LxWxH	2500 x 2250 x 2000mm						
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	0.35	0.70
Acoustic membrane	M2 / B1 / BS / B-s2-d0 / NFPA701						
Acoustic core	Class 0						
Acoustic mesh membrane	M2						
Printing	Water based ink						

Key Applications

- On-site metal or concrete cutting.
- Bridge, tunnel or utility pipe maintenance/repairs.
- Providing a safe, isolated environment for hot works (cutting, grinding, welding) in a manufacturing plant or refinery.
- Containment of sparks and debris during steel cutting, welding, or retrofitting on vessels..

Suitable for:

Construction | Manufacturing | Factories | Rail | Open Work Spaces | Ship & Marine | Oil Refineries | Infrastructure







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