SOUNDEX® Breaker Shroud

Noise Control

This extremely robust 3.0 x 3.0m industrial quality breaker shroud incorporates acoustic walls and roof, with one open side for ease of machinery operation, and is designed such that only the breaker attachment is used within the enclosure to reduce the risk of fume pollution.

It also doubles up as a chip guard removing the requirement of fence panels and debris netting, and is easily moved as work progresses.



Request Price

Features

- Up to 32.3 dB reduction in noise
- Product testing and certification: BS EN ISO 717-1 : 1997; BS EN ISO 345 : 2003; EN ISO 11654 : 1997; BS EN ISO 717-1 : 1997; BS EN ISO 345: 2003; BS EN ISO 11654 : 1997
- Quick Installation
- Industrial robust aluminium frame construction
- Prevents stone chips and other harmful debris

Product Testing and Certification

- Bureau Veritas Fire Test BS 476 Part 12 1991
- 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

Specifications	Soundex® Breaker Shroud						
Size WxDxH	3000 x 3000 x 3240mm						
Maximum sound absorption	11% @ 250Hz | 50% @ 1000Hz | 36% @ 5000Hz						
Maximum sound attenuation	13.6dB @ 250Hz | 17.4dB @ 1000Hz | 32.3dB @ 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	32.3	19
Absorption αs	0.11	0.26	0.56	0.49	0.37	0.36	0.35
Acoustic membrane	M2 / B1 / BS / B-s2-d0 / NFPA701						
Acoustic core	Class 0						
Acoustic mesh membrane	M2						
Printing	Water based ink						

Key Applications

- Concrete, stone or asphalt breaking using handheld pneumatic/electric breakers during road, pavement and structure demolitions.
- Excavator-mounted hydraulic breakers for foundations, bridges and utilities.
- In-house concrete and floor slab repairs during plant and facility maintenance.
- Pneumatic hammers and chisels for equipment dismantling at heavy manufacturing sites.
- Breaking or steel structure works during shipbuilding and dockyard maintenance.

Suitable for:

Construction | Negative Pressure Environments | Factories | Aircraft Hangars | Open Work Spaces | Equipment Test Bays

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