

Soundex Quilt - H2O-Tech

The H2O-Tech® acoustic quilt was developed to offer the highest levels of waterproof technology combined with anti-bacterial properties, making it suitable for use in areas of very high humidity such as marine environments.

Boasting an excellent attenuation-to-weight ratio, it provides rapid assembly with unique Velcro fastening and eyelets to enable suspension. The fold-and-lay-flat design enables easy storage and transportation without damage to the core.

Features & Benefits

- ✓ Up to 32.3 dB reduction in noise
- ✓ Non-irritant acoustic material with no glass-fibre content
- ✓ Velcro connections to ensure optimum acoustic performance
- ✓ Weatherproof and fire resistant
- ✓ Certified to be hung from scaffolding BS57955

Key Applications

- ✓ Highly sensitive environments
- ✓ Lining internal party walls and hoarding
- ✓ Suspended off fencing surrounding generators

Certifications

- ✓ USA Fire Test Standard NFPA 701 Method 1
- ✓ Laboratory Acoustic Test BS EN ISO 10140-2-2010 & BS EN ISO 717-1:2003
- ✓ Laboratory Absorption Test BS EN ISO 354:2003 & BS EN ISO 11654-1997
- ✓ PVC Containment Sheets BS 7955:1999
Clause 4.3: tensile Strength, Clause 4.4: Attachment Point Strength, Related Specification: BS 2576:1996.
- ✓ Bureau Veritas Fire Test BS 476 Part 12 1991
- ✓ PDMA Curtain Wind Load Calculations BS 5975





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Technical data

Size	3600 x 2050mm
Weight	17.5kg each
Maximum Sound Absorption	11% @ 250 Hz 62% @ 1600Hz 36% @ 5000 Hz
Maximum Sound Attenuation	13.6 dB @ 250 Hz 22.9 dB 1600 Hz 32.3dB at 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 α	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

