

Flexshield

ON-SITE NOISE REDUCTION



Our acoustic curtains are designed for maximum noise reduction.

Sonic Acoustic Curtains are the answer! These innovative curtains and screens utilise top-of-the-line sound barriers and noise absorption technologies for maximum acoustic performance.

Here are some reasons to choose Sonic Acoustic Curtains:

1. Versatility:

These curtains are versatile and ideal for noise control projects. Whether you need to hang them on fences or walls or create a partial or complete acoustic enclosure, Sonic Acoustic Curtains can adapt to your needs.

2. Compliance with Regulations:

Sonic Acoustic Curtains help operators of noise equipment comply with government-regulated decibel time exposure allowances (85dBA/8hr), ensuring a safe and compliant working environment while protecting employees' hearing.

3. Easy Disassembly and Assembly:

Unlike fixed noise control solutions, Sonic Acoustic Curtains offer the convenience of easy disassembly and assembly, allowing for seamless access and storage when not in use.

4. Indoor and Outdoor Applications:

These curtains are built to withstand indoor and outdoor environments, making them suitable for various applications.

5. Simple Maintenance:

Keeping Sonic Acoustic Curtains clean is easy. You can maintain their pristine condition with just a hose or high-pressure cleaner, ensuring they're always ready for use.



Flexshield acoustic curtains enhancing privacy and reducing noise on temporary fencing.

Sonic Acoustic Curtains can be used in various applications, including construction works, earth and road works, occupied building refurbishments, and rooftop plant equipment.

If your machinery includes industrial or plant equipment Sonic Acoustic Curtains can effectively reduce noise emissions.

Flexshield acoustic curtains are:

- Made in Australia,
- Provide many benefits including 26dB reduction at 1000Hz lab test,
- Full transportability,
- Quick and easy erection,
- Weather, fire, and UV resistance,
- Robustness and durability,
- Versatility, and
- The ability to control the spread of dust and fumes

These curtains are also available to suit a full range of noise frequencies and can easily incorporate vision panels, access doors, and other penetrations. Plus, they're NATA Tested AS ISO 354 – 2006.

Choose Sonic Acoustic Curtains today and experience the transformative power of noise control. Say goodbye to disruptive noise and welcome a more peaceful and productive environment!



Flexshield acoustic curtains: Effective noise control solution for any environment.



Flexshield acoustic curtains providing noise reduction and safety on scaffolding.

In addition to improving productivity, reducing noise is also important for safety. Studies show that exposure to high noise levels can negatively affect concentration, work quality, and learning ability, impair communication, and mask crucial warning signals, posing significant safety risks.

Acoustic Performance

Sonic Curtain 6.5kg – Rw 27

Hz	Sound Transmission Loss: R dB	95% Confidence
50	6.0	4.1
63	11.7	2.8
80	15.1	5.4
100	13.3	3.2
125	15.2	2.0
160	14.4	2.0
200	16.1	1.4
250	17.4	0.7
315	17.7	1.2
400	19.9	0.9
500	21.3	0.9
630	23.3	0.9
800	25.9	0.6
1000	28.6	0.4
1250	31.0	0.5
1600	33.4	0.7
2000	35.7	0.7
2500	38.1	0.7
3150	40.4	0.8
4000	42.5	0.6
5000	44.3	0.7

Sonic Curtain 8.5kg – Rw 30

Hz	Sound Transmission Loss: R dB	95% Confidence
50	9.0	5.4
63	14.5	3.1
80	17.0	5.1
100	14.0	3.0
125	17.3	2.0
160	17.1	2.1
200	17.8	1.7
250	21.1	1.0
315	21.8	1.2
400	23.4	0.7
500	24.9	0.7
630	26.9	0.6
800	29.5	0.5
1000	32.0	0.5
1250	34.3	0.4
1600	36.9	0.4
2000	39.5	0.7
2500	41.0	0.4
3150	43.4	0.5
4000	45.4	0.6
5000	47.5	0.7

Sonic Curtain Sound Absorption Coefficients

100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
0.29	0.26	0.29	0.33	0.49	0.64	0.74	0.79	0.80	0.85	0.85	0.86	0.89	0.85	0.87	0.86	0.90	0.93

Flammability Properties

Our Sonic Acoustic Quilts have been rigorously tested and proven to comply with the stringent Australian Standards AS 1530.2-1993.

Tested for Flammability:

Our Sonic Acoustic Quilts have undergone thorough testing procedures outlined in AS 1530.2-1993, ensuring their performance in fire tests on building materials, components, and structures. This standard, specifically Part 2, focuses on evaluating materials' flammability, providing assurance that our quilts meet the highest fire safety requirements.

VOC STATEMENT

"Sonic Curtain does not contain any Volatile Organic Compounds (VOC's) as applied under the Australian National Pollutant Inventory."



Immerse yourself in the world of Sonic Curtains by scanning the QR code.

Contact Flexshield to find out more

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