

Industrial Soundproofing

Keep All Your Industrial Equipment Quiet



Soft dB Acoustic Blanket
Soundproof Enclosures & Barriers

softdb.com/soundproofing

Soft dB



Who Are We?

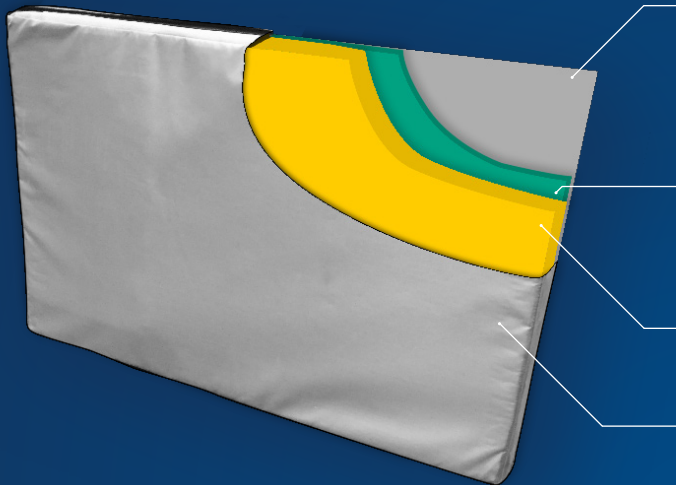
Soft dB has been providing acoustical and vibration consulting services since 1996. Its PhDs, engineers and technicians have undertaken numerous environmental, industrial, architectural, mining, commercial, institutional and residential projects.

For all types of noise and vibration control challenges, Soft dB's world-class team has expertise at the cutting edge of acoustical knowledge.

With nearly 30 years of experience, averaging over a thousand projects each year – in the mining, construction, and heavy industrial sectors – it is highly likely that our experts have already solved noise issues similar to yours. Take advantage of their knowledge and expertise!

Soft dB Acoustic Blanket

INDUSTRIAL GRADE COMPOSITION



1. An outer protective fabric layer with robust bands and fasteners prevents noise leakage and makes the cover both waterproof and UV resistant.

2. A sound-blocking layer composed of a mass-loaded polymer material prevents noise propagation.

3. A high-performance mineral fibre layer efficiently absorbs sound.

4. A Silicone-impregnated inner fabric layer provides industrial strength over a wide range of temperatures and contaminants.



OPTIMAL PERFORMANCE

Soft dB acoustic blankets are effective in reducing noise from industrial equipment, especially at low frequencies. Having an STC 33 sound insulation index, these covers are the ideal solution for your noise problems.

Before / After

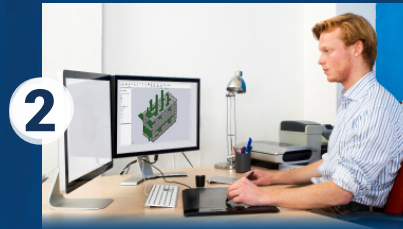


Turnkey Solution



1 Quotation and Evaluation On-Site

Our team will travel to the project site to evaluate the facility and accurately assess your needs.



2 Design and Manufacturing

The design is customized for the exact dimensions of your equipment. The manufacture of the panels is then made in the factory.



3 Installation

We provide detailed installation plans so that your team or ours can install the blankets.

VARIOUS APPLICATIONS

Soft dB acoustic blankets & curtains are suitable for industrial use both outdoors and indoors. They make a significant difference to the sound level radiated by the equipment they cover by acting directly at the source of the problem.

STATIONARY EQUIPMENT

- Lightweight Structures
- Custom Dissipative Silencers
- Compressors
- Pipelines
- Dust Collector and Fans
- Pumps
- Motors
- Hydraulic Presses
- And More



MOBILE EQUIPMENT

- Trucks
- Heavy Machinery
- Ships
- And More



A Unique Solution!

Based on an exclusive patented design*, Soft dB soundproofing blankets are the only ones to provide the ease of installation provided by magnetic anchors.

The panelized blankets are mounted on an aluminum structure with stainless steel magnetic anchors, allowing the structure to be installed and removed rapidly, without drilling or damaging the equipment being treated. The system is ideal for all types of metal surfaces.

**A system and a method of attaching and supporting sound reduction or thermal insulation blankets to metallic machinery or structural frames.
ID: 773/12562.35*



Industrial Equipment

Soft dB has installed its acoustic blanket system on several industrial equipment and moving vehicles of all shapes and sizes to significantly reduce the noise emitted by these devices.

Thanks to its flexible and customized designs, Soft dB soundproofing enclosures perfectly fit the shapes of geometrically problematic equipment to ensure maximum efficiency.

In addition to being flexible, lightweight and efficient, Soft dB sound enclosures can also be combined with other noise reduction solutions, such as dissipative silencers, pipe lagging, etc. It is your first-choice solution for many types of noise applications.



AN OUTSTANDING PARTNER

Developed in collaboration with our insulation partner, **Isotex-Pro International (IPI)**, Soft dB acoustic blankets ensure impeccable quality.



Specifications

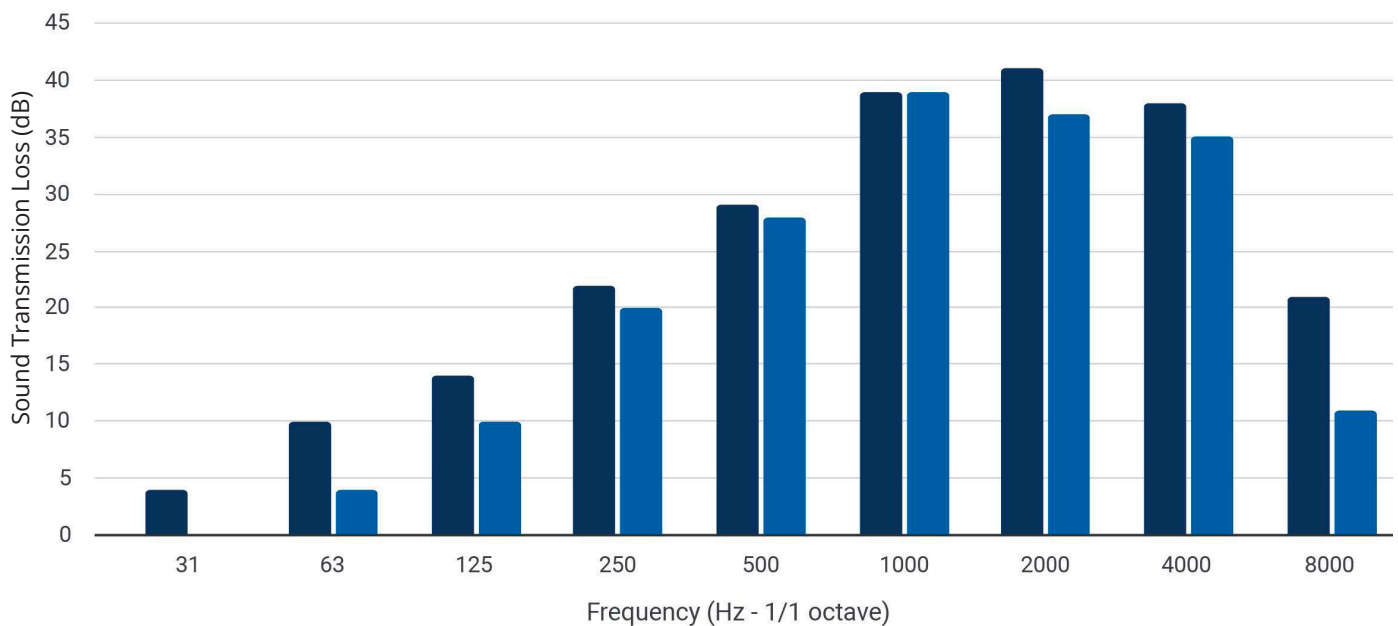


Panels T4

Curtains S2

FORMAT	Panels	Curtains
THICKNESS	100 mm (4 in.)	50 mm (2 in.)
NOISE REDUCTION	STC 33	STC 31
ACOUSTIC ABSORPTION	NRC 0.72	NRC 0.65
SURFACE DENSITY	11.7 kg/m ² (2.4 lbs/ft ²)	8.3 kg/m ² (1.7 lbs/ft ²)
THERMAL RESISTANCE	-40 °C to 149 °C (-40 °F to 300 °F)	
WATER RESISTANCE	Yes - Perfectly waterproof outer membrane	

Sound Transmission Loss: T4 (panels) vs S2 (curtains)





Contact Our Acoustics and Noise Control Experts

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