



Soundproof Walls

Durable, Versatile & Silent





SOUNDPROOF WALLS Applications



WHERE	WHEN
<ul style="list-style-type: none">Factories & Manufacturing PlantsPower Plants & Energy FacilitiesConstruction SitesWarehouses & Distribution CentersRecording Studios & Broadcasting CentersData Centers	<ul style="list-style-type: none">When Noise Levels Exceed OSHA LimitsDuring Equipment Installation or ExpansionFor Compliance with Environmental RegulationsTo Improve Workplace Safety & ProductivityWhen Protecting Sensitive Operations

SOUNDPROOF WALLS TYPES



INDOOR

Designed for factories, offices, hospitals, and studios, these walls absorb and block sound to enhance privacy, improve acoustics, and meet OSHA noise standards. Ideal for reducing workplace noise, improving concentration, and creating a quiet and comfortable environment.



OUTDOOR

Used in construction sites, highways, airports, and industrial areas, these walls reduce noise pollution, protect surrounding communities, and comply with environmental noise regulations. They help minimize sound disturbances from heavy machinery, traffic, and large-scale operations.

OSHA Regulations for Soundproof Walls

OSHA enforces noise exposure limits to protect workers from hearing loss and workplace hazards. Industrial soundproof walls help businesses comply with these regulations by reducing noise levels and creating safer work environments. Below is a summary of key OSHA regulations related to industrial soundproof walls:

OSHA Standard	Requirement	Application
29 CFR 1910.95(a)	Hearing conservation program required	Soundproof walls to reduce workplace noise
29 CFR 1910.95(b)	Noise must be reduced via controls	Sound enclosures for machinery
29 CFR 1910.119	Temperature control in hazardous areas	Acoustic barriers for industrial facilities
29 CFR 1910.22(a)	Workspaces must be free of hazards	Noise reduction to improve worker safety
29 CFR 1910.132	Protective equipment required for workers	Industrial soundproofing for hearing safety

Why Choose Soundproof Walls?

- **Effective Noise Control** – Reduces excessive noise to meet OSHA standards.
- **Worker Safety & Productivity** – Prevents hearing damage and minimizes distractions.
- **Regulatory Compliance** – Helps businesses adhere to workplace noise limits.
- **Versatile Applications** – Used in factories, warehouses, and construction sites.
- **Durable & Cost-Effective** – Long-term noise reduction solution with minimal maintenance.

Acoustic Blankets

Sound Transmission Loss: ANC-AB110EXT-R

Thickness: 2 inches Location: Outdoor

ACOUSTICAL PERFORMANCE:

SOUND TRANSMISSION LOSS

	OCTAVE BAND FREQUENCIES (HZ)						
PRODUCT	125	250	500	1000	2000	4000	STC
ANC-AB110EXT-R	13	20	29	40	50	55	32

ASTM E-90 & E 413

SOUND ABSORPTION DATA

	OCTAVE BAND FREQUENCIES (HZ)						
PRODUCT	125	250	500	1000	2000	4000	NRC
ANC-AB110EXT-R	.07	.27	.96	1.13	1.08	.99	.85

ASTM C 423

Sound Transmission Loss: BSC25 IV AB12

Thickness: 2 inches Location: Indoor

ACOUSTICAL PERFORMANCE:

SOUND TRANSMISSION LOSS

	OCTAVE BAND FREQUENCIES (HZ)						
PRODUCT	125	250	500	1000	2000	4000	STC
ANC- AB12	12	16	27	40	44	43	29

ASTM E-90 & E 413

SOUND ABSORPTION DATA

	OCTAVE BAND FREQUENCIES (HZ)						
PRODUCT	125	250	500	1000	2000	4000	NRC
ANC- AB12	.19	.99	.96	.80	.57	.33	.85

ASTM C 423

All Noise Control

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