

Acousta-Wal®

ACOUSTICAL COMFORT



Acoustics

Acousta-Wal® provides indoor & outdoor acoustic solutions.

Pair With:

Trenwyth® Astra-Glaze SW+®,
Verastone®, Trendstone® or
standard block masonry units.



Whether it's a school gym, lecture hall or performing arts center, Acousta-Wal® is your indoor/outdoor solution to sound absorption. Its unique design controls sound transmission as it absorbs sound waves. Acousta-Wal absorbs sounds at all frequencies, even the difficult-to-control low frequencies.

Acousta-Wal is a performance upgrade option which may be added to a number of our structural concrete masonry units. It has a closed top and vertical slots on its face, exposing the inner cavity. Working much like an automobile muffler, the closed-end cavities of the different size units resonate to sound waves of different frequencies, converting them harmlessly to heat.

Features & Benefits

- Sound wave absorption
- Sound transmission control
- Low-frequency sound absorption
- One-step installation
- Interior & exterior applications

Acousta-Wal® Noise Reduction Coefficients

Size	Type	Surface	Frequency (Hertz)						NRC*
			125	250	500	1,000	2,000	4,000	
4"	I	Painted	.18	.82	.40	.35	.43	.36	.50
6"	I	Painted	.63	.80	.41	.40	.31	.51	.50
4"	IV	Painted	.21	.78	.97	.80	.68	.73	.80
6"	IV	Painted	.31	1.23	.71	.71	.65	.68	.85
8"	IVRF	Painted	.21	.78	.97	.80	.68	.73	.80
10"	IVRF	Painted	.32	.78	.97	.80	.68	.73	.80
12"	IVRF	Painted	.31	1.23	.71	.71	.65	.68	.85

Acoustics vary with such dynamics as room size, flooring type, window treatments and seating materials. The approach to this analysis depends on if you're trying to dampen sound within the room or trying to block sound from an adjacent area. Contact your local sales representative to request an engineered acoustical study.



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