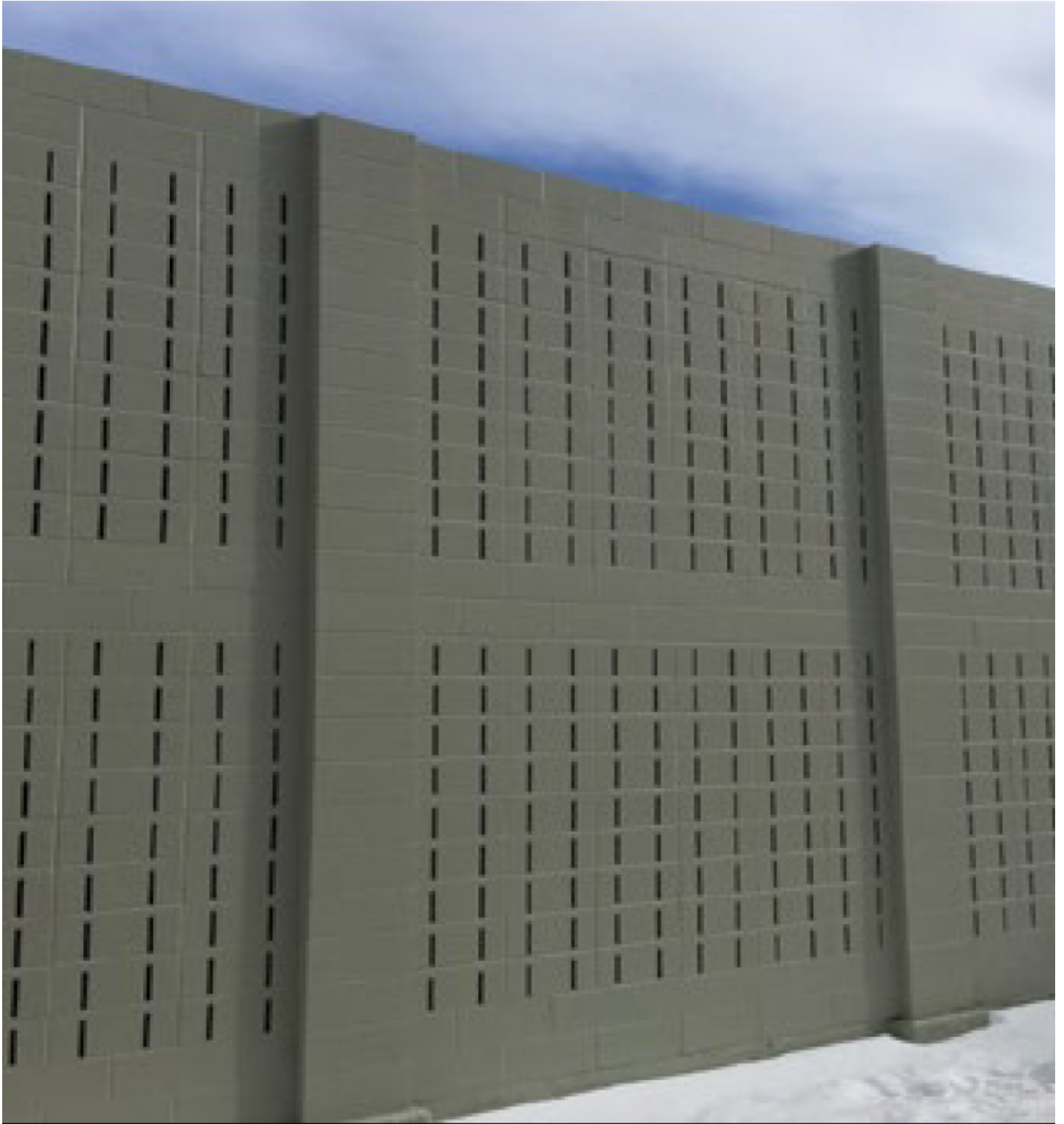


SOUNDBLOX® ACOUSTIC MASONRY



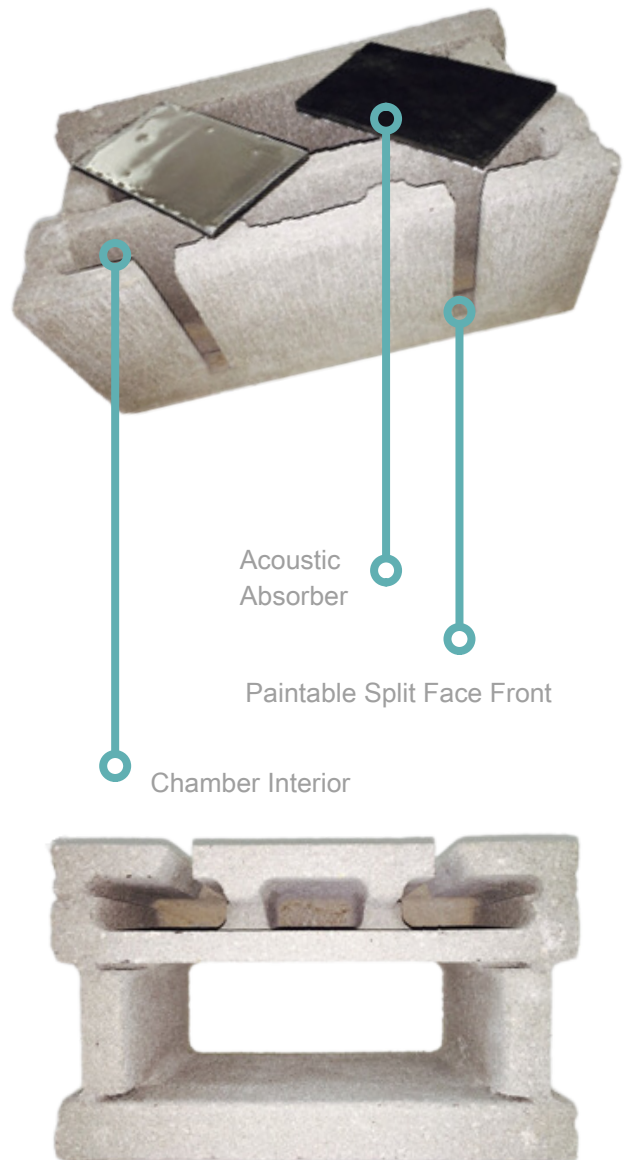
WHAT ARE **SOUNDBLOX®** ACOUSTIC MASONRY UNITS?

Soundblox® Acoustic Masonry offers a unique and effective solution for sound management in various settings such as educational institutions, recreational facilities, and industrial environments. These acoustic masonry units, compliant with the CSA standard A165.1-1964 for hollow load-bearing concrete masonry units, are designed for both structural integrity and enhanced sound absorption, with an NRC value of 0.80. This makes them comparable to typical 25mm acoustical panels in performance.


Their rugged durability allows for use in areas where acoustical treatment is crucial yet challenging due to environmental demands, such as gymnasiums and industrial plants.

The versatility of Soundblox® in design, available in 20cm, 25cm, and 30cm blocks with quad-chamber and tri-chamber configurations, enables custom applications fitting various architectural needs.

Soundblox® units are cost-effective as they are part of the building structure, providing both sound control and structural strength. This dual functionality makes Soundblox® an ideal choice for building projects that require efficient sound management without compromising on safety and performance



TECHNICAL AND ACOUSTIC PERFORMANCE

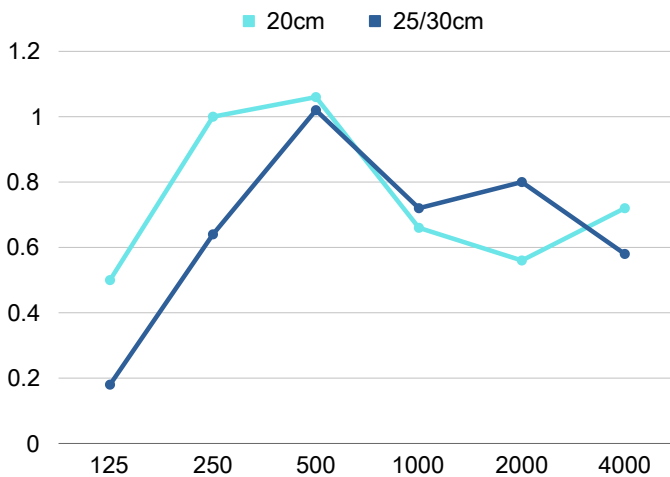


	FREQUENCY (Hz)						NRC
	125	250	500	1000	2000	4000	
20cm	0.50	1.00	1.06	0.66	0.56	0.72	0.80
25cm	0.18	0.64	1.02	0.72	0.80	0.58	0.80
30cm	0.18	0.64	1.02	0.72	0.80	0.58	0.80

Noise Reduction Coefficient (NRC) is calculated by averaging the sound absorption coefficients of a material at four frequencies (250 Hz, 500 Hz, 1000 Hz, and 2000 Hz) as measured in a reverberation room according to ASTM C423-66 standards.

	125	250	500	1000	2000	4000	STC
20cm	36	44	50	54	58	56	53

Using the same test method (NCMA-TEK 69B, KAL 369-5-66), ordinary hollow concrete blocks show an STC rating of 46. SOUNDBLOX® Walls have markedly better sound transmission loss than walls constructed of ordinary blocks of the same dimensions.



KEY PROPERTIES



Canadian Made
Manufactured in Edmonton, Alberta since 1974



Customizable
Paintable - No Loss of Performance



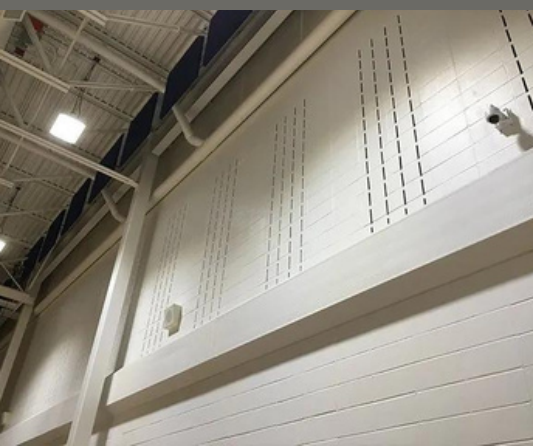
Safe
Load-Bearing



Dimensions
20cm, 25cm, 30cm

SUITABLE FOR

Gymnasiums, Auditoriums, Community Halls, Arenas, Transformer Stations, Exterior Permanent Sound Walls, Etc.



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