

BBC-SERIES

NOISE BARRIERS/SOUND ABSORBER COMPOSITES

BBC-7X Noise Barrier/Sound Absorber Composite

This barrier-backed configuration offers the benefits of both sound absorption and noise barrier products. A non-reinforced 1-lb psf loaded vinyl noise barrier is bonded to a 1" vinyl faced quilted fiberglass absorber. "X" style Sound Curtain panels are constructed with grommets across the top and **bottom, and exterior grade** Velcro seals along the vertical edges and heavy duty edge binding. The product is also available in roll form with bound edges.

- Class 1 or A per ASTM E84
- STC rating 27
- NRC rating 0.70
- Available facing colors on absorber side: gray, tan, white or black

Applications:

This product is typically used as a **temporary noise barrier on outdoor applications such as construction site noise mitigation projects**. Also available with a two-inch thick quilted fiberglass sound absorber for better acoustical performance.

Product Data:

Description	1" vinyl faced quilted fiberglass bonded to a 1 LB/SF non-reinforced loaded vinyl barrier
Nominal thickness	1.00"
Temperature range	-20° to +180° F
Standard width	54"
Roll length	25'
Weight	1.2 lbs/sf

Acoustical Data:

Sound Transmission Loss:

PRODUCT	OCTAVE BAND FREQUENCIES (Hz)						STC
	125	250	500	1000	2000	4000	
BBC-7	11	16	24	30	35	35	27

ASTM E-90 & E 413

Sound Absorption Performance;

PRODUCT	OCTAVE BAND FREQUENCIES (Hz)						NRC
	125	250	500	1000	2000	4000	
BBC-7	.12	.47	.85	.84	.64	.62	.70

ASTM C 423