

NOISE BARRIERS

BBC-SERIES

NOISE BARRIERS/SOUND ABSORBER COMPOSITES

BBC-13X-2" Sound Curtains

Pierce Co.'s BBC-13X-2" offers the benefits of both a noise barrier and a sound absorber for outdoor applications. This product consists of a two-inch thick vinyl-coated-fiberglass-cloth faced quilted fiberglass absorber that is bonded to a one-pound per sq. ft. reinforced loaded vinyl noise barrier. "X" style Sound Curtain panels are constructed with grommets across the top and bottom, and exterior grade Velcro seals along the vertical edges.

- Acoustical Ratings: STC 32, NRC .85
- Class A Flammability Rated per ASTM E- 84
- Designed for Outdoor Applications
- Available facing colors on quilt: gray, tan, black or off-white
- Available barrier colors: gray, tan, blue or olive drab



Applications

With a minimum life span of 7 years (when properly installed) in the harshest environments, this product is typically used as a noise barrier on outdoor applications such as construction site noise mitigation projects. BBC-13-2" has been a recommended, specified and approved product to comply with the *New York City Noise Ordinance Code*.

Product Data

<i>Description</i>	Vinyl coated fiberglass cloth facing on 2" quilted fiberglass and 1 lb-psf reinforced loaded vinyl noise barrier
<i>Flammability</i>	Flame Spread: 23.0 - Smoke density: 30.0
<i>Nominal thickness</i>	2.0 inches
<i>Temperature range</i>	-30° to +80° C (-20° to +180° F)
<i>Standard roll size</i>	54" wide x 25' long
<i>Weight</i>	1.45 lb-psf

Acoustical Performance

Sound Transmission Loss OCTAVE BAND FREQUENCIES (Hz)

Product	125	250	500	1000	2000	4000	STC
BBC-13X-2"	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
BBC-13X-2"	.07	.27	.96	1.13	1.08	.99	.85

ASTM C 423



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