SOUND SEAL® SOUND CURTAINS

BBC-SERIES NOISE BARRIER/SOUND ABSORBER COMPOSITES
1. **Block** construction noise so project site is neighborhood-friendly

2. **Absorb** sound so it does not bounce-back noise to job site like concrete barriers or plywood

**Sound Seal Noise Solutions**

1-800-569-1294

www.SoundCurtains.com

**DISTRIBUTION CENTER**

**Situation:** Noise from truck engine idle

**Sound Seal Solution:** QFA-EXT-2”-D sound absorption panels, in straight-stitch panel installed to reduce noise
Sound Seal Sound Curtains are available in two styles for outdoor applications. Long-term, permanent ("R" style) and short-term, temporary ("N" style) modular sound curtains both offer noise control that's simple, cost effective, and they work.

- Reduce outdoor construction and/or community noise
- High actual noise reduction up to 20 dB(A)
  - Economical alternative to rigid acoustical panel systems
  - Easily installed, relocated, or modified

**Flexible configurations to suit your needs for easy set-up, easy maneuverability.**
- Custom engineered systems for any application
- Durable and washable
- A variety of colors
- Designs blend with landscape

**Sound Seal Sound Curtains help you get the job done without hassle and on time.**
- Comply with city noise codes
- Avoid litigation from neighbors
- End costly delays and work stoppages due to noise
- Expedite options ship in one week or less

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**BOSTON’S BIG DIG**

**Situation:** Noise control measures specified by engineers

**Sound Seal Solution:** 10 dB(A) noise reduction; modular panels moved as project progressed

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**NEW YORK CITY**

**Situation:** Contractor must comply with NYC Noise Ordinance before project may proceed

**Sound Seal Solution:** BBC-EXT Sound Curtains installed around job site

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**INDIANAPOLIS, IN**

**Situation:** Dust collector behind manufacturing facility creating neighborhood noise problem

**Sound Seal Solution:** BBC-EXT-R -2' Sound Curtains installed on chain link fence offers long term effective noise reduction of 15 dB(A)

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**CALPINE CALIFORNIA NATURAL GAS, SACRAMENTO, CA**

**Situation:** Neighborhood noise, restricted work hours, high winds

**Sound Seal Solution:** BBC-EXT Sound Curtains installed on engineer certified steel tube frame yields 16 dB(A) noise reduction
BBC-EXT-R-2" offers the benefits of both a noise barrier and a sound absorber composite in one product for outdoor applications. This barrier backed product consists of an exterior grade, UV resistant heavy-duty faced quilted fiberglass absorber bonded to a one-pound per sq. ft. reinforced loaded vinyl barrier. The heavy-duty facing is a 10 oz. per sq. yd. vinyl-coated-polyester (VCP) quilted to the sound absorber rather than the standard 4.5 oz. facing. Curtain panels are constructed with grommets across the top and bottom and exterior grade Velcro seals along the vertical edges, and are sewn with Gore Tenara exterior grade thread.

- STC 32 Rating, NRC .85
- Available facing colors on quilt: gray, tan, black
- Available barrier colors: gray, tan, olive drab or blue

Applications:
Typically used as modular curtain panels on long-term construction projects or permanent outdoor applications such as enclosing HVAC equipment, dust collectors or similar machinery behind a manufacturing plant where UV and abuse resistance as well as maximum durability, longevity and noise reduction is required. Also available with a one-inch thick quilted fiberglass absorber, or with a two-pound per sq. ft. reinforced barrier.

Product Data:
Description: Vinyl coated polyester facing on 2" quilted fiberglass/1 Lb-psf reinforced loaded vinyl barrier
Nominal thickness: 2.0 inches
Temperature range: -20° to +180° F
Standard panel width: 54" wide, lengths as required up to 20 high
Weight: 1.45 Lb psf

Acoustical Performance:

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<th>250</th>
<th>500</th>
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<th>2000</th>
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ASTM E-90 & E 413

Sound Transmission Loss

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ASTM C 423

Both "R" and "N" style sound curtains are available with 1.0 inch or 2.0 in.
The barrier-backed EXT-N style sound curtain offers the benefits of both sound absorption and noise barrier products in one for outdoor applications. A cost saving non-reinforced 1-Lb psf loaded vinyl barrier is bonded to a 1" thick exterior grade vinyl-coated-polyester faced quilted fiberglass absorber. These economic modular sound curtains are typically constructed with grommets across the top and bottom, and exterior grade Velcro seals along the vertical edges.

- STC rating 27
- NRC rating 0.70
- Available facing colors on absorber side: gray, tan, or black
- Barrier color: black

**Applications:**
Typically used as an economic Sound Curtain on temporary construction projects with a 3-5 year life span. The exterior grade VCP facing is specifically formulated for outdoor applications. Composite products offer maximum noise reduction by both blocking and absorbing noise at job sites. Also available with a 2" thick sound absorber.

**Product Data:**
- Description: 1" Heavy Duty VCP faced quilted fiberglass bonded to a 1 Lb/SF non-rein forced loaded vinyl barrier
- Nominal thickness: 1.0 inches
- Temperature range: -20° to +180° F
- Standard width: 54"
- Weight: 1.2 Lb/SF

**Acoustical Data**

**Sound Transmission Loss**

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ASTM E-90 & E 413

**Sound Absorption Data**

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ASTM C 423

thick quilted fiberglass absorbers, and 1.0 Lb or 2.0 Lb psf noise barriers.