

Acoustic Blankets Weatherproof Long-term Reinforced Soundproofing



NC-AB110EXT-R Sound Curtains

NC- AB110EXT-R 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, exterior grade Velcro seals along the vertical edges, and are sewn with Gore Tenara exterior grade thread.

- STC 27 Rating, NRC .70
- Available facing colors on quilt: gray, tan, black, off-white
- 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 faced 1" quilted fiberglass/ 1 lb-psf reinforced loaded vinyl barrier |
| Nominal thickness | 1.0 inches |
| Temperature range | -20° to +180° F |
| Standard panel width | 54" wide, lengths as required up to 20' high |
| Weight | 1.2 lb psf |

Acoustical Performance:

Sound Transmission Loss

| Product | OCTAVE BAND FREQUENCIES (Hz) | | | | | | STC |
|---------------|------------------------------|-----|-----|------|------|------|-----|
| | 125 | 250 | 500 | 1000 | 2000 | 4000 | |
| NC-AB110EXT-R | 11 | 16 | 24 | 30 | 35 | 37 | 27 |

ASTM E-90 & E 413

Sound absorption Data

| Product | OCTAVE BAND FREQUENCIES (Hz) | | | | | | NRC |
|---------------|------------------------------|-----|-----|------|------|------|-----|
| | 125 | 250 | 500 | 1000 | 2000 | 4000 | |
| NC-AB110EXT-R | .12 | .47 | .85 | .84 | .64 | .62 | .70 |

ASTM C 423

NC-AB110EXT-R2 Sound Curtains



NC- AB110EXT-R2 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, 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, off-white
- 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 faced 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:

Sound Transmission Loss

| Product | OCTAVE BAND FREQUENCIES (Hz) | | | | | | STC |
|----------------|------------------------------|-----|-----|------|------|------|-----|
| | 125 | 250 | 500 | 1000 | 2000 | 4000 | |
| ANC-AB110EXT-R | 13 | 20 | 29 | 40 | 50 | 55 | 32 |

ASTM E-90 & E 413

Sound absorption Data

| Product | OCTAVE BAND FREQUENCIES (Hz) | | | | | | NRC |
|----------------|------------------------------|-----|-----|------|------|------|-----|
| | 125 | 250 | 500 | 1000 | 2000 | 4000 | |
| ANC-AB110EXT-R | .07 | .27 | .96 | 1.13 | 1.08 | .99 | .85 |

ASTM C 423