

QBO-1

OUTDOOR SOUND BARRIER BLANKETS



ABSORB AND BLOCK SOUND WAVES

The **QBO-1** blanket by NetWell offers the benefits of both a noise barrier and a sound absorber for outdoor applications. The QBO-1 consists of a 1" thick vinyl-coated-fiberglass-cloth faced quilted fiberglass that is bonded to a 1 lb-psf reinforced loaded vinyl noise barrier.



controlnoise.com/qbo-blankets

FEATURES:

- Absorb and block outdoor noise
- High noise reduction up to 20 dB(A)
- Economical alternative to rigid panel systems
- Easily installed, relocated, or modified
- Class A fire rated
- Custom sizes available

APPLICATIONS:

- Typically used as a temporary noise barrier for outdoor applications such as construction site noise mitigation projects.
- Life span of 5+ years (when properly installed) and wind load ratings up to 120 mph.



SIZES

Panels available in any custom size up to 4.5' x 25'. Also available in 4.5' x 25' rolls with edges bound or unbound.

TEMPERATURE RANGE

-20° to +180° F

FLAMMABILITY

Flame spread: 23.0
Smoke density: 30.0

AVAILABLE COLORS

Facing colors: gray, tan, black, or white
Barrier colors: gray, tan, black

DESCRIPTION

Vinyl coated fiberglass cloth facing on 1" quilted fiberglass / 1 lb-psf reinforced loaded vinyl barrier

WEIGHT

1.2 lb-psf

NOMINAL THICKNESS

1.0 inch

ACOUSTICAL PERFORMANCE

Sound Transmission Loss: Octave Band Frequencies (Hz)

Product	125	250	500	1K	2K	4K	STC
QBO-1	11	16	24	30	35	35	27

ASTM E-90 & E 413

Sound Absorption Data: Octave Band Frequencies (Hz)

Product	125	250	500	1K	2K	4K	NRC
QBO-1	.12	.47	.85	.84	.64	.62	.70

ASTM C 423

HARDWARE AND INSTALLATION

QBO-style panels are constructed with grommets across the top and bottom edges and exterior-grade Velcro seals along the vertical edges for connecting multiple panels together to form a continuous barrier. Corner seals are also available. Hardware is not included. For attachment to fencing, we recommend heavy-duty zip ties.



QBO-2

OUTDOOR SOUND BARRIER BLANKETS



ABSORB AND BLOCK SOUND WAVES

The **QBO-2** blanket by NetWell offers the benefits of both a noise barrier and a sound absorber for outdoor applications. This product consists of a 2" thick vinyl-coated-fiberglass-cloth faced quilted fiberglass absorber that is bonded to a 1 lb-psf reinforced loaded vinyl noise barrier.



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FEATURES:

- Absorb and block outdoor noise
- High noise reduction up to 20 dB(A)
- Economical alternative to rigid panel systems
- Easily installed, relocated, or modified
- Class A fire rated
- Custom sizes available

APPLICATIONS:

- Typically used as a temporary noise barrier for outdoor applications such as construction site noise mitigation projects.
- Life span of 5+ years (when properly installed).
- QBO-2 has been a recommended, specified, and approved product to comply with the New York City Noise Ordinance Code.



DESCRIPTION

Vinyl coated fiberglass cloth facing on 2" quilted fiberglass / 1 lb-psf reinforced loaded vinyl noise barrier

SIZES

Panels available in any custom size up to 4.5' x 25'. Also available in 4.5' x 25' rolls with edges bound or unbound.

WEIGHT

1.45 lb-psf

NOMINAL THICKNESS

2.0 inch

TEMPERATURE RANGE

-20° to +180° F

FLAMMABILITY

Flame spread: 23.0

Smoke density: 30.0

AVAILABLE COLORS

Facing colors: gray, tan, black, or white

Barrier colors: gray, tan, black

ACOUSTICAL PERFORMANCE

Sound Transmission Loss: Octave Band Frequencies (Hz)

Product	125	250	500	1K	2K	4K	STC
QBO-2	13	20	29	40	50	55	32

ASTM E-90 & E 413

Sound Absorption Data: Octave Band Frequencies (Hz)

Product	125	250	500	1K	2K	4K	NRC
QBO-2	.07	.27	.96	1.13	1.08	.99	.85

ASTM C 423

HARDWARE AND INSTALLATION

QBO-style panels are constructed with grommets across the top and bottom edges and exterior-grade Velcro seals along the vertical edges for connecting multiple panels together to form a continuous barrier. Corner seals are also available. Hardware is not included. For attachment to fencing, we recommend heavy-duty zip ties.



QBO-3

OUTDOOR SOUND BARRIER BLANKETS



ABSORB AND BLOCK SOUND WAVES

The **QBO-3** blanket by NetWell offer the benefits of both a noise barrier and a sound absorber for outdoor applications. This product consists of a 2" thick vinyl-coated- fiberglass-cloth faced quilted fiberglass that is bonded to a 2 lb-psf reinforced loaded vinyl noise barrier.



controlnoise.com/qbo-blankets

FEATURES:

- Absorb and block outdoor noise
- High noise reduction up to 20 dB(A)
- Economical alternative to rigid panel systems
- Easily installed, relocated, or modified
- Class A fire rated
- Custom sizes available

APPLICATIONS:

- Typically used as a temporary noise barrier for outdoor applications such as construction site noise mitigation projects.
- Life span of 7+ years (when properly installed).



DESCRIPTION

Vinyl coated fiberglass cloth facing quilted on 2" fiberglass / 2 lb-psf reinforced loaded vinyl barrier

SIZES

Panels available in any custom size up to 4.5' x 25'. Also available in 4.5' x 25' rolls with edges bound or unbound.

WEIGHT

2.45 lb-psf

NOMINAL THICKNESS

2.0 inch

TEMPERATURE RANGE

-20° to +180° F

FLAMMABILITY

Flame spread: 23.0

Smoke density: 30.0

AVAILABLE COLORS

Facing colors: gray, tan, black, or white

Barrier colors: gray, tan, black

ACOUSTICAL PERFORMANCE

Sound Transmission Loss: Octave Band Frequencies (Hz)

Product	125	250	500	1K	2K	4K	STC
QBO-3	19	25	33	46	53	58	37

ASTM E-90 & E 413

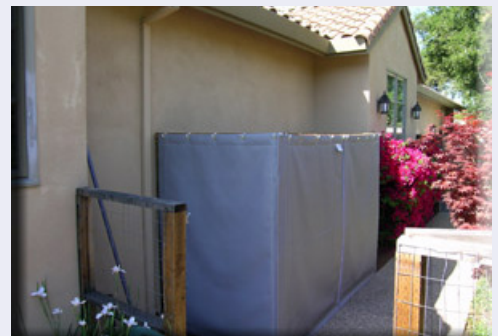
Sound Absorption Data: Octave Band Frequencies (Hz)

Product	125	250	500	1K	2K	4K	NRC
QBO-3	.07	.27	.96	1.13	1.08	.99	.85

ASTM C 423

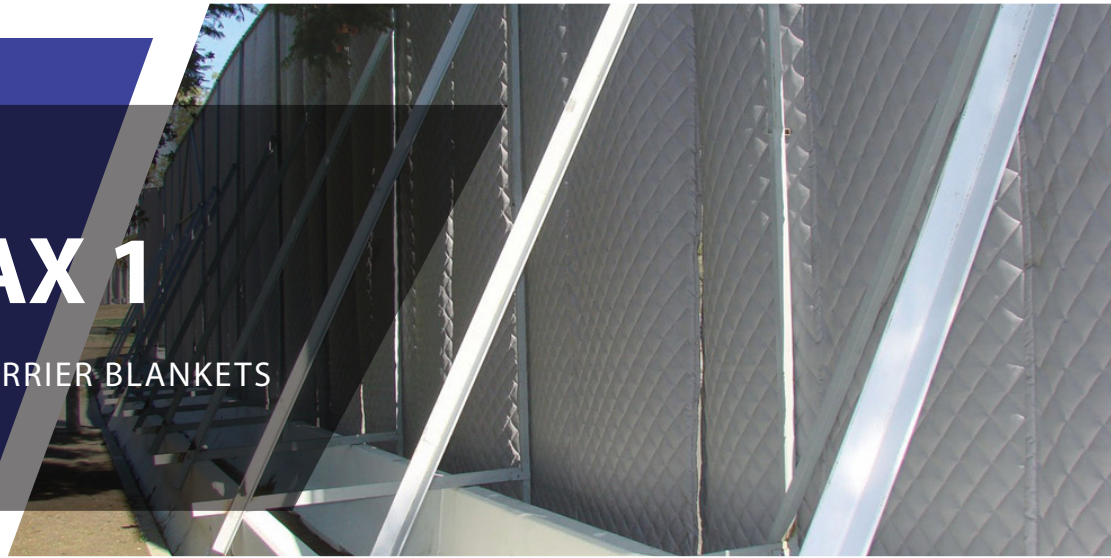
HARDWARE AND INSTALLATION

QBO-style panels are constructed with grommets across the top and bottom edges and exterior-grade Velcro seals along the vertical edges for connecting multiple panels together to form a continuous barrier. Corner seals are also available. Hardware is not included. For attachment to fencing, we recommend heavy-duty zip ties.



QBO-MAX 1

OUTDOOR SOUND BARRIER BLANKETS



ABSORB AND BLOCK SOUND WAVES

The **QBO-MAX 1** blanket by NetWell 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 VCP faced quilted fiberglass absorber bonded to a 1 lb-psf reinforced loaded vinyl noise barrier.



FEATURES:

- Maximum durability and longevity outdoors
- UV and abuse resistance
- Easily installed, relocated, or modified
- Custom sizes available

APPLICATIONS:

- Typically used as modular curtain panels on long-term construction projects or permanent outdoor applications such as machinery behind a manufacturing plant.
- Also available with a 2" thick quilted fiberglass absorber, or with a 2 lb-psf reinforced barrier.

controlnoise.com/qbo-blankets

DESCRIPTION

Vinyl coated polyester faced 1" quilted fiberglass / 1 lb-psf reinforced loaded vinyl noise barrier

SIZES

Panels available in any custom size up to 4.5' wide and lengths as required up to 20' high. Also available with edges bound or unbound.

WEIGHT

1.2 lb-psf

NOMINAL THICKNESS

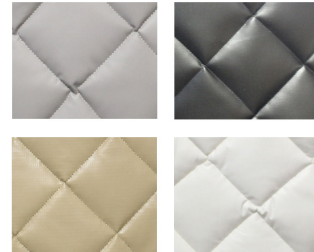
1.0 inch

TEMPERATURE RANGE

-20° to +180° F

AVAILABLE COLORS

Facing colors: gray, tan, black, or white
Barrier colors: gray, tan, black



ACOUSTICAL PERFORMANCE

Sound Transmission Loss: Octave Band Frequencies (Hz)

Product	125	250	500	1K	2K	4K	STC
QBO-MAX 1	15	17	28	40	45	52	29

ASTM E-90 & E 413

Sound Absorption Data: Octave Band Frequencies (Hz)

Product	125	250	500	1K	2K	4K	NRC
QBO-MAX 1	.18	.68	.74	.72	.42	.29	.65

ASTM C 423

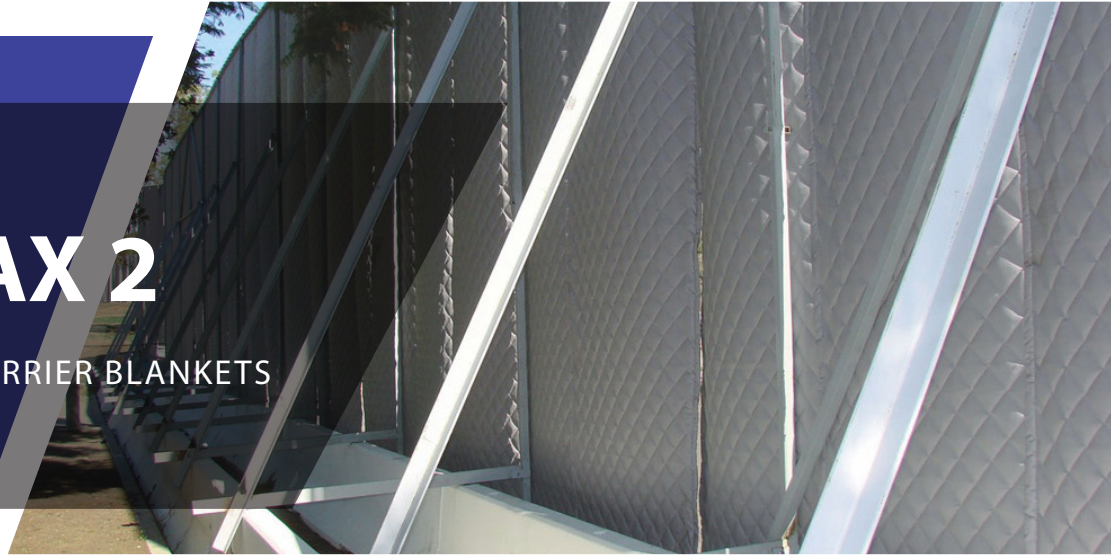
HARDWARE AND INSTALLATION

QBO-style panels are constructed with grommets across the top and bottom edges and exterior-grade Velcro seals along the vertical edges for connecting multiple panels together to form a continuous barrier. Corner seals are also available. Hardware is not included. For attachment to fencing, we recommend heavy-duty zip ties.



QBO-MAX 2

OUTDOOR SOUND BARRIER BLANKETS



ABSORB AND BLOCK SOUND WAVES

The **QBO-MAX 2** blanket by NetWell 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 a 1 lb-psf reinforced loaded vinyl noise barrier bonded to an acoustical fiberglass absorber that is quilted with an exterior grade, UV resistant heavy-duty VCP faced quilted.



FEATURES:

- Maximum durability and longevity outdoors
- UV and abuse resistance
- Easily installed, relocated, or modified
- Custom sizes available

APPLICATIONS:

- Typically used as modular sound curtain panels on long-term construction projects or permanent outdoor applications where UV and abuse resistance as well as maximum durability, longevity and noise reduction is required.
- This product is also available with a 1" thick quilted fiberglass absorber, or with a 2 lb-psf reinforced noise barrier.

controlnoise.com/qbo-blankets

DESCRIPTION

Vinyl coated polyester faced 2" quilted fiberglass / 1 lb-psf reinforced loaded vinyl noise barrier

SIZES

Panels available in any custom size up to 4.5' wide and lengths as required up to 20' high. Also available with edges bound or unbound.

WEIGHT

1.45 lb-psf

NOMINAL THICKNESS

2.0 inch

WIND LOAD

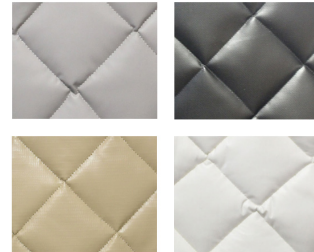
140 MPH per ASTM E330
"Wind Load Test Procedure"

TEMPERATURE RANGE

-20° to +180° F

AVAILABLE COLORS

Facing colors: gray, tan, black, or white
Barrier colors: gray, tan, black



ACOUSTICAL PERFORMANCE

Sound Transmission Loss: Octave Band Frequencies (Hz)

Product	125	250	500	1K	2K	4K	STC
QBO-MAX 2	14	20	32	41	42	41	33

ASTM E-90 & E 413

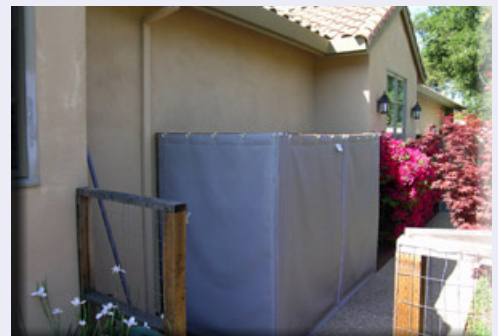
Sound Absorption Data: Octave Band Frequencies (Hz)

Product	125	250	500	1K	2K	4K	NRC
QBO-MAX 2	.45	.96	.87	.66	.47	.28	.75

ASTM C 423

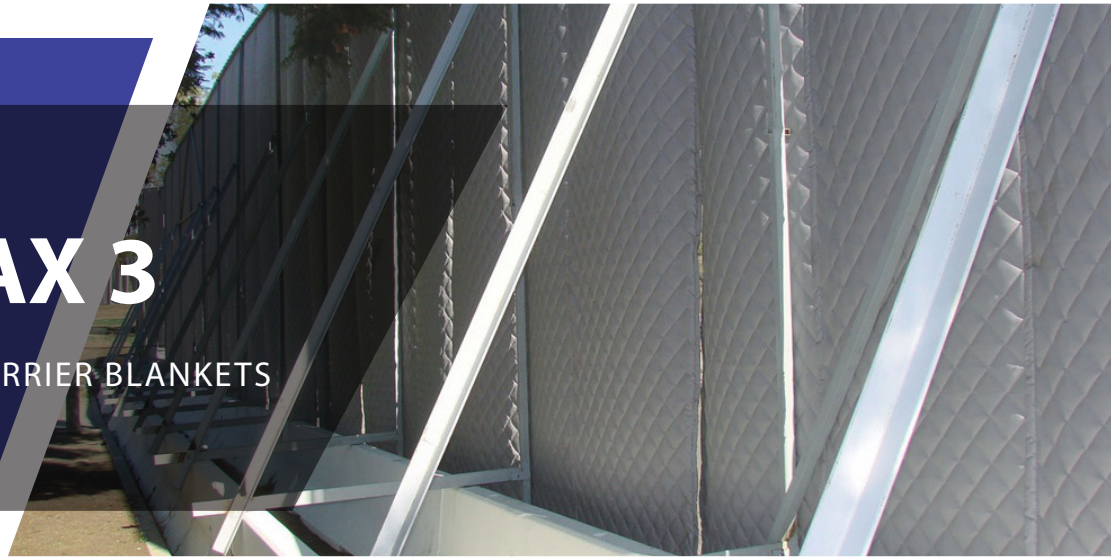
HARDWARE AND INSTALLATION

QBO-style panels are constructed with grommets across the top and bottom edges and exterior-grade Velcro seals along the vertical edges for connecting multiple panels together to form a continuous barrier. Corner seals are also available. Hardware is not included. For attachment to fencing, we recommend heavy-duty zip ties.



QBO-MAX 3

OUTDOOR SOUND BARRIER BLANKETS



ABSORB AND BLOCK SOUND WAVES

The **QBO-MAX 3** blanket by NetWell 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 2 lb-psf reinforced loaded vinyl barrier.



FEATURES:

- Maximum durability and longevity outdoors
- UV and abuse resistance
- Easily installed, relocated, or modified
- Custom sizes available

APPLICATIONS:

- Typically used as modular curtain panels on long-term construction projects or permanent outdoor applications such as machinery behind a manufacturing plant where UV and abuse resistance as well as maximum durability, longevity and noise reduction is required.
- This product is also available with a 1" thick quilted fiberglass absorber, or with a 1 lb-psf reinforced barrier.

controlnoise.com/qbo-blankets

DESCRIPTION

Vinyl coated polyester faced 2" quilted fiberglass / 2 lb-psf reinforced loaded vinyl barrier

SIZES

Panels available in any custom size up to 4.5' wide and lengths as required up to 20' high. Also available with edges bound or unbound.

WEIGHT

2.45 lb-psf

NOMINAL THICKNESS

2.0 inch

TEMPERATURE RANGE

-20° to +180° F

AVAILABLE COLORS

Facing colors: gray, tan, black, or white

Barrier colors: gray, tan, black



ACOUSTICAL PERFORMANCE

Sound Transmission Loss: Octave Band Frequencies (Hz)

Product	125	250	500	1K	2K	4K	STC
QBO-MAX 3	18	26	38	48	52	56	38

ASTM E-90 & E 413

Sound Absorption Data: Octave Band Frequencies (Hz)

Product	125	250	500	1K	2K	4K	NRC
QBO-MAX 3	0.45	0.96	0.87	0.66	0.47	0.28	0.75

ASTM C 423

HARDWARE AND INSTALLATION

QBO-style panels are constructed with grommets across the top and bottom edges and exterior-grade Velcro seals along the vertical edges for connecting multiple panels together to form a continuous barrier. Corner seals are also available. Hardware is not included. For attachment to fencing, we recommend heavy-duty zip ties.

