

QBO-1 Outdoor Sound Barrier

NetWell's **QBO-1** offers the benefits of both a noise barrier and a sound absorber for outdoor applications. The QBO-1 consists of a one-inch thick vinyl-coated-fiberglass-cloth faced quilted fiberglass that is bonded to a one-pound per sq. ft. reinforced loaded vinyl noise barrier. **QBO** style Sound Blanket panels are constructed with grommets across the top and **bottom, and exterior grade** Velcro seals along the vertical edges. The product is also available in roll form with edges bound or unbound.

- Class A (or 1) flammability rated per ASTM E 84
- Designed for outdoor applications
- Available facing colors: gray, tan, black, or off-white
- Available barrier colors: gray, tan, blue or olive drab



Applications:

Even in the harshest environments, with a minimum life span of 5 years* and wind load ratings of 120 mph, 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-pound psf noise barrier or a two-inch thick quilted fiberglass sound absorber for better acoustical performance.

Product Data:

Description	Vinyl coated fiberglass cloth facing on 1" quilted fiberglass 1lb-psf reinforced loaded vinyl barrier
Flammability	Flame Spread: 23.0 Smoke density: 30.0
Nominal thickness	1.0 inch
Temperature range	-20° to +180° F
Standard roll size	54" wide x 25' long
Weight	1.2 lb psf



Acoustical Performance:

Sound Transmission Loss

Product	OCTAVE BAND FREQUENCIES (Hz)						STC
	125	250	500	1000	2000	4000	
QBO-1	11	16	24	30	35	35	27

ASTM E-90 & E 413

Sound Absorption Data

Product	OCTAVE BAND FREQUENCIES (Hz)						NRC
	125	250	500	1000	2000	4000	
QBO-1	.12	.47	.85	.84	.64	.62	.70

ASTM C 423

* when properly installed.

QBO-2 Outdoor Sound Barrier

NetWell's **QBO-2** offers the benefits of both a noise barrier and a sound absorber for outdoor applications. The QBO-2 consists of a two-inch thick vinyl-coated-fiberglass-cloth faced quilted fiberglass that is bonded to a one-pound per sq. ft. reinforced loaded vinyl noise barrier. **QBO** style Sound Blanket panels are constructed with grommets across the top and **bottom, and exterior grade** Velcro seals along the vertical edges. The product is also available in roll form with edges bound or unbound.

- Class A (or 1) flammability rated per ASTM E 84
- Designed for outdoor applications
- Available facing colors: gray, tan, black, or off-white
- Available barrier colors: gray, tan, blue or olive drab



Applications:

With a minimum life span of 5 years* in the harshest environments and a wind load rating of 120 mph, this product is typically used as a **temporary noise barrier on outdoor applications such as construction site noise mitigation projects**. QBO-2 has been a recommended, specified, and approved product to comply with the New York City Noise Ordinance Code.

Product Data:

Description	Vinyl coated fiberglass cloth facing on 2" quilted fiberglass 1lb-psf reinforced loaded vinyl barrier
Flammability	Flame Spread: 23.0 Smoke density: 30.0
Nominal thickness	2.0 inch
Temperature range	-20° to +180° F
Standard roll size	54" wide x 25' long
Weight	1.45 lb psf



Acoustical Performance:

Sound Transmission Loss

Product	OCTAVE BAND FREQUENCIES (Hz)						STC
	125	250	500	1000	2000	4000	
QBO-2	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	
QBO-2	.07	.27	.96	1.13	1.08	.99	.85

ASTM C 423

* when properly installed.

QBO-3 Outdoor Sound Barrier

NetWell's **QBO-3** 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 bonded to a two-pound per sq. ft. reinforced loaded vinyl noise barrier. **QBO** style Sound Blanket panels are constructed with grommets across the top and **bottom, and exterior grade** Velcro seals along the vertical edges. The product is also available in roll form with edges bound or unbound.

- Class A (or 1) flammability rated per ASTM E- 84
- For Indoor or Outdoor Applications
- Available facing colors on quilt: gray, tan, black or off-white
- Available barrier colors: gray, tan, blue or olive drab



Applications:

With its 7+ year life span* in the harshest environments, this product is typically used as a **temporary noise barrier on outdoor applications such as construction site noise mitigation projects**. Also available with a one-pound psf noise barrier or a one-inch thick quilted fiberglass sound absorber.

Product Data:

Description	Vinyl coated fiberglass cloth facing on 2" quilted fiberglass/ 2 lb-psf reinforced loaded vinyl noise barrier
Flammability	Flame Spread: 23.0 Smoke density: 30.0
Nominal thickness	2.0 inches
Temperature range	-20° to +180° F
Standard roll size	54" wide x 25' long
Weight	2.45 lb psf



Acoustical Performance:

Sound Transmission Loss

Product	OCTAVE BAND FREQUENCIES (Hz)						
	125	250	500	1000	2000	4000	STC
QBO-3	19	25	33	46	53	58	37

ASTM E-90 & E 413

Sound Absorption Data

Product	OCTAVE BAND FREQUENCIES (Hz)						
	125	250	500	1000	2000	4000	NRC
QBO-3	.07	.27	.96	1.13	1.08	.99	.85

ASTM C 423

* when properly installed.

QBO-Max 1 Outdoor Sound Barrier

NetWell's QBO-Max 1 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 one-pound per sq. ft. reinforced loaded vinyl noise barrier. Modular curtain panels are constructed with grommets across the top and bottom, and exterior grade Velcro seals along the vertical edges. Modular panels are sewn with an exterior grade thread.

- STC 29 Rating, NRC .65
- Maximum Durability and Longevity Outdoors
- Available facing colors on quilt: gray, tan, black, off-white
- Available barrier colors: gray, tan, black 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 two-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 noise barrier
Nominal thickness	1.0 inch
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	
QBO-Max 1	15	17	28	40	45	52	29

ASTM E-90 & E 413

Sound Absorption Data

Product	OCTAVE BAND FREQUENCIES (Hz)						NRC
	125	250	500	1000	2000	4000	
QBO-Max 1	.18	.68	.74	.72	.42	.29	.65

ASTM C 423

QBO-Max 2 Outdoor Sound Barrier

NetWell's QBO-Max 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 a one-pound per sq. ft. 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. Modular sound curtain panels are constructed with grommets across the top and bottom, and exterior grade Velcro seals along the vertical edges. The panels are sewn with an exterior grade thread.

- STC 33 Rating, NRC .75
- Maximum Durability and Longevity for outdoor applications
- Available facing colors on quilt: gray, tan, black, off-white
- Available barrier colors: gray, tan, black or blue



Applications:

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

Product Data:

Description	Vinyl coated polyester faced 2" quilted fiberglass/ 1 lb-psf reinforced loaded vinyl noise barrier
Nominal Thickness	2-inches
Wind Load	140 MPH per ASTM E330 "Wind Load Test Procedure"
Temperature range	-20° to +180° F
Standard panel size	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	
QBO-Max 2	14	20	32	41	42	41	33

ASTM E-90 & E 413

Sound Absorption Performance:

Product	OCTAVE BAND FREQUENCIES (Hz)						NRC
	125	250	500	1000	2000	4000	
QBO-Max 2	.45	.96	.87	.66	.47	.28	.75

ASTM C 423

QBO-Max 3 Outdoor Sound Barrier

NetWell's QBO-Max 3 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 two-pound per sq. ft. reinforced loaded vinyl barrier. Modular curtain panels are constructed with grommets across the top and bottom, and exterior grade Velcro seals along the vertical edges. Modular panels are sewn with an exterior grade thread.

- STC 38 Rating, NRC .65
- Available facing colors on quilt: gray, tan, black, off-white
- Available barrier colors: gray, tan, black or blue
- Maximum Durability and Longevity for outdoor applications



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 two-inch thick quilted fiberglass absorber, or with a one-pound per sq. ft. reinforced barrier.

Product Data:

Description	Vinyl coated polyester faced 1" quilted fiberglass/ 2 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	2.2 lb psf

Acoustical Data:

Sound Transmission Loss:

Product	OCTAVE BAND FREQUENCIES (Hz)						STC
	125	250	500	1000	2000	4000	
QBO-Max 3	18	26	38	48	52	56	38

ASTM E-90 & E 413

Sound Absorption Performance:

Product	OCTAVE BAND FREQUENCIES (Hz)						NRC
	125	250	500	1000	2000	4000	
QBO-Max 3	.18	.68	.74	.72	.42	.29	.65

ASTM C 423