



ENVIRONMENTAL NOISE BLANKETS

Environmental Noise Blankets by Kinetics Noise Control are durable, easy to install, and weather resistant short-term and long-term noise control solution. Designed for rapid deployment, Environmental Noise Blankets both block transmitted noise, and reduce reverberant, or reflected, sound.



QUICK AND EASY INSTALLATION

Use zip ties to connect the barrier to the fence as shown in the image to the right.

Barrier panels installed are unconnected to one another to allow for free airflow

BENEFITS

- Increased Privacy
- Control Noise
- Reduce Reverberation for improved Acoustics
- Cost Effective
- Easy to Install

APPLICATIONS

- Outdoor Event Spaces
- Equipment Yards
- Construction Sites
- Transportation

FEATURES

- UV Resistant
- Flame Resistant
- Tear & Rot Resistant
- Cleanable
- Custom Colors Available

STANDARD SIZES: 4 ft x 8 ft, 4ft x 10 ft, and 4 ft x 12 ft
Custom sizes available upon request.

Specifications and Physical Properties

Fiberglass Batting

Form: Fiber diameter 4-6 microns

Resin Binder: Thermosetting phenolic, 3-5% content by weight

Density: 2 lb. pcf (9.8 kg/m²) (nominal)

Thermal Conductivity: K=.25 (BTU in./°F x sq. ft. x hr.) @ 75°F mean.
(44.3 cal/in. x °C x sq. cm x hr. @ 24°C mean)

Facing

Product Properties	Test Method	Results
Base Fabric	NA	9 x 9 1000D Polyester
Weight	5041	14 oz. PSY
Embossing	NA	Leather
Tensile Strength	5100 (warp x fill)	200 x 200 lbs (+/-20)
Tear Strength	5134 (warp x fill)	70 x 70 lbs (=/- 10)
Hydrostatic Resistance	5512	370 PSI
Flame Resistance	MVSS-302	warp x fill
After Flame	seconds	2 x 2
Char Length	inches	3.5 x 3.5

Quilting Thread

(N) (A)

Polyester - per Fed. Spec. V-T-2850

Absorption Characteristics, Octave Band Frequency (Hz)

ASTM-C423

Product	125	250	500	1000	2000	4000
KNC-ENV	1.28	0.98	0.56	0.26	0.10	0.11

Transmission Loss Characteristics, Octave Band Frequency (Hz)

ASTM-E90

Product	125	250	500	1000	2000	4000
KFA-60A/A-ENV	5	9	18	27	33	34
KBC-ENV-100BQQ	11	14	28	35	41	48

KFA-60A/A-ENV – Nominal 6-inch thick quilt with environmental resistant facing

KBC-ENV-100BQQ – 2- layers of nominal 1.5 inch thick quilt with 1.0 psf mass-loaded vinyl barrier with environmental resistant facing.



kineticsnoise.com
sales@kineticsnoise.com
1-800-959-1229