

SONEX® Curtain Barrier Backed (BB)

Product Information



Durable, SONEX® Curtain BB is a composite that features sound-absorptive WILLTEC™ foam quilted with a vinyl facing on one side and bonded to a reinforced noise barrier material. This product provides excellent sound transmission loss and sound absorption performance. SONEX Curtain BB is ideal for use as barriers, independent walls, partitions or acoustical screens to isolate noisy machines or specific areas.

>> Advantages

- Absorbs and contains noise
- Easy access to machines
- Rugged and durable
- Customizable

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Product Information



Materials

- Standard facing material is vinyl-coated fabric in grey, white, tan or black
- Optional facing hi-temp silicone-coated fabric, decorative cloth fabric or non-woven porous scrim fabric
- Curtain hardware, hanging mechanisms and configuration options include clear vinyl windows, grommets, hook and loop fasteners, doors and sliding tracks are available

Size

- 25' (7.62 m) rolls with finished or unfinished edges
- Can be custom manufactured or integrated as a complete acoustical enclosure, giving access to machines or work cells

Applications

- Isolate and absorb noise around compressors, punch presses, vibratory bowls, granulators, turning machines or other noisy equipment
- Custom-made acoustical jackets on blowers, fans or compressor housing
- Separate workstations from noisy high-traffic areas
- Provide sound containment and absorption in noisy areas
- Suitable for some outdoor applications



SONEX® Curtain BB Product Specifications

Construction	One or two layers quilted WILLTEC® acoustical foam bonded to 1 lb./sq. ft. reinforced barrier
Facing Material	Standard: Vinyl-coated fabric (grey, white, tan, black) Optional: Hi-temp silicone-coated fabric, decorative cloth fabric or non-woven porous scrim fabric
Surface Pattern	Diamond-quilted pattern or straight-stitch pattern embossed barrier
Density	WILLTEC foam: 0.7 lb./cubic ft. Barrier: 1 lb./sq. ft.
Flammability	Class A per ASTM E84
Flame Spread	21
Smoke Density	171

Sound Absorption Coefficients

Type G Mounting ASTM C423-90							
	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	NRC
BB-1	0.19	0.66	0.76	0.66	0.48	0.35	0.65

Sound Transmission Data

ASTM E90-75 ATSM E413-73							
	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	STC
BB-1	15	18	22	30	42	48	27

>> Other Products

- Direct-Apply Ceiling and Wall Panels
- Suspended Ceiling Clouds and Baffles
- Suspended Grid Lay-in Panels
- Barriers, Foam and Composites

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