



## **SONEX® Curtain Barrier Backed (BB)** Product Information

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

SONEX Curtain BB is a composite that features sound absorptive willtec® foam quilted with a vinyl facing on one side, bonded to a reinforced noise barrier material. This product provides both 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. The combination of barrier and willtec foam contains and absorbs noise in almost any manufacturing environment where durability and dependability are required.

SONEX Curtain BB can be custom manufactured to integrate as a complete acoustical enclosure system giving access to machines or work cells. They are also available in 25' rolls with finished or unfinished edges.

SONEX Curtains BB are easy to install. Curtain hardware, hanging mechanisms and configuration options include clear vinyl windows, grommets, hook and loop fasteners, doors and sliding tracks. The standard facing material is a vinyl-coated fabric in grey, white, tan or black.

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### 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

### Other Products

pinta acoustic, inc. manufactures a broad range of acoustical materials including:

- CONTOUR® Ceiling Tiles
- HARMONI Ceiling Tiles
- WHITELINE® Ceiling Tiles
- SQUARELINE® Metal Ceiling Tiles
- SONEX® Baffles and Panels
- SONEX Clean Baffles, Panels and Ceiling Tiles
- SONEX NoiseBuster® Electronic Noise Canceling Earmuff
- FABRITEC Wall Panels
- PHONSTOP™ Ceiling and Wall Tiles
- WHISPERWAVE™ Panels, Baffles, Ceiling Clouds and Awnings
- PROSPEC® Barriers, Foams and Composites

### 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: 1lb./sq. ft.
Flammability	Class 1 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 ASTM E413-73	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	STC
BB-1	15	18	22	30	42	48	27