

SoundSense QB11

SoundSense QB11 is a composite of sound absorptive quilted faced fiberglass on one side of reinforced noise barrier material. The reinforced barrier back provides excellent durability and abuse resistance. QB11 is suitable for many outdoor applications and provides an effective, economic means of machinery noise reduction/elimination.

QB11 is available with vinyl, silicone, or scrim facing and comes in colors of gray, white, tan, or black. It is also available in bound or unbound rolls.



Applications:

- Outdoor machinery enclosures
- Sliding doors on acoustical curtain enclosures
- Acoustic jackets on blowers, fans, or compressor housing

Installation:

Install QB11 overlapping all seams and attaching to framework using roofing nails where possible. Acoustically caulk all seams. Purchase and staple ribbon trimming to cut edges for a custom look. For easier installations, modular acoustical curtain panels that feature grommets, and hook and loop fasteners along edges, can be custom ordered to fit any job.

Physical Properties:

Roll Size:	4.5' by 25'
Thickness:	1.08"
Material Composition:	1" Quilted Fiberglass – 1 lb. Loaded Vinyl Barrier
Weight:	1.3 lb./ sq. ft.
Temperature Range:	-20° F to 180 °F (vinyl) – 400 °F (scrim)
Fire Rating:	Class A fire rating per ASTM E-84

Acoustical Properties:

	<u>Frequency, Hz</u>						STC	NRC
	125	250	500	1000	2000	4000		
Sound Transmission Loss in dB	11	16	24	30	35	30	27	-
Sound Absorption Coefficient	0.12	0.47	0.85	0.84	0.64	0.62	-	0.70

