

SoundSense QB12

SoundSense QB12 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. QB12 is suitable for many outdoor applications when silicone coating is applied to the vinyl and provides an effective, economic means of noise reduction/elimination.



QB12 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:

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

Installation:

Install QB12 overlapping all seams and attaching to framework using roofing nails where possible. Acoustically caulk all seams. Purchase and staple ribbon trimming to visibly cut edges for a custom look. For easier installations, modular acoustic 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: 2"
Material Composition: 2" Quilted Fiberglass – 1 lb. Loaded Vinyl Barrier
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	13	20	29	40	50	55	32	-
Sound Absorption Coefficient	0.07	0.27	0.96	1.13	1.08	0.99	-	0.85

