SonoCon Noise Control

Faced Foam & Foam Barrier Composites

Applications

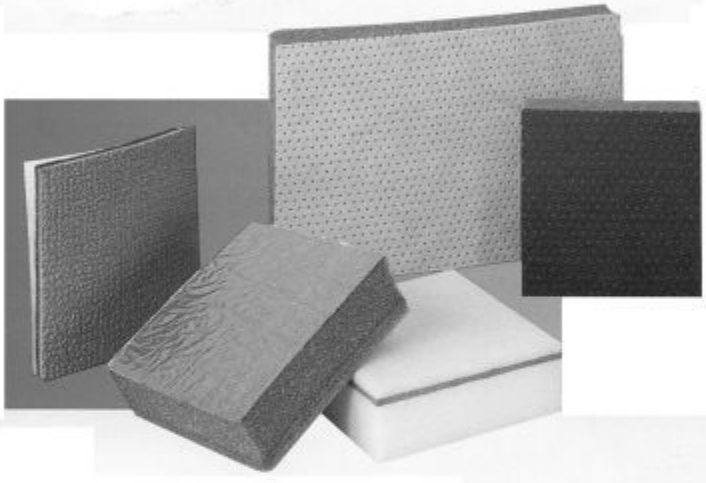
Acoustially treat sheetmetal equipment enclosures.

Isolate truck cabs from engine and road noise.

Isolate decks and other walking surfaces from noise below.

Absorption Coefficients
Standard 2 PSF Polyurethane Foam

Thickness (inches)	Frequency - Cycles per Second (Hz)						
	125	250	500	1000	2000	4000	NRC
1/4	0.07	0.10	0.20	0.30	0.65	1.00	0.31
1/2	0.09	0.12	0.23	0.65	0.87	0.96	0.47
1	0.23	0.41	0.59	0.98	0.82	0.93	0.70
2	0.50	0.75	0.97	0.93	0.95	0.90	0.90
4	0.69	0.80	0.91	0.92	0.95	0.98	0.90



Transmission Loss
Standard SonoCon Barrier Component

Barriers	Noise Transmission Loss (dB) per Octave Band (Hz)						STC
	125	250	500	1000	2000	4000	
1lb. PSF	13	17	22	26	32	37	26
3/4 lb. PSF	11	16	20	25	30	34	23
1/2 lb. PSF	8	13	17	22	27	31	20

SonoCon faced foam and barrier composites combine the performance of a noise barrier, sound absorber, and vibration damping.

Materials are non-corrosive, will not shrink, are easy to cut and install.

Film faced materials are resistant to oils, grease, dust, and moisture.

Materials meet UL-94-HF-1, fmvss 302 flamability ratings.