



"The ART of Noise Control"

For your local ArtUSA Representative

Call: 1-888-454-6973

Internet: www.artusaindustries.us

Barrier & Quilted Fiberglass Absorber Composites



FEATURES:

- ★ Maximum noise reduction by combining sound absorber and noise barrier
- ★ Sound Absorbption Rating to NRC-1.05
- ★ Transmission Loss Rating to STC-32
- ★ Offered in two styles with a variety of combinations
- ★ Acoustical liners, jackets, wraps, and panels
- ★ Available in curtain panels, bound or unbound rolls, custom fabrications or die-cut pieces
- ★ Flexible composites conform to any shape
- ★ Fire safe and low smoke emissions per ASTM E-84, Class 1



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Acoustical Data

Sound Transmission Loss (dB) Octave Band Center Frequencies (Hz)

Product	Thickness (In. / Nom.)	Wt. Lb. / S.F.	125	250	500	1000	2000	4000	STC
BA-13-2"	2	1.5	13	20	29	40	50	55	32
BA-13	1	1.3	11	16	24	30	35	35	27
BA-14-2"	2	1.5	13	20	29	40	50	55	32
BA-14	1	1.3	11	16	24	30	35	35	27
ABA-25	2	1.5	12	16	27	40	44	43	29
ABA-25-2B	2	2.5	19	22	28	40	56	61	33
ABA-31	2	1.5	12	16	23	33	38	39	27

Per ASTM: E 90

Sound Absorption Data-Absorber Component Random Incident Sound Absorption

Products	Octave Band Center Frequencies (HZ)						NRC
	125	250	500	1000	2000	4000	
BA 1" thick	.12	.47	.85	.84	.64	.62	.70
BA 2" thick	.07	.27	.96	1.13	1.08	.99	.85
BA 4" thick	.21	.89	1.09	1.07	1.13	1.07	1.05
ABA 2" thick	.19	.99	.96	.80	.57	.33	.85

Per ASTM: C423-82 and C423-90a

Barrier Specifications

Barrier Component	Style	Weight Lb./ Sq.Ft.	Thickness Inches	Composite
B - 10 NR	Non-Reinforced	1	.107	ABA
B - 5 NR	Non-Reinforced	1/2	.042	ABA
B - 20 NR	Non-Reinforced	2	.225	ABA
B - 10 R	Reinforced	1	.090	BA
B - 5R	Reinforced	1/2	.050	BA