

RANDOM ABSORPTION DIFFUSION (RAD) WALL PANELS



PRODUCT FEATURES

- Absorbs low and mid-frequencies
- Reflects and diffuses high-frequencies
- Uses random binary sequence
- Custom sizes and shapes
- Available in 1", 2", 3" and 4"
- Fabric finish

CORE

Facing: Random perforated sheet

Backing: 6 - 7 pcf fiberglass

1" - 4" thick

SIZES

Up to 4' x 8'

MOUNTING

Adhesive, impaling clips,
two-part Z-clips

EDGES

Square and hardened

FINISH

Fabric finish

FLAMMABILITY

All components have a Class "A"
rating per ASTM E84

SOUND ABSORPTION

Hz	125	250	500	1000	2000	4000	NRC
RAD1	.30	.68	.87	.86	.64	.48	.75
RAD2	.77	.87	1.04	.77	.60	.48	.80
RAD3	.92	.87	.88	.81	.65	.50	.80
RAD4	.96	1.06	.99	.88	.68	.53	.90

Note: NRC test results based on our standard acoustically transparent fabric. Results may vary with other fabrics.

RAD PANEL VS. FLAT REFERENCE, PHASE SHIFT

	500 Hz	630 Hz	800 Hz	1000 Hz	1250 Hz	1600 Hz	2000 Hz	2500 Hz	3150 Hz	4000 Hz	5000 Hz	6300 Hz	8000 Hz
Flat Reference	1.94°	2.22°	0.90°	0.81°	0.60°	0.60°	0.78°	5.32°	8.77°	8.85°	9.69°	9.56°	13.08°
RAD Panel	2.24°	1.33°	1.02°	0.65°	0.45°	0.43°	0.68°	0.20°	17.83°	14.06°	12.06°	38.22°	2.99°

CONTROLLING SOUND BEAUTIFULLY

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