

PYRAMIDAL DIFFUSERS – FABRIC WRAPPED

Pyramidal diffusers quickly and easily eliminate floor to ceiling standing waves. They reduce flutter echo while maintaining a warm room sound. Molded in a one-piece pyramid shape, their offset apex provides four different angles of reflection.

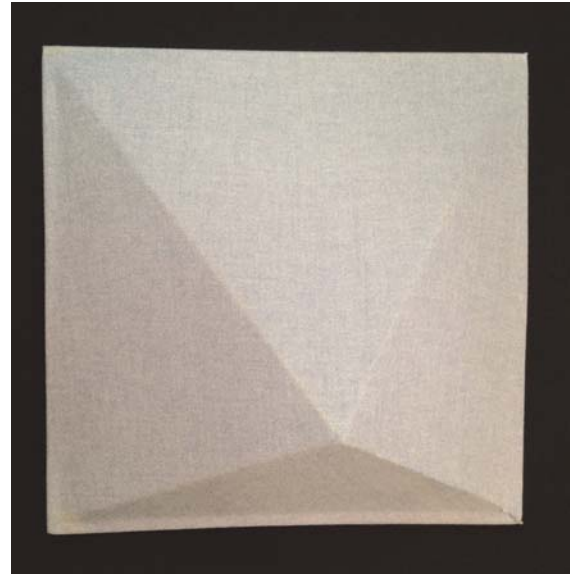
Construction: Class A Thermoformed plastic, covered in acoustically transparent Guilford of Maine® FR701® Style 2100 fabric

Nominal Sizes: 2'x2', 4'x4' (2'x4' also available)

Depths: 8" - 13" (nominal)

Fire Rating: Class A

Mounting: L-Bracket for direct mount to wall/ceiling or manufactured to fit into standard T-bar grids



The internal cavity of the Pyramid Diffuser can be lined with a 1½" thick layer of glass fiber batting to increase absorption and prevent resonance (denoted "w/ insulation" in data table).

Sound Absorption Coefficients – Fabric Wrapped Pyramidal Diffuser

Size	Mounting	Weight	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC
2'x2'	D-5	3.75lbs	0.38	0.23	0.19	0.15	0.19	0.21	0.20
2'x2'	E-400	3.75lbs	0.30	0.25	0.18	0.15	0.17	0.22	0.20
2'x2' w/insulation	D-5	4.42lbs	0.63	0.35	0.32	0.22	0.21	0.28	0.30
2'x2' w/insulation	E-400	4.42lbs	0.36	0.27	0.22	0.16	0.18	0.30	0.20
4'x4'	D-5	12.6lbs	0.25	0.18	0.11	0.10	0.15	0.18	0.15
4'x4'	E-400	12.6lbs	0.17	0.16	0.13	0.12	0.15	0.22	0.15
4'x4' w/insulation	D-5	15.25lbs	0.29	0.35	0.23	0.15	0.17	0.23	0.25
4'x4' w/insulation	E-400	15.25lbs	0.26	0.21	0.18	0.14	0.16	0.27	0.15

**Note: Diffusion data available upon request*