

QUADRATICWAVE DIFFUSER (QWD)



PRODUCT FEATURES

- Asymmetrical design effectively diffuses sound waves
- Uses an implied edge symmetry which creates a contiguous wave pattern
- Scatters sound in mid to high frequencies (from 1,600-7,500hz)
- Applications: Performance space

CORE

0.125 Thermoformed
co-polymer (recyclable)

SIZES*

Asymmetric wave design
shape 2' x 2'

MOUNTING

Direct mount to ceiling or wall
15/16" Lay-in ceiling grid

FINISH

Textured white

FLAMMABILITY

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

SOUND ABSORPTION - Direct Mount

Hz	125	250	500	1000	2000	4000	NRC
QWD	.55	.24	.22	.16	.10	.13	.20

SOUND ABSORPTION - Lay-In Ceiling

Hz	125	250	500	1000	2000	4000	NRC
QWD	.40	.26	.26	.25	.17	.15	.25

SOUND DISTRIBUTION PERCENTAGE

Hz	500	800	1600	2500	5000	10000
QWD	40%	62%	59%	59%	69%	39%

CONTROLLING SOUND BEAUTIFULLY

800-737-0307 • 636-225-8800
gsacoustics.com

