

S-QWD QuadraticWave Diffuser

CORE

0.125 Thermoformed
co-polymer (recyclable)

SIZES

Asymmetric wave design
shape 2' x 2'

MOUNTING

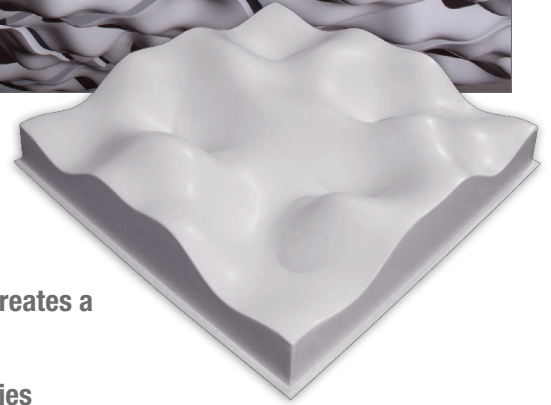
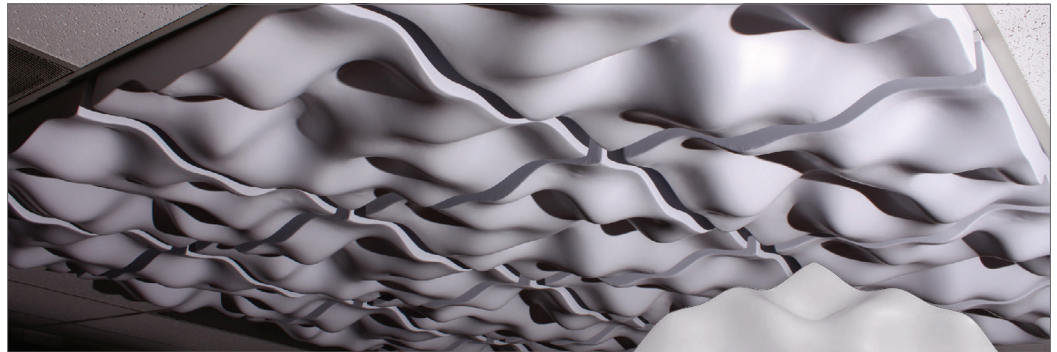
- Direct mount to ceiling or wall
- 15/16" Lay-in ceiling grid

FINISH

Textured white

FLAMMABILITY

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



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

SOUND ABSORPTION (Direct Mount)

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

SOUND ABSORPTION (Lay-in Ceiling)

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

SOUND DISTRIBUTION PERCENTAGE

Hz	500	800	1600	2500	5000	10,000
S-QWD	40%	62%	59%	59%	69%	39%

An Acoustical Design and Installation Company