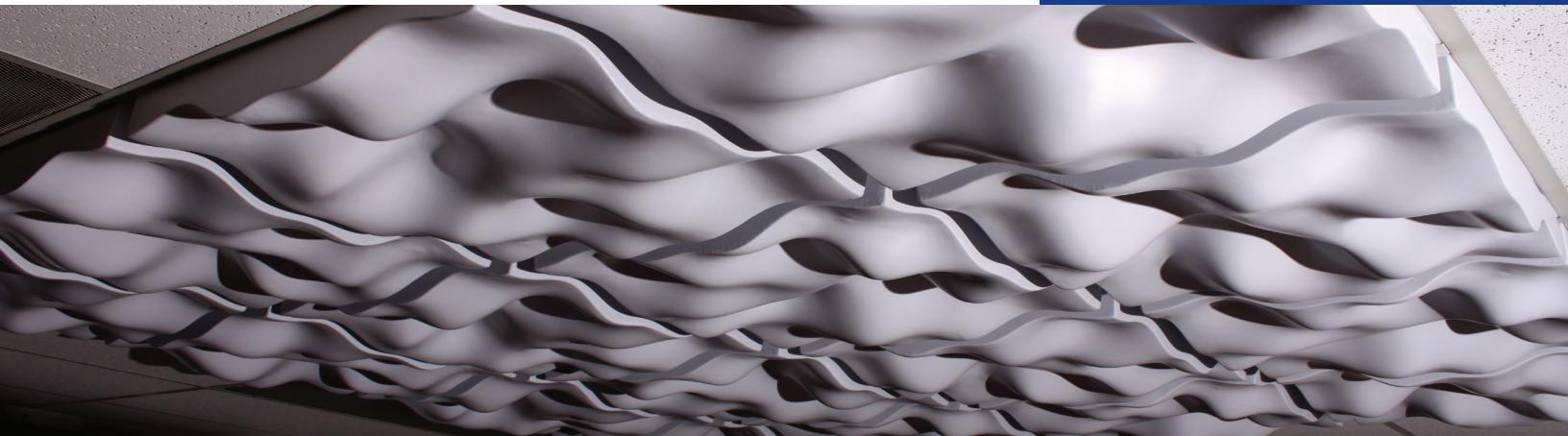


# QUADRATICWAVE DIFFUSER (QWD)



## 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**

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