

QUADRATIC RESIDUE CEILING DIFFUSERS (QRCD)



PRODUCT FEATURES

- Reflect sound evenly
- Designed using quadratic residue sequences (775-2260 hz range)
- Excellent low frequency absorption
- Applications: band rooms, choir rooms and concert halls
- Improve quality by disrupting sound waves between ceiling and floors

CORE

0.125 Thermoformed
co-polymer (recyclable)

SIZES*

2'x2', 4'x4'
Well Depth 1-1/4", 2-1/2", and 5"
Well Width 3"

MOUNTING

15/16" Lay-in ceiling grid system

FINISH

Textured white finish

FLAMMABILITY

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

SOUND ABSORPTION - Lay-In Ceiling

Hz	125	250	500	1000	2000	4000	NRC
QRCD	.66	.62	.35	.38	.30	.22	.40

SOUND SCATTERING

Hz	125	250	500	1000	2000	4000	8000
QRCD	.09	.33	.64	.81	.82	.91	.87



CONTROLLING SOUND BEAUTIFULLY

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