

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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