

# 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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