



Blue = Diffusion Coefficient

Green = Scattering Coefficient

Red = Absorption Coefficient - NRC = 0.35, SAA = 0.32

Additional test data is available – please see the Supplementary Acoustical Data Charts online or contact your local RPG Sales Representative.

Frequency (Hz)	Diffusion Coefficient
250	0.00
315	0.07
400	0.30
500	0.23
630	0.35
800	0.20
1000	0.37
1250	0.30
1600	0.34
2000	0.50
2500	0.48
3150	0.55
4000	0.42

PRODUCT OVERVIEW

QRD® 734F is a 1-dimensional sound diffuser developed to expand the product line anchored originally by the classic QRD® 734 Panel. It is the first product of its kind offered on the market. With a patented folded well design, the **QRD® 734F** extends the diffusion bandwidth into the lower mid-range frequencies in only 4-1/4" depth, whereas other diffuser designs require at least 8". The natural wood construction of the unit, available in a high recycled content, ULEF, Class A fire-rated and FSC MDF core, limits the amount of sound energy removed by absorption. At the same time, the diffusion performance extends over 4 octaves.

SIZING

- Standard Panels: 19-5/8" W x 23-5/8" or 47-1/4" L x 4-1/4" D
(Custom panel lengths up to 8' are available)
- Each panel weighs approx. 4.00 lbs/ft²

CORE FIRE RATING

Class A (per ASTM E-84)

FINISH

QRD® 734F is available in various finishes, including natural and engineered wood veneers and laminates. RPG offers clear lacquer or factory color-matching on both wood finishes and paint colors.

INSTALLATION

QRD® 734F is designed to be surface or flush-mounted to a wall or ceiling with factory-integrated blocking. They can be installed singularly or in an array across walls and ceilings.