



Blue = Diffusion Coefficient

Green = Scattering Coefficient

Red = Absorption Coefficient - NRC = 0.15, SAA = 0.12

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	0.03
315	0.03
400	0.04
500	0.06
630	0.12
800	0.18
1000	0.28
1250	0.29
1600	0.47
2000	0.45
2500	0.40
3150	0.33
4000	0.43

## PRODUCT OVERVIEW

The **Waveform® Bicubic G Tile** was created by utilizing RPG's patented Shape Optimizer and Aperiodic Modulation Technology to create a uniquely shaped surface optimized to provide omnidirectional scattering for uniform coverage. RPG's patent-pending aperiodic modulation of a single asymmetric base shape allows infinite, seamless tiling. Constructed of non-combustible glass fiber reinforced gypsum (GFRG), the **Waveform® Bicubic G Tile** represents the next generation in acoustical canopy design.

## SIZING

- Standard Tile-Square: 4' W x 4' L x 6-1/2" or 8-1/2" D
- Standard Tile-Round: 4' Dia. x 6-1/2" or 8-1/2" D
- Additional depths may be available for square and round tiles
- Material Thickness: 1/8" nominal GFRG
- Each panel weighs approx. 10 lbs/ft²

## CORE FIRE RATING

Non-Combustible

## FINISH

The **Waveform® Bicubic G Tile** comes in a natural/raw GFRG finish required to be painted on-site or factory color-matched to any paint color specification.

## INSTALLATION

Overhead mounting of the **Waveform® Bicubic G Tile** is achieved by suspending units from integrated hairpin loops using RPG-supplied engineered cables and hardware. Each panel can be hung as a "cloud" or screwed together to create a canopy. Units can be mounted directly onto walls using RPG-provided integrated cleats.