



Blue = Diffusion Coefficient

Red = Absorption Coefficient - NRC = 0.05, SAA = 0.04

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

Frequency (Hz)	Diffusion Coefficient
100	0.03
125	0.05
160	0.13
200	0.16
250	0.25
315	0.31
400	0.36
500	0.31
630	0.22
800	0.25
1000	0.30
1250	0.42
1600	0.47
2000	0.51
2500	0.45
3150	0.45
4000	0.46
5000	0.45

## PRODUCT OVERVIEW

The **Waveform® Wiggle G Panel** was created by implementing spline shape optimization and virtual performance modeling through boundary element method calculations to create a uniquely shaped surface providing high quality, broad bandwidth 2D scattering for uniform coverage. RPG's patented aperiodic modulation of a single asymmetric base shape allows arrays to be built for improved diffusivity with each additional element.

Constructed of smooth, rigid, non-combustible glass fiber reinforced gypsum (GFRG), the **Waveform® Wiggle G Panel** leverages the most advanced surface development and analyzation methods available today.

## SIZING

- Standard: 2' W x 8' L x varies up to 12" D (Custom panel lengths up to 8' are available)
- Material Thickness: 1/8" nominal GFRG
- Each panel weighs approx. 8 lbs/ft<sup>2</sup>

## CORE FIRE RATING

Non-Combustible

## FINISH

The **Waveform® Wiggle G Panel** 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® Wiggle G Panel** 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. Panels can be taped, mudded and sanded to create panels longer than 8'.