



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
100	0.01
125	0.01
160	0.01
200	0.01
250	0.04
315	0.10
400	0.18
500	0.33
630	0.39
800	0.43
1000	0.43
1250	0.41
1600	0.48
2000	0.42

## PRODUCT OVERVIEW

The **Waveform® Spline G Panel** represents the evolution in architectural acoustics toward quantifiable, organic shapes. Developed using RPG’s powerful shape optimization software, the panels have an attractive multi-curved appearance and are designed to bring early diffuse reflections to the audience, increase intelligibility enhance musical clarity and intimacy. One of the most powerful one-dimensional sound diffusers available today, the asymmetric **Waveform® Spline G Panel** is constructed of non-combustible glass fiber reinforced gypsum (GFRG). They can be arrayed to reduce periodicity effects and be installed on walls or ceilings.

## SIZING

- Standard Panel: 4' W x 8' L x 12-3/4" D
- Material Thickness: 1/8" nominal (Additional thicknesses may be available)
- Each panel weighs approx. 3.00 lbs/ft<sup>2</sup>

## FIRE RATING

Non-Combustible

## FINISH

The **Waveform® Spline G Panel** comes in a natural white GFRG finish and can either be painted on-site or factory color-matched to any paint color specification.

## INSTALLATION

Overhead mounting of the **Waveform® Spline G Panel** is achieved by suspending units from integrated hairpin loops using RPG-supplied engineered cables and hardware. Each panel is designed to hang freely as a separate “cloud” or screwed together along the long edge to create a linear canopy.

Note: Previously Waveform® Spline G