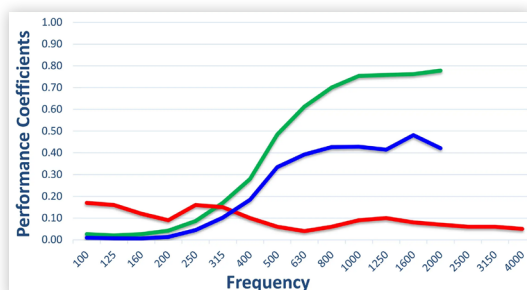


Waveform® Spline A



DIFFUSION

CEILING



Blue = Diffusion Coefficient

Green = Scattering Coefficient

Red = Absorption Coefficient - NRC = 0.10, SAA = 0.09

Additional test data may be available – please see the Supplementary Acoustical Data Charts online or contact your local RPG Sales

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 A 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, increasing intelligibility and enhancing musical clarity and intimacy. This aluminum-skinned honeycomb panel is one of the most powerful one-dimensional sound diffusers available today. The asymmetric **Waveform® Spline A Panel** 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: 3/4" nominal
 - Each panel weighs approx. 2.00 lb/ft²
- Should the project require a higher unit mass, 1 and 2 lbs/sf MLV (mass loaded vinyl) backings are standard options.

FIRE RATING

Non-Combustible

FINISH

The **Waveform® Spline A Panel** is available standard in a white powder-coated finish. Units can be painted in custom colors or veneered with natural wood veneers, no laminates.

INSTALLATION

Overhead mounting of the **Waveform® Spline A Panel** is achieved by suspending units from embedded eye-bolts using RPG-supplied engineered cables and hardware. Each panel is designed to hang freely as a separate "cloud" or tied together with brackets along the long or short edge to create a canopy.

