



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	Diffusion Coefficient
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® Gaussian W Panel** was developed using RPG’s powerful shape optimization and aperiodic modulation technology, which optimizes sound diffusion while providing a given shape motif. The panels have an attractive wood veneered, bell-shaped appearance designed to increase intelligibility and enhance musical clarity and intimacy. Available in a high recycled content, ULEF, Class-A fire-rated and FSC certified MDF core, they are a powerful one-dimensional sound diffuser. The symmetrical **Waveform® Gaussian W Panel** can be arrayed to reduce periodicity effects and be installed on walls or ceilings.

## SIZING

- Standard Panel: 4' W x 4' L x 6" or 12" D (12" shown)
- Material Thickness: 3/4"
- Each panel weighs approx. 3.00 lbs/ft<sup>2</sup>

## CORE FIRE RATING

Class A (per ASTM E-84)

## FINISH

The **Waveform® Gaussian W Panel** is available in various finishes, including natural and engineered wood veneers and laminate. RPG offers color-matching of both wood finishes and paint colors.

## INSTALLATION

Overhead mounting of the **Waveform® Gaussian W 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 also be mounted directly onto walls using RPG-provided integrated cleats.

Note: Previously Waveform Gaussian