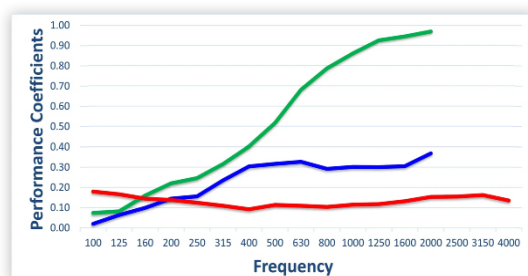
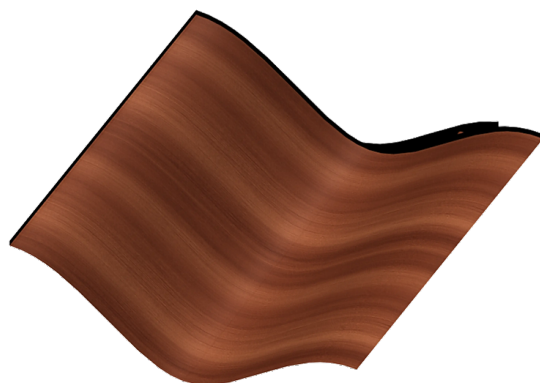


Waveform® Gaussian W



DIFFUSION

WALLS & CEILINGS



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
100	0.02
125	0.06
160	0.10
200	0.14
250	0.16
315	0.24
400	0.30
500	0.32
630	0.33
800	0.29
1000	0.30
1250	0.30
1600	0.31
2000	0.37

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/ft²

CORE FIRE RATING

Class A (per ASTM E-84)

FINISH

The **Waveform® Gaussian W Panel** is available in natural and engineered wood veneers and laminates with clear lacquer or factory color-matching of wood finishes and paint colors. Standard species include Alder, Anigre, Ash, Birch, Cherry, Mahogany, Maple, Poplar, Red Oak, Walnut and White Oak. Custom species may be available on request.

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

