



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
125	0.01
160	0.01
200	0.02
250	0.03
315	0.06
400	0.09
500	0.12
630	0.18
800	0.22
1000	0.22
1250	0.24
1600	0.23
2000	0.26

## PRODUCT OVERVIEW

The **Waveform® Monoradial W Panel**, available in a high recycled content, ULEF, Class A fire rated and FSC certified MDF core, is used in auditoriums to blend the direct and early reflected sound to increase intelligibility, enhance musical clarity and intimacy. When absorptive material is placed into the rear cavity of the assembled unit in an overhead canopy configuration, significant reverberation time reduction in the space can also be accomplished.

## SIZING

- Standard Panel: 4' W x 4' or 8' L x 8" or 12" D
- Material Thickness: 3/4"
- Each panel weighs approx. 3.50 lbs/ft<sup>2</sup>

## CORE FIRE RATING

Class A (per ASTM E-84)

## FINISH

The **Waveform® Monoradial 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® Monoradial 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 along the long edge to create a linear canopy. Units can also be mounted directly onto walls using RPG-provided integrated cleats.