

# FlutterFree® W Plank



## PRODUCT OVERVIEW

FlutterFree® W Plank is an attractive, furniture-grade, solid wood molding that provides high-frequency diffusion. When paired with RPG's Waveform™ profiles such as Gaussian and Spline, they create an optimized serpentine Waveform™ shape that produces an assembly capable of very broadband diffusion and extended low-frequency absorption. A back-slotted configuration transforms the FlutterFree® W Plank into a hybrid product that offers sound absorption just below the sound diffusion bandwidth, extending the overall bandwidth of the product to solve multiple room acoustic issues in one attractive product.

## SIZING

- Standard Plank: 2-11/16" W x 8' L x 1-1/16" T (Custom plank lengths up to 10' are available)
- Each Panel weighs approx. 0.75 lbs/ft²

## FIRE RATING

Standard product not rated  
Class A (per ASTM E-84) finish available if specified

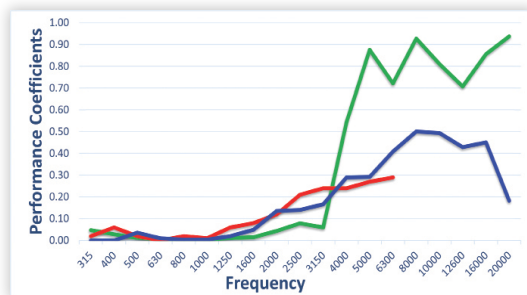
## FINISH

FlutterFree® W Planks are available in various finishes, including solid woods (Cherry, Mahogany, Maple, Red Oak, Walnut, White Oak) and painted surfaces. RPG offers clear lacquer or factory color-matching of wood finishes and paint colors.

When specified, RPG can provide FSC materials.

## INSTALLATION

FlutterFree® W Plank factory assemblies can be mounted to walls on RPG-provided wood cleats or suspended as clouds with RPG-provided cable systems. For low-frequency absorption mounting, please refer to RPG supplemental data sheets.



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
2000	0.07
2500	0.06
3150	0.10
4000	0.27
5000	0.34
6300	0.48
8000	0.58
10000	0.54
12600	0.37
16000	0.36
20000	0.52

Note: Previously FlutterFree® W