



Blue = Diffusion Coefficient

Green = Scattering Coefficient

Red = Absorption Coefficient - NRC = 0.15, SAA = 0.15

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
12500	0.37
16000	0.36
20000	0.52

PRODUCT OVERVIEW

The **FlutterFree® Plank** is an attractive, furniture-grade, solid wood molding that provides high-frequency diffusion. As a simple plank product, it is often incorporated into wall and ceiling assemblies that, in addition to high-frequency diffusion, can also provide low-frequency absorption for bass control in technology spaces. A back-slotted configuration transforms the **FlutterFree® 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: 3-29/32" W x 8' L x 1-1/32" T (Custom plank lengths up to 10' L are available)
- Wood planks weigh approx. 1.00 lb/lf²

FIRE RATING

Standard product not rated

Class A (per ASTM E-84) finish available if specified

FINISH

FlutterFree® Planks are available in various finishes, including solid woods (Ash, 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.

INSTALLATION

FlutterFree® Planks can be nailed to a wall surface on furring strips supplied by others. For low-frequency absorption mounting, please refer to RPG supplemental data sheets. A #0 or #10 (1/16") wood spacer biscuit is provided by RPG for plank-to-plank alignment.

Note: Previously FlutterFree®