



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
1250	0.03
1600	0.09
2000	0.20
2500	0.47
3150	0.38
4000	0.44
5000	0.48
6300	0.53
8000	0.48
10000	0.32
12600	0.49
16000	0.54
20000	0.43

PRODUCT OVERVIEW

The **FlutterFree® T Plank** is an attractive, furniture-grade solid wood molded acoustical plank developed using RPG's patented Aperiodic Modulation of a Single Asymmetric Optimized Base Shape. This technique produces a new optimized, asymmetric profile with folded wells to improve the diffusion bandwidth. When this new profile, with "L" shaped folded side wells, is mounted in an aperiodic fashion, "T" shaped wells are formed between adjacent units, providing dramatically improved performance over the traditional designs. A back-slotted configuration transforms the **FlutterFree® T 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: 4-15/16" W x 8' L x 1-1/16" T
(Custom plank lengths up to 10' L are available)
- Wood planks weigh approx. 1.20 lbs/lf²

FIRE RATING

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

FINISH

FlutterFree® T 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® T Planks can be nailed to a wall or ceiling surface on furring strips supplied by others. For low-frequency absorption mounting, please refer to RPG supplemental data sheets.

Note: Previously FlutterFree® T