



Blue = Diffusion Coefficient

Green = Scattering Coefficient

Red = Absorption Coefficient - NRC = 0.15, SAA = 0.14

Additional test data is available – please see the Supplementary Acoustical Data Charts online or contact your local RPG Sales Representative.

Frequency (Hz)	Diffusion Coefficient
800	0.00
1000	0.05
1250	0.43
1600	0.52
2000	0.52
2500	0.51
3150	0.44
4000	0.30

## PRODUCT OVERVIEW

**Omniffusor® W113** is a 2-dimensional sound diffuser created to expand the product line anchored by the classic Omniffusor® W - the first product of its kind offered on the market. With its shallower construction, the **Omniffusor® W113** has been designed to provide optimal diffusion bandwidth in less depth. In contrast, the natural wood construction of the unit, available in a high recycled content, ULEF, Class A fire-rated and FSC MDF core, limits the amount of sound energy removed by absorption.

## SIZING

- Standard Unit: 23-5/8" W x 23-5/8" L x 3" D
- Each Panel weighs approx. 5.00 lbs/ft².

## CORE FIRE RATING

Class A (per ASTM E-84)

## FINISH

**Omniffusor® W113** is available in various finishes, including natural and engineered wood veneers and laminates. RPG offers clear lacquer or factory color-matching of both wood finishes and paint colors.

## INSTALLATION

**Omniffusor® W113** is designed to be flush-mounted to a wall or ceiling with factory-integrated blocking or dropped into a standard 15/16" HD T-grid supplied by others. These panels can also be installed adjacent to Omniffusor® W84 and Omniffusor® W58 units for comprehensive broadband diffusion performance.

Note: Previously Omniffusor® 113