



Blue = Diffusion Coefficient [Modeled in VIRGO]
 Green = Scattering Coefficient [Modeled in VIRGO]
 Red = Absorption Coefficient [Not tested, will not be significant]

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

Frequency (Hz)	Diffusion Coefficient (VIRGO)
400	0.01
500	0.01
630	0.02
800	0.06
1000	0.14
1250	0.34
1600	0.46
2000	0.47
2500	0.48
3150	0.48
4000	0.45
5000	0.44

PRODUCT OVERVIEW

Interfering reflections can be controlled by absorption or diffusion. In smaller spaces (conference rooms, classrooms, recording studios, broadcast studios, home theaters, film mix and dubbing stages, music practice rooms, etc.), it is often desirable to control interfering reflections and provide an ambient sound field using diffusion instead of absorption. A very efficient diffusing surface is needed when the room's surfaces are relatively close to the listener. RPG developed Skyline®, the industry's first and most efficient omnidirectional primitive root number theory, two-dimensional diffuser to solve this problem. The **Skyline® W764** introduces a furniture grade, solid wood option in 4-1/2" depth. The uniform scattering of the **Skyline® W764** Panel minimizes acoustical glare and offers balance to designs for performance, technology and communication spaces.

SIZING

- Standard Unit: 12" W x 12" L x up to 4-1/2" D
- Note: The design can be customized to provide deeper units ranging from 2" - 12" peak depth.
- Panels weigh approx. 12.00 lbs/sf

CORE FIRE RATING

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

FINISH

Skyline® W764 is available in various finishes, including solid wood (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

Skyline® W764 is designed to be surface-mounted to a wall or ceiling with Z-bar and clips.