



The sound absorption chart above represents the octave band performance of the Modex™ Module in a reverberation chamber per ISO 354.

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

Frequency	Absorption Coefficient - 63 Hz
32	0.17
35	0.21
38	0.24
41	0.28
44	0.34
47	0.36
50	0.45
53	0.52
56	0.63
59	0.75
62	0.82
65	0.80
68	0.70
71	0.57
74	0.46
77	0.34
80	0.24

PRODUCT OVERVIEW

The **Modex™ Module Panel** is a low-frequency membrane sound absorber designed to fine-tune the modal distribution in a small room such as studio control, music/dedicated listening room or home theater. The panels have a unique membrane system that converts the high sound pressure fluctuations typically found where room surfaces meet into selective absorption in the modal frequency range. The tuning frequencies for the **Modex™ Module Panel** are 40, 50, 63, 80, 100 and 125Hz. The units are designed to cover approximately 1/3 octave above and below the tuning frequency.

SIZING

- Standard Panel for 40, 63 and 80Hz Panels: 23-5/8" W x 23-5/8" L x 7" T
- Standard Panel for 50, 100 and 125Hz Panels: 23-5/8" W x 23-5/8" L x 5" or 7" T
- Each panel weighs approx. 5.00 lbs/ft².

FIRE RATING

All Class A Components

FINISH

The **Modex™ Module Panel** can be wrapped with RPG-reviewed industry standard and custom fabrics. Fabrics with acoustical performance data preferred.

INSTALLATION

The **Modex™ Module Panel** can be quickly and easily mounted to any wall or ceiling surface by fastening through the integral side flanges.

TESTING

RPG measures its bass traps in compliance with ASTM C384, using an impedance tube that is accurate down to 20 Hz. The compliance of each Modex Module's membrane differs to accommodate the different tunings and provide a 1/3 octave frequency range. Plane-wave impedance tube data is the most accurate way to evaluate devices designed to suppress modal energy in studios, home theaters and listening spaces.