



Green = 40Hz Absorption

Red = 63Hz Absorption

Purple = 80Hz Absorption

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

Frequency (Hz)	Absorption Coefficient - 63Hz
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
81	0.23

PRODUCT OVERVIEW

The **Modex™ Corner** is a unique membrane system that converts the high sound fluctuations typically found in corners into selective absorption in the modal frequency range. Studio control, home theaters and dedicated listening rooms often exhibit poor low frequency response with significant emphasis at modal resonances. Porous surface absorption is ineffective at these modal frequencies because the air motion near walls and in corners is near zero for these long wavelengths. The **Modex™ Corner** is designed to be installed in corners and is available in tuning frequencies of 40, 63 and 80Hz. They are designed to cover approx. 1/3 octaves above and below the tuning frequency.

STANDARD SIZING

- Standard Panel: 23-5/8" W x 23-5/8" L x 12" D
Note: Each side extends 15-1/2" from the 90° corner along the mounting wall
- Maximum Panel: 23-5/8" W x 8' L x 12" D
- Triangular shape
- Each standard panel weighs approx. 5.00 lbs/ft²

FIRE RATING

- All Class A Components

FINISH

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

INSTALLATION

The **Modex™ Corner** can sit freestanding on the floor or can be mounted to any 90° corner using RPG supplied hardware.

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.