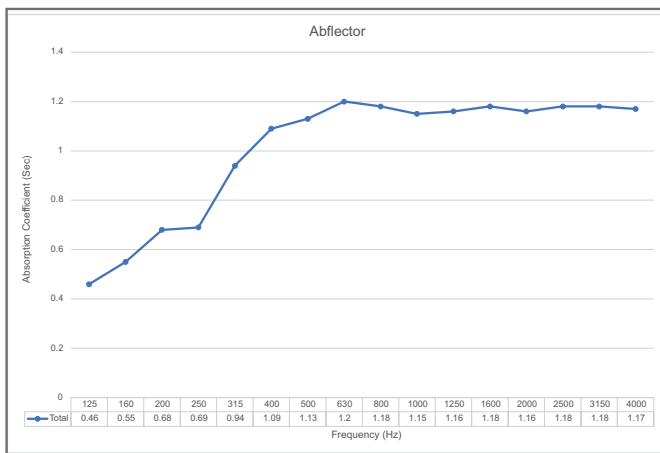


Abflector



Abflector



Frequency	Absorption E Mount
125	0.46
160	0.55
200	0.68
250	0.69
315	0.94
400	1.09
500	1.13
630	1.2
800	1.18
1000	1.15
1250	1.16
1600	1.18
2000	1.16
2500	1.18
3150	1.18
4000	1.17

Interfering reflections from a critical listening room's boundary surfaces corrupt the timbre and stereo imaging. Therefore, signal processing and image placement will not transfer accurately to other listening environments. The most effective way to minimize this form of acoustic distortion is to absorb the interfering reflections over a broad range of frequencies. To extend the low frequency absorption efficiency of conventional flat absorptive panels, RPG research developed the Abflector. The Abflector is a novel and economical internally hinged, upholstered absorptive panel. It ships flat, but mounts with most of the absorptive material away from the boundary surface for improved low frequency absorption.

Absorbition: The Abflector offers a Variable Depth Air Cavity (VDAC™) to improve bass absorption.

The Abflector simulates the beneficial Reflection Free Zone™ effect, created by outwardly splaying side walls in a rectangular room.

The graph illustrates how the Abflector's innovative hinged panel mounting exploits the advantages of the air cavity. Notice the significant increase in the low frequency absorption over that of a similar 25mm thick flat panel, mounted directly to a boundary surface.

Installation: The Abflector is easy to install with its attached hook and loop fasteners. Hardwood feet are also available for floor standing installation.

Options: 600x450mm, 1200x450mm, 2100x450mm bespoke sizes also available for no extra cost.

Finishes: Cara, Microsuede or Expo Felt included. Underlining extra.

Mounting: Supplied Ring Mounts, MDF base foot.