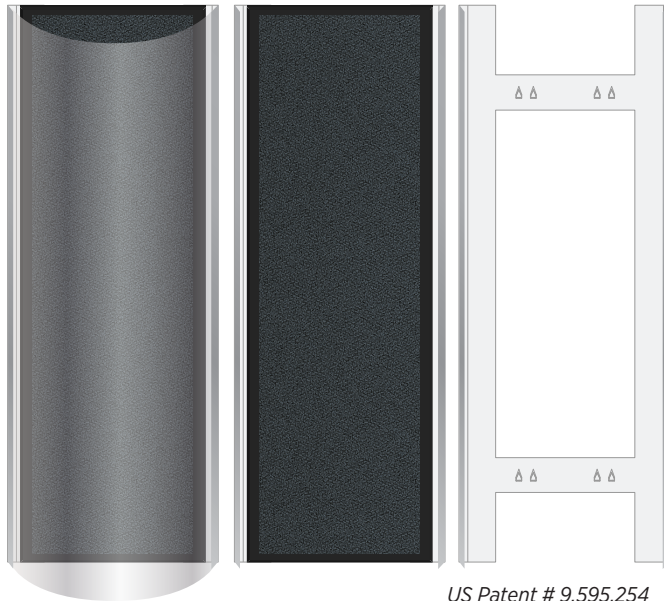


FLEX-48 Adaptive Treatment System: Product Data



US Patent # 9,595,254

The FLEX-48 adaptive treatment system is a unique acoustical device that allows the user to alter the acoustical properties of their room in a matter of minutes.

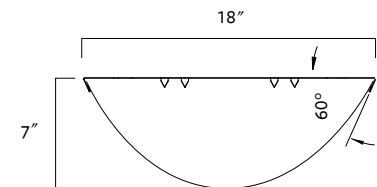
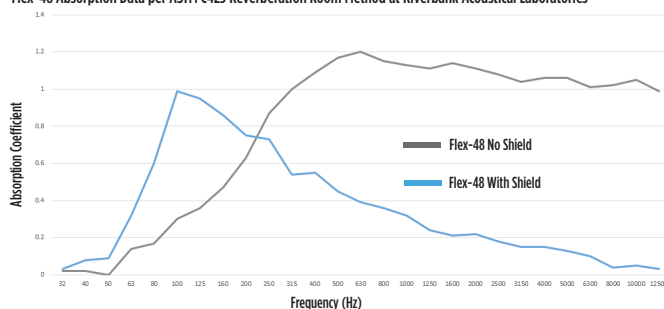
The main components are the FulFill Acoustical Panel and the reflective Flex-Shield. The brushed stainless steel Flex-Tray serves as the mounting device for both the absorption panel and the shield.

When fully exposed, with no shield in place, the FulFill panel behaves as a passive absorber, removing energy from the room. When the Flex-Shield is installed, a barrel type diffuser is created. The higher frequencies are now scattered evenly throughout the room, retaining liveliness, while the mid and low frequencies continue to pass through to the FulFill panel. The air gap between the Flex-Shield and the FulFill panel combined with the sympathetic vibration of the Flex-Shield increases the low frequency absorption of the panel.

FulFill Acoustical Panel:

- Substrate:** High Density Fiberglass (6-7 PCF) with chemically hardened edges
- Surface Finish:** Fully tailored fabric wrapped
- Fabric Options:** Guilford of Maine Acoustic (custom options available)
- Nominal Size:** 16" width x 48" height
- Thickness:** 2"
- Edge Detail:** Half bevel
- Mounting:** Flex-tray Impaling Clips
- Acoustical Data:** Noise Reduction Coefficient (NRC) 2" = 1.05
- Fire Performance:** Class A rating per ASTM E84
- Warranty:** Standard 1 year limited warranty

Flex-48 Absorption Data per ASTM C423 Reverberation Room Method at Riverbank Acoustical Laboratories



Flex-Shield:

- Substrate:** Polycarbonate with laser radiused corners
- Thickness:** .080" thickness
- Nominal Size:** 23.8" width x 48" height

Mounting Tray:

- Substrate:** Brushed stainless steel
- Nominal Size:** 18" width x 48" height

Packaging/Shipping Dimensions:

- Quantity:** Flex-48 ships (2) systems to a box
- Box dimensions:** 25" wide by 48" long by 7.5" deep
- Box weight:** 43 lbs