ARCHITECTURAL SHIELDING

- **EMI and RFI Shielding Design**
- **Customized Designs to Meet Customer Specific Requirements**
- **Door Options**
- **Window Options**
- **Filter and Penetration Options**

ETS-Lindgren's Architectural Shielding offers a wide range of customizable materials, tailored to fit any project's unique specifications. From low to high-frequency shielding and from minimal to maximum attenuation, ETS-Lindgren designs shielding systems to precisely meet project-specific performance needs.

To achieve the optimal shielding performance, we carefully select a customized blend of materials, doors, and RF accessories based on each project's requirements. Our material options include Flectron— a metalized, woven fabric—shielding foils, and modular shielding panels, all engineered to deliver superior protection and flexibility.

In addition, ETS-Lindgren provides an array of accessories to enhance and customize shielding spaces for a variety of applications. Our lineup includes shielded windows, specialized filters, and automated door controllers that can be integrated with building management systems for easy, seamless operation. With ETS-Lindgren's Architectural Shielding Products, your project receives the ideal solution for a controlled and interference-free environment.

Features

Materials

ETS-Lindgren uses an assortment of materials, which are selected based upon project requirements. For applications requiring higher performance, ETS-Lindgren can provide modular shielding systems. The modular shielding systems consist of rigid panels that can be tailored to most applications, providing much higher lifetime performance in place of a bit less flexibility.

Standard Construction

The foil shielding materials can be applied over the contractor-provided drywall-covered walls and ceiling that have been painted or sealed. Vinyl-to-vinyl adhesive (or equivalent) is used to install the conductive material. The adhesive is applied to all wall and ceiling surfaces by roller, brush or by spraying. The floor shielding material is installed to a minimum of 7.62 cm (3 in) up on all existing room walls, thus forming a "pan" configuration on the floor. Multiple layers of shielding materials can be used around mechanical penetrations such as door frames, filters, and vents for a gasket effect. For best results, all surfaces should be smooth and clean before the application of the shielding product.

Applications

- Architectural Shielding
- SCIF
- Security Applications
- New Product Development Applications
- Production, Testing, and Commissioning Applications