

ClearShield Shielded Windows



Key Features

- The Industry's Highest-visibility RF Window
- Functions as a Wall, Skylight, or Observation Window
- RF Shielding Screens
- 6.44 mm (.25 in) Laminated Safety Glass Available
- Lightweight Aluminum

Product Features

High-Visibility RF Windows

ClearShield windows are the industry's highest-visibility RF windows and are available in spacious modular components. The windows RF shield screens have been acquired through the world's finest manufacturing organization to provide optimum clarity. The 6.4 mm (.25 in) laminated safety glass can encase the shielding medium to prevent damage and dust which could accumulate.

Acoustic Performance

The design has an inherently great acoustic performance, achieving ratings of STC 40 in testing.

Superior Strength

The lightweight aluminum extrusion sections give the window superior strength.

Aesthetic Appeal

A powder coat finish gives an aesthetic appeal to the window and durability in the window configuration.

Applications

All ClearShield windows are suitable for MRI applications and meet all major OEM requirements. NOTE: RF windows are not exterior windows and require an exterior window in front of them if they are to be used for exterior views.

Specifications

ETS-Lindgren's ClearShield RF Shielded Windows are high-visibility, architectural windows that will expand the horizons of your MRI shielded enclosure. The patented ClearShield design offers the industry's best combination of performance and clarity. The individual window designs are made of extruded aluminum with a double layer of RF shielding screen. The double layer of safety glass provides superior visibility and enhanced acoustic properties.

The ClearShield Window Walls RF attenuating properties block RF interference while providing clear views of the surrounding landscape, allowing you to increase patient comfort and create a unique MRI experience. Whether you are thinking of a skylight, ClearShield window, or a full wall of windows, your creativity is unlimited. Safety glass is standard on both sides; however, frosted or other types of glass can be used.

ETS-Lindgren's ClearShield Observation Windows provide a combination of clear viewing with high RF attenuation levels. You can see perfectly, yet the transmission of RF interference is attenuated to industry standards.

Physical Specifications

Model	Maximum Size per Individual Window	Mullions
Observation Window	1.2 m x 2.4 m (4.0 ft x 8.0 ft)	2.86 cm (1.125 in) ¹
Window Wall	1.2 m x 1.5 m (4.0 ft x 5.0 ft)	7.62 cm (3.0 in)
Skylight	1.2 m x 1.5 m (4.0 ft x 5.0 ft)	7.62 cm (3.0 in)

¹ Only Required on Windows Greater than 183 cm (6.0 ft)