

# SHIELDING SRFSD-100 SLIDING DOORS



**ETS-Lindgren's SRFSD-100 Sliding Doors** are expertly crafted for use in reverberation chambers, partial discharge rooms, and other specialized applications tailored to meet unique customer requirements. These doors deliver the same exceptional shielding performance as our standard RFD-100 and RFSD-100 models, ensuring reliable operation even in the most demanding environments.

The SRFSD-100 system requires no electric filters, simplifying installation and operation. Safety features include integrated safety edges, warning lights, and buzzers to ensure a secure and user-friendly experience. The door can be mounted directly to the chamber frame or supported by an independent structure, with the latter being the standard configuration. If the vertical structure is omitted, it may necessitate a redesign and reinforcement of the upper support structure to maintain integrity and performance.

To achieve and sustain the highest shielding effectiveness, proper installation is critical. Installation must follow ETS-Lindgren's precise guidelines and be performed under expert supervision. Additionally, adherence to detailed maintenance instructions is essential for the long-term performance and reliability of the SRFSD-100 sliding door system.

## MODEL SRFSD-100

- Easily Accommodates Long Absorber Elements
- Patented Labyrinth Sealing Construction
- Light and Easy to Handle
- Ideal Metal-to-metal Contact Between the Door Leaf and the Frame
- Specially Designed for Additional Load of Ferrites (max. 50 kg/m<sup>2</sup>)

## Technical Specifications

Performance	
Magnetic	42 dB @ 1 kHz; 80 dB @ 10 kHz; 120 dB @ 5 MHz to 30 MHz
Electric	120 dB @ 1 kHz to 30 MHz
Planewave	120 dB @ 30 MHz to 1 GHz
Microwave	120 dB @ 1 to 20 GHz

