

# SmartShield Door Systems

RF shielded doors for shielded rooms and chambers



## SOLUTION FOR

All high performance RF shielded rooms requiring a flexible door access system

## Main features

- Performance range 10 KHz - 40 GHz
- Low maintenance replaceable gasket design
- Fits modular or welded shielded rooms
- Fire resistant & acoustic applications available
- Integrated lift & access platforms
- Customized, modular design enabling unlimited options for shielded room upgrades or relocations
- Available in a wide range of dimensions & configurations

## Product Configurations

### Dimensions

- 0.9 m wide - 20 m wide or more

### Performance range

- 10 KHz - 40 GHz

### Standard Equipment

- Single, double or sliding door opening leaf arrangement with manual, semi-automatic or fully automatic opening system
- Replaceable gasket system
- Painted finish to customers requirement
- Packed ready for transportation

### Accessories

- Door ramp system, manual or automatic
- Lift platforms for access
- Security locking systems

## MVG-EMC shielded doors, manufactured to the same high quality as our shielded rooms, are an excellent match for any high performance shielding system.

The doors are available in manual, semi- and full automatic operation, for both swing door designs and sliding.

The high performance shielding results are achieved using a knife edge closure system, utilizing beryllium copper finger contact strips. Highly engineered hinge systems ensure accuracy of closure, long life and easy maintenance. A pivoting hinge is used for the swing doors in order to ensure the durability of the fingerstock gaskets mounted in the door frames. The sliding doors are designed to provide the same extended shielding effectiveness and performance as the swing door products.

For servicing purposes the door mechanics are contained outside the shielding panels of the door. Since this is not an essential part of the shielding, it facilitates all maintenance work without affecting the shielding performance of the facility.

All automatic doors have a fail-safe system such that if a power failure occurs the chamber remains accessible.

Security systems for authorized access are available from simple locking systems to fully integrated keypad or card type arrangements.

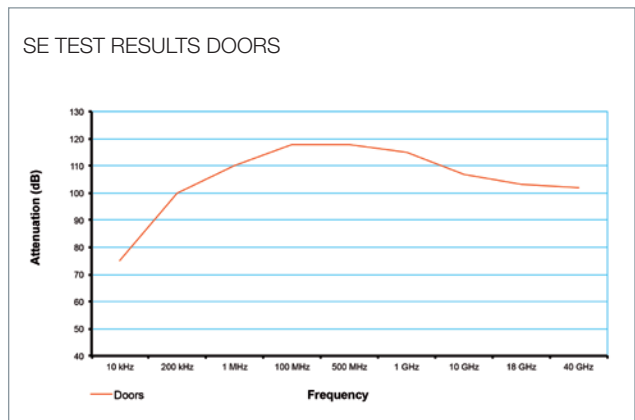
### Accessories include:

- Ramp access systems - manual and automatic
- Lift platform access systems
- Access security systems
- Acoustic linings



## Performance

Measured results by approved independent authority.



Powered by



Contact your local sales representative for more information

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