

# RF SHIELDED SLIDING DOORS



European EMC Products Ltd

## RF SHIELDING SLIDING KNIFE DOORS

The door is the most important part of any shielded room therefore it is important to specify the design and layout correctly. For some applications a sliding door is essential where space is restricted or in anechoic chambers where the door will have microwave absorbers installed. Sliding doors can also be automated and integrated with ramps and equipment lifts were needed.

EEP design, manufacture and install all types of RF shielded doors including manual or automatic sliding doors. All our doors are designed for ease of use and maintenance and can be manufactured to fit into any type of RF shielded rooms.

Latching systems can be manual or pneumatic and all types of locking and safety devices incorporated with internal chamber equipment or host building monitoring systems.



RF sliding doors on two EMC test chambers



Pneumatic latches easily accessible for maintenance and repair

## RF PERFORMANCE OF STANDARD SLIDING DOOR

Magnetic mode: 60 dB at 10 kHz rising to 100 dB at 100kHz  
Electric Mode: 100 dB from 1 kHz to 1 GHz  
Plane Wave: 100 dB from 1 GHz to 10 GHz

Extended performance at both higher and lower frequencies can be offered

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