


# The FASTEST Radiation ShieldDOOR™ in the world!



- Redundant Security focused on Patient Safety
- Complete Uninterrupted Neutron & Photon Shielding
- Designed for Low-Maintenance & Low-Cost Operation
- Fast Cycle-Time for Increased Patient Throughput
- Interior/Exterior Finishes to Match Design Scheme
- Space Saving Technology Requires Small Footprint
- Engineered & Pre-Assembled for Quick Installation

## SCS

SHIELDING CONSTRUCTION SOLUTIONS

VAULT  BUILDERS

# Radiation ShieldDOOR® solutions



**SCS**  
**ShieldBLOCK®**  
**DenseCRETE®**  
**ShieldDOOR®**  
**NeutronBLOCK®**  
**ShieldLEAD®**

## Comparison

<b>ShieldDOOR™</b> NEUTRON & PHOTON	<b>Bi-Part SLIDING ShieldDOOR</b>	<b>SLIDING ShieldDOOR</b>	<b>SWING ShieldDOOR</b>
Space*	24-30 sq ft	24-30 sq ft	0 sq ft
Speed**	5-15 sec (maze) 6-18 sec (mini-maze) 6-22 sec (direct)	10-20 sec (maze) 12-22 sec (mini-maze) 12-22 sec (direct)	10-30 Sec (maze) 12-40 Sec (mini-maze) 15-60 Sec (direct)
Weight	2,000-60,000 lbs	2,000-60,000 lbs	2,000-60,000 lbs
Shielding Warranty	LIFETIME	LIFETIME	LIFETIME
Neutron & Photon	Yes	Yes	Yes
Presence Sensors	Yes	Yes	Yes
Selectable Finishes	Yes	Yes	Yes
Standard Clear Opening	4' W x 7'-1" H	4' W x 7'-1" H	4' W x 7'-1" H
Interlock Switches	Yes (4)	Yes (2)	Yes (2)
Battery Open Option	Yes	Yes	Yes
Manual Open	Yes	Yes	Yes
*Touch Free* Open	Optional	Optional	Optional
*Remote* Open	Yes	Yes	Yes

\* Space requirements for SLIDING DOOR and BI-PART SLIDING DOOR assemblies typically require area on the outside of the treatment room. SWING TYPE DOORS typically swing into the travel path—inside the treatment room, thus having little if any impact on floor space.

\*\* Caution: Door speeds are dependent on the weight, size and owner's safety requirements. There are regulations and standards which may apply to your door. Your thorough review of this item is recommended to ensure your liabilities are limited and risks are minimized to conform to your individual requirements.





**ShieldDOOR®** radiation shielding doors for both neutron and photon attenuation. Available in swing (hinged) and sliding designs. Your project and client will benefit from the latest innovations in door operators and safety devices.

**Fast Cycle-Time for Increased Patient Throughput**

**Interior/Exterior Finishes to Match Design Scheme**

**Space Saving Technology Requires Small Footprint**

**Engineered & Pre-Assembled for Quick Installation**

**Guaranteed for Life!**

**Redundant Security Focused on Patient Safety**

**Complete Uninterrupted Neutron & Photon Shielding**

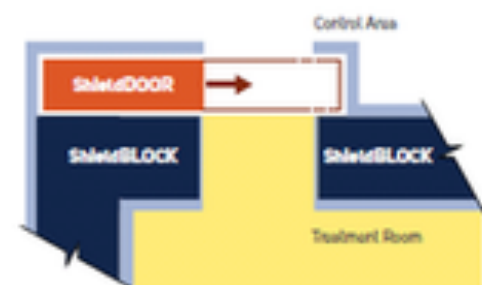
**Design for Low-Maintenance & Low-Cost Operation**



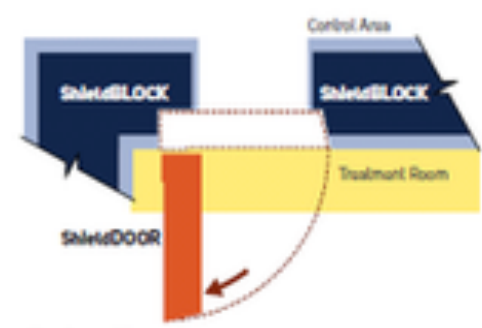
## Door Types



**Bi-Part Sliding**  
The FASTEST door in the industry



**Sliding Type**  
Traditional SLIDING Shield Doors



**Swing Type**  
The LOWEST space requirement

## Treatment Room Layout



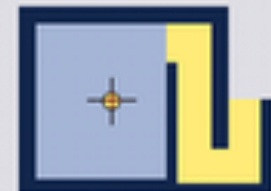
**Direct Entry**



**Mini-Maze Entry**



**Maze Entry**



**Doorless Entry**

**SHIELDING CONSTRUCTION SOLUTIONS, INC.**

VAULT BUILDERS