

METAL LEAD LINED DOOR

Door Type	:	Steel Lead Lined Door
Criteria	:	Nuclear/Radiation Protected
Radiation Rating	:	90% Blockage of Radiation
Door Thickness	:	46 mm
Standard	:	IS 4351 & IS-16074
Application	:	Radiology & Nuclear Medicine

Construction Details

Detail Description

1. Steel frame Profile Design – 4C Fire Protection SL 100 x 57
2. Frame manufactured with 1.2mm Galvanised Steel
3. Shutter Thickness – 46mm
4. Shutter Infill – Honeycomb/Mineral wool including 2mm Lead Sheet
5. Shutter manufactured with 1mm Galvanised Steel
6. Single Glazed Lead Glass as per requirement of size 200mm x 300mm (6mm +- 2mm)

Recommended Hardware

1. Stainless steel Ball Bearing Hinges – SUS 304 of size 100mm x 75mm x 3mm
2. Door Closer– Heavy Duty for 80kg weight capacity
3. Mortise Dead Lock Set with Half Cylinder and estucheon– complete set with D Shape Pull Handle for Push Plate operation
4. Mortise Sash Lock with Half Cylinder, estucheon, lever handle– Complete Set for Push/Pull operation

Optional Hardware

1. Door Coordinator
2. Concealed Flush bolt
3. Automatic Drop Down Door Bottom
4. Optional Lead Lined door cill to cover the gap between finished floor and door shutter

Recommended Finishes

1. Primer and Paint Finish
2. SS304 Matt / Glossy Finish on demand