










Mak Health Hermetically Sealed Lead Line Sliding doors

The equipments inside the X-ray rooms must be kept in adequately shielded rooms to ensure that the public in the X-ray installations are not unduly exposed to the radiations. The unsought situation of leakage of these harmful radiations outside the X-ray room is highly critical situation and would be the nightmare for any hospital. This will expose the public to highly dangerous and harmful radiations.

But thankfully, with Metaflex lead shielded doors, it is impossible to witness any leakage outside the radiation room. Our 2mm thick lead line doors, conform to AERB regulations and ensures complete lead sealing. These Lead Line doors have been specially developed for operation theatres with X-ray equipments, Cath Labs as well as rooms with radiation shielding requirements.

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-  *Automatic or Manual Sliding Door*
 -  *Radiation-resistant*
 -  *Hygienic anti-bacterial flat finish*
 -  *Safety by photocell*
 -  *Airtight according to EN 12207*
 -  *Noise insulation upto 28dB*
 -  *CE marked*
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Metaflex. Meet reliability.

Toll Free: 1800-1020-276 | **Email:** info@metaflex.in | **Web:** www.metaflexdoors.com

Technical Specifications

Mak Health Hermetically Sealed Lead Line Sliding doors



Dimensions Available

CW: 1200 to 1800mm
CH: 1500 to 2100mm
Special dimensions on request

Automation (Optional):

Microprocessor based controller. The automation consists of 90W AC controller and motor. Equipped with multi control options.

Accessories (Optional):

View panel
Touchless switch
Foot switch
Overhead sensor
Locking system

Finishes:

High Pressure Laminate (HPL)

Door Leaf

The door leaf has thickness of 60mm with PIR core (CFC free) with high-pressure laminate (HPL) on both sides conforming to EN 438-3:2005. The door profile are flushed with door leaf in Aluminium Alloy, Grade 6063, Temper T6 natural anodized finish. The door leaf and profiles have 2mm lead inlays for radiation proofing (Pb 99,94 Cu according to DIN EN 17640).

Sealing gasket

Easily replaceable all around EPDM gasket. When closed, the EPDM gasket is pressed against the frame to make sure perfect sealing.

Vision panel (Optional)

Insulated glass unit with Lead Glass Flushed with door surfaces. 2mm equivalent at 150kVp.

Lever Handle

Solid AISI 304 Grade Stainless Steel

Rail

Low noise aluminium rail construction with 45° indentations with simultaneous "down and in" movement.

Wall frame

Aluminium Alloy, Grade 6063, Temper T6 Natural Anodised, 20 µm with 2mm thick lead inserts.

Noise Insulation 28 dB

