

Our Lead-Lined Doors are specifically engineered for medical environments where radiation shielding is critical. These doors are internally lined with high-quality lead sheets, offering superior protection against radiation leakage while maintaining a sleek, hygienic exterior suitable for hospital settings.

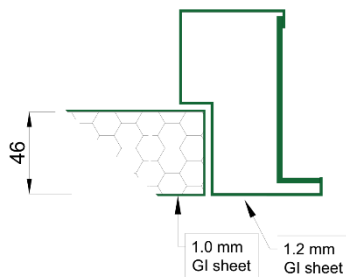
Each door is constructed with precision to meet stringent radiation safety standards and ensure compliance with healthcare regulations.

Key Features

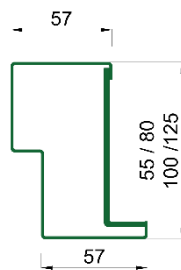
- **Integrated Lead Core** – Available in various thicknesses (typically 2 mm) as per shielding requirements.
- **Seamless Finish** – Wrapped in powder-coated or stainless-steel sheeting for easy cleaning and sterile environments.
- **Radiation Shielding Compliance** – Designed to meet national and international X-ray shielding standards.
- **Optional Lead-Lined Vision Panels** – Equipped with X-ray-safe glass for clear visibility without compromising protection.
- **Durable Hardware Options** – Compatible with heavy-duty hinges, lead-lined door frames, and automatic door closers.



Door Construction



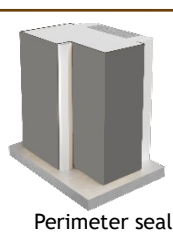
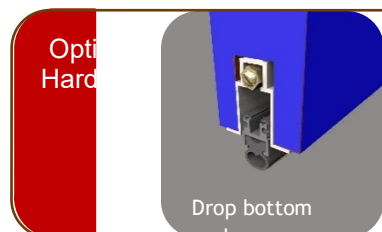
Door Frame Variant



Technical Specifications

- Door shutter MOC: 0.80~1.0 mm GI sheet.
- Shutter thickness: 46 mm.
- Infill Insulation: Rock wool insulation.
- Pad plates: 3 mm predrilled and taped.
- Door frame profiles: 55x57, 80x57, 100x57 or 125
- Rabbets: Single rabbet, "Z" profile.
- Door frame MOC: 1.2 mm GI sheets.
- Finish: Pure polyester powder coating finish.

Door Hardware



Our Lead Glass Observation Window is specially designed to provide effective radiation protection in diagnostic imaging environments such as CT scan and X-ray rooms. The window features an 8 mm thick lead glass panel, equivalent to 2mm lead shielding, ensuring safety without compromising visibility.

Framed in a sturdy HMPS (Hollow Metal Pressed Steel) structure, the unit offers durability, easy installation, and compliance with healthcare radiation shielding standards.

Key Features

- **High-Quality Lead Glass:** 8mm thick, radiation-shielding equivalent to 2mm lead
- **Clear Visibility:** Provides excellent visual clarity for monitoring procedures
- **HMPS Frame:** Robust, powder-coated frame for long-lasting performance
- **Easy Integration:** Designed for seamless installation in partition walls
- **Radiation Safety Compliant:** Meets standard protection requirements for diagnostic rooms
- **Custom Sizes Available:** Tailored dimensions available for specific room requirements.

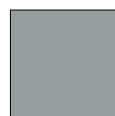
Applications

Ideal for areas requiring radiation shielding in:

- Hospitals and Clinics
- Diagnostic Imaging Rooms (X-ray, CT, MRI)
- Radiology & Nuclear Medicine Departments
- Dental Clinics
- Research Laboratories



Colour Shades



RAL7037



RAL7040



RAL7047



RAL5002



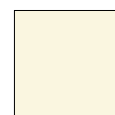
RAL5015



RAL5012



RAL5002



RAL9001



RAL9016

Engineered for safety and designed for performance, our Lead Line Doors and Lead Glass Window with HMPS frame is the ideal choice for healthcare environments requiring reliable radiation shielding and clear observation