

FULL LINE OF RADIATION SHIELDING PRODUCTS



Radiation Protection Products (RPP) manufactures a full line of radiation shielding products. They include Lead Lined Doors (solid core wood, lead lined, and steel strapped), Lead Lined Drywall (otherwise known as Lead Lined Sheetrock or Lead Lined Gypsum Wallboard) and Lead Lined Plywood, Leaded X-ray Glass, Lead Lined Frames for borrowed lites and doors, pass boxes and many other lead products.

We also manufacture and install Radiation Therapy Vault Doors (Neutron Doors) and Interlocking Lead Bricks.

Radiation Protection Products uses only the finest quality material and exercises the best quality control possible.

We offer a top quality line of lead shielding products at a competitive price with delivery to satisfy your needs. For additional information concerning RPP's products or services, please contact us toll free at:

888-746-4777 PHONE
866-554-8445 FAX

ALL SHIELDING PRODUCTS PROVIDED MEET THE FOLLOWING SPECIFICATIONS:

Sheet Lead

Sheet Lead shall meet or exceed the Federal Specification QQL-201 F Grade C and ASTM B749-03 Standard Specification for Lead and Lead Alloy Strip, Sheet and Plate Products, see NCRP reports #33, #35, #49 and #147.

Gypsum Board

Gypsum Board shall meet or exceed ASTM C1396, ASTM C840, and Federal Specification SS-L-30D Grade X Type III.

Leaded Glass

Leaded Glass shall meet or exceed Federal Specification DD-G-451.

Radiation Protection Products manufactures all lead shielding products in accordance with Lead Industries Hand Book and all NCRP Applicable Reports (#33, #35, #39, #40, #49 and #147) and NBS, HB. #114.

Cassette Transfer Cabinets

Cassette Transfer Cabinets shall meet or exceed MIL-C-3673 (DM).

Wood and Plastic Laminate Doors

All Wood Doors shall meet or exceed the ANSI/NWMA Industry Standard I.S.I.-80, I.S.I.4-80, NCRP Report #49.

TERMS AND CONDITIONS OF SALES

Prices in U.S. Dollars

Prices are in U.S. dollars, F.O.B. factory, Chapel Hill, Tennessee, unless otherwise specified. Prices, specifications, and terms of sales are subject to change without notice. All orders are subject to review prior to acceptance.

Terms

Net 30 days on established accounts with approved credit. Visa/MasterCard.

Credit

New accounts, pending credit approval, may be immediately expedited by enclosing a check, wire transfer or credit card. To facilitate opening of accounts, please forward your bank and four (4) trade references. Tax-exempt or Resale Certificate required if applicable.

Minimum

Minimum invoice of \$500.00. Orders under \$500.00 may require payment by Visa or MasterCard.

Ordering/Purchasing

Your purchase order or contract is requested on all orders. All orders should be confirmed and clearly marked "Confirmation—Do Not Duplicate."

Shipment

Unless detailed shipping instructions are specified on all orders, we reserve the right to choose the method of transportation and to make partial shipments, if necessary.

Packaging/Set Up Charge

Special packaging quoted as extra. Set up charges may be applicable with certain fabrications.

Returns

Return merchandise will be accepted only with prior written authorization. Freight charges must be prepaid.



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servicing the nation's lead needs since 1952 with a full line of radiation shielding products

RADIATION SHIELDING

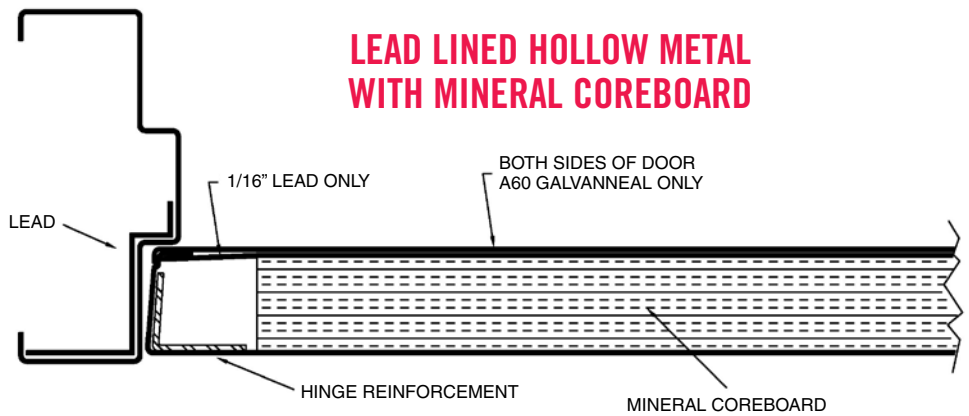
LEAD LINED HOLLOW METAL DOORS

All our Hollow Metal Lead Lined Doors are manufactured with A60 galvanneal steel or cold rolled steel in 14 gauge or 16 gauge. Our Hollow Metal Lead Lined Doors can be filled with mineral coreboard or they can be vertically steel stiffened. The edges of our doors are continuously seam welded, ground and filled to ensure a smooth finish.

The top and bottom of the doors are reinforced with continuous steel channels, spot welded to both sides of the door. All doors come with 11 gauge steel angles, 12" long for hinge reinforcement. All doors can be fit with a door lite kit and leaded glass. UL labels available upon request.

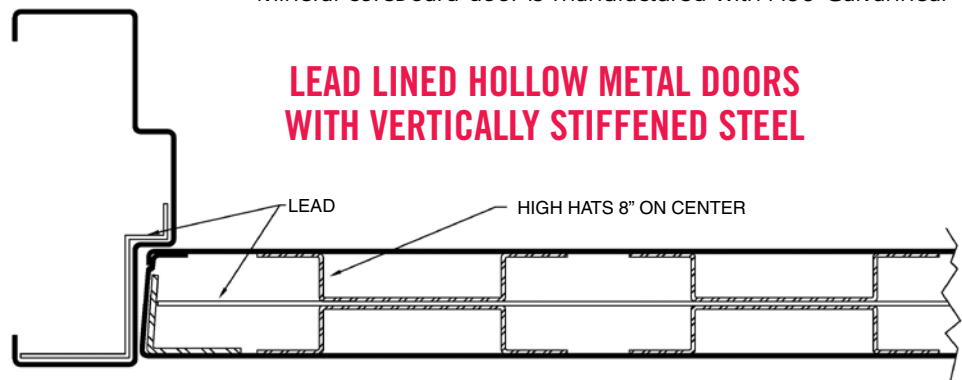
Doors meet or exceed the following:

- ASTM A526 (Galvanneal)
- ASTM A366 (Cold Rolled Steel)
- HMMA 861-00 For Commercial Hollow Metal Doors and Frames
- SDI-100, Grade II, Heavy Duty Model 3, Seamless Hollow Metal Construction



LEAD LINED HOLLOW METAL WITH MINERAL COREBOARD

- Coreboard is adhered to the steel
- Lead lining is adhered to the coreboard
- Mineral coreboard door is manufactured with A60 Galvanneal

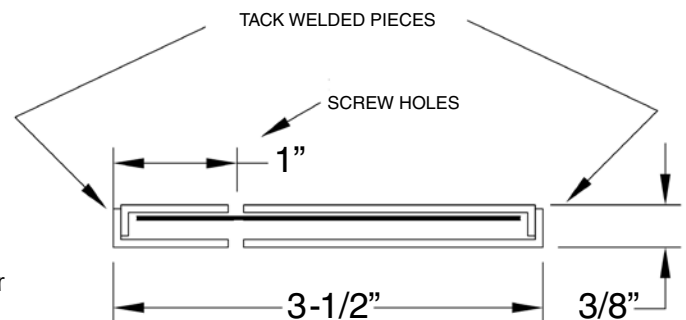


LEAD LINED HOLLOW METAL DOORS WITH VERTICALLY STIFFENED STEEL

- High hats 8" on center welded to pan and cover
- Steel stiffened doors are manufactured with cold rolled steel

FOR DOUBLE DOORS WE MANUFACTURE A LEAD LINED ASTRAGAL

- Astragal is the same material as doors
- Lead thickness will be same as door
- Ends will be capped
- Shipped with holes for mounting screws



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RADIATION SHIELDING

LEAD LINED DOOR ORDERING INFO

LEAD LINED DOOR ORDERING INFORMATION

Orders for Lead Lined Doors should include the following information:

- Exact width and height
- Swing (see swing selector below)
- Lead thickness
- Any options and locations
- Size and location of leaded x-ray glass, W x H
- Size and location of Louver, W x H
- Bevel (i.e. 1/8" in 2", 3°)
- On double doors, indicate which leaf to receive astragal
- Fire rating (Warnock Hersey 20 min.)
- Finish (Veneer or Plastic Laminate)
- Light proof seals

On Pre-hung Doors, include the following additional information:

- Wall thickness
- Hinges and number
- Pivots
- Lock set or latch set
- Size of leaded x-ray glass (lead lined glass)
- Swing (see swing selector above)
- Type of frame (i.e. standard hollow metal)
- Lead thickness

Stock sizes: 2'0" x 7'0", 2'6" x 7'0", 3'0" x 7'0", 3'6" x 7'0", 4'0" x 7'0"

Options. Cutout for Leaded X-Ray Glass, Cutout for Lead Louver, Pre-Hung, Custom Wood Veneer, Plastic Laminate and 20 min. Fire Constructed.

Note: Radiation Protection Products uses 1-1/2 pair Heavy Duty Ball Bearing Steel Hinges. Custom doors quoted upon receipt of specifications.

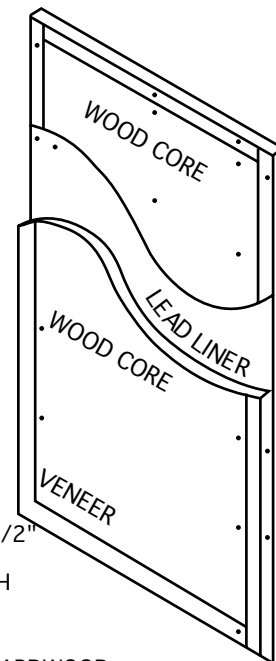
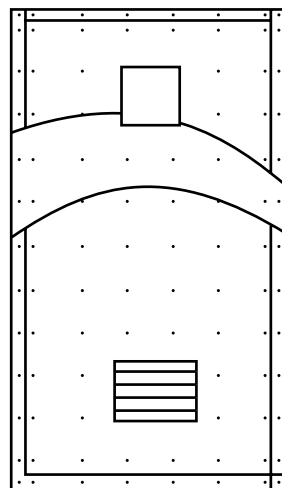
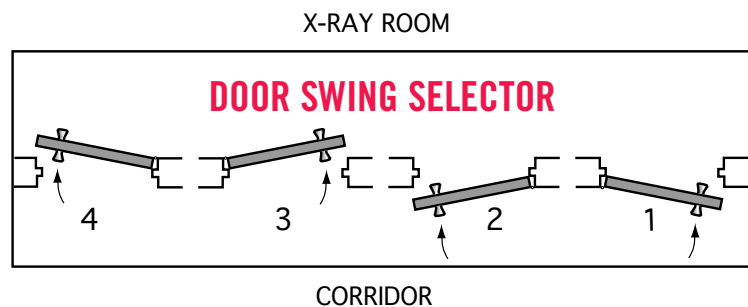
Radiation Protection Products can supply any type of Plastic Laminate Face Panels, as well as Face Panels of Natural Birch, Red Oak and other Wood Veneers.

Lead thickness from 1/32" to 1/2" in Wood Doors.

Special Lead Lined Doors and Neutron Doors quoted upon receipt of specifications (see page 7).

All Lead Lined Doors are manufactured in accordance with N.W.M.A. Industry Standard Special Construction Wood Flush Doors #I.S.I.4-80.

NOTE: All Radiation Protection Products' Doors are custom made, non-cancelable and non-returnable.



CORE: SHEET LEAD - 1/32" TO 1/2" THICKNESS. PARTICLE BOARD, 1/16" THICK WITH Poured LEAD DOWELS

TOP & BOTTOM RAILS: MATCHING HARDWOOD
STILES: MATCHING HARDWOOD
VENEER: HIGH PRESSURE PLASTIC LAMINATE OR WOOD VENEER



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RADIATION SHIELDING

LEAD LINED PRE-HUNG & CUSTOM DOORS

PRE-HUNG DOORS

Pre-hung Doors might be the answer for that special job. Radiation Protection Products, Inc. can supply you the door, frame, hinges, lockset or latch set and all the accessories in one package.

Radiation Protection Products uses a variety of face panels. We offer Natural Birch, Red Oak and other wood veneers plus plastic laminates. Basic lead thicknesses range from 1/32" to 1/2" in wood doors. Special order doors and door pairs are available as quoted.

Lead Lined Door Options:

- Cutout for leaded x-ray glass
- Cutout for lead louver
- Pre-hung
- Custom wood veneer
- Plastic laminate
- 20 minute fire constructed

Orders for Doors shall include the following information:

- Width and height (specify 7'0" or 6'8")
- Finish (veneer or plastic laminate)
- Lead thickness
- Any options and locations
- Size and location of leaded x-ray glass, W x H
- Size and location of lead louver, W x H
- On double doors, indicate which leaf to receive astragal

Complete specifications/drawings upon request.

FIRE RATED

Radiation Protection Products' fire rated lead lined doors are 20 minute constructed as certified by Warnock Hersey.

NEUTRON SHIELDED DOORS

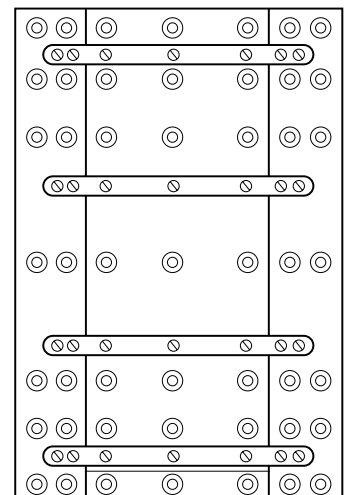
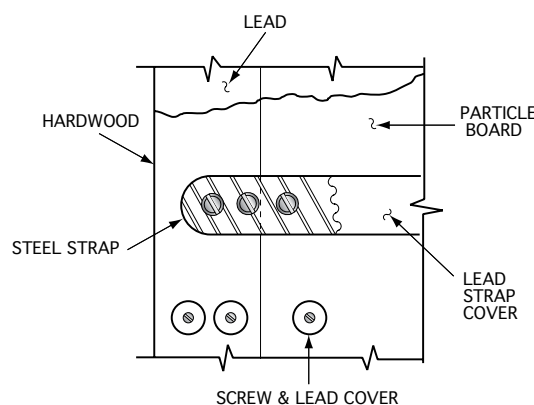
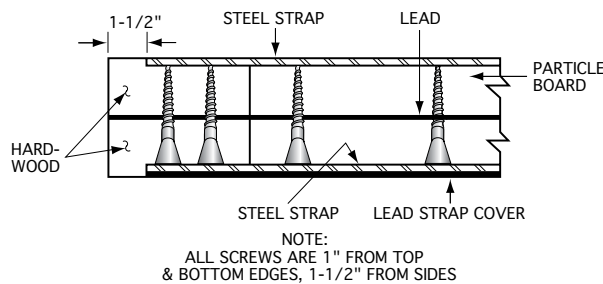
The work of this section consists of furnishing door installation and furnishing only the frame for the linear accelerator room.

The Neutron Door is constructed of 1/2" steel framing member around the entire perimeter of the door and will have 1/4" steel faceplates. The hinge faceplates of the door will have Radiation Protection Products' lead shielding and polyethylene, as indicated in drawings.

Frame shall be constructed of 1/4" steel of shape and size as detailed on architectural drawings, complete with lead lining and bottom lead lined sill as shown and welded in anchors including sill anchors.

- Hardware CC1
- Pivot/hinge
- Pulls
- Electric operator
- Kill switch (interlock)

Specification and drawings of the door most purchased (**Model CC2/Neutron Shielded Door**) for high-energy linear accelerator rooms, available upon request. Please call for complete information—from planning to complete installation. We work with the most knowledgeable partners in the business.



20 MIN. FIRE RATED CORE



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