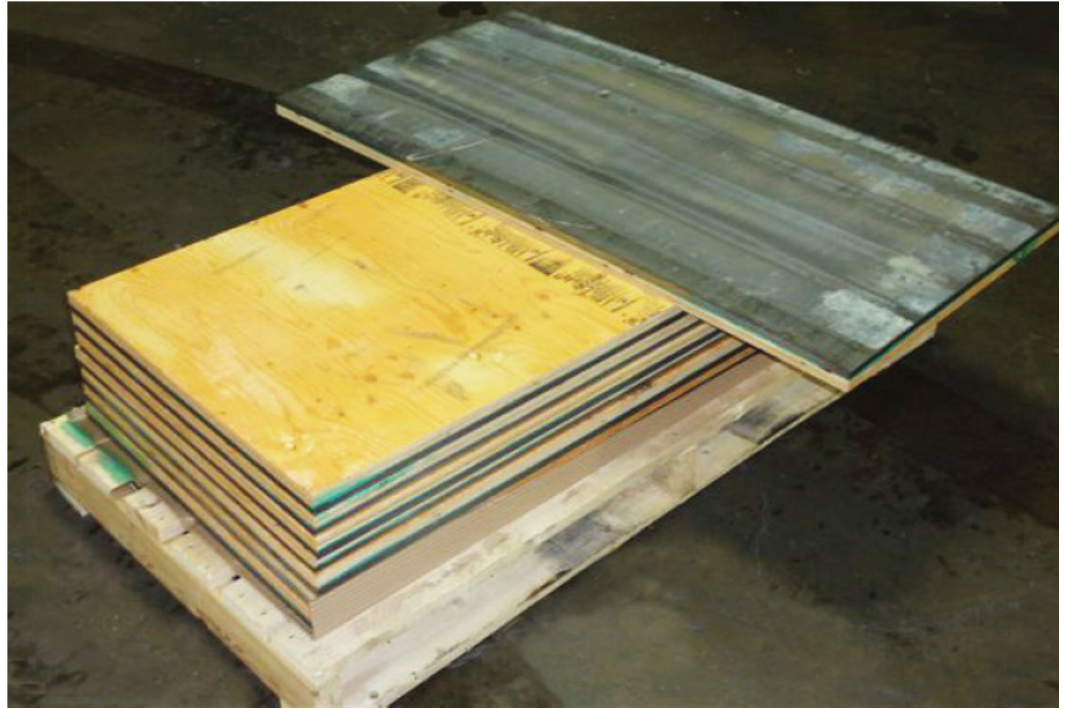




Custom Radiation Protection, Shielding & Storage Solutions

LEAD PLYWOOD

Laminated with Sheet Lead



MarShield plywood is laminated with sheet lead that is designed to cover necessary surfaces or walls in a room requiring radiation shielding. Lead-lined plywood is ideal for a variety of applications, including new construction or shielding upgrade/renovations for P.E.T and other types of diagnostic imaging rooms, or add additional protection between lead-lined drywall and interlocking lead bricks.

- Meets or exceeds Federal Specifications QQ-L-201F, Grade C, ASTM B-749-03 Standard Specification for lead and lead alloy strip, sheet and plate products.
- Fire-retardant plywood conforms to AWPA C27 type A.
- Lead sheet is 99.9% pure, or better, of un-pierced virgin lead, free of dross, oxide inclusions, scale, laminations, blisters and cracks.
- Lead sheet is factory laminated to plywood panels.
- Available in 5/8" to 3/4" in thickness with a lead thickness of 1/16" no less to 1/2" maximum thickness.



Of Excellence

1.800.381.5335

sales@marshield.com

www.marshield.com



Scan with your mobile/smart phone barcode reader.

LEAD PLYWOOD

Laminated with Sheet Lead

Lead lined plywood is typically recommended for heavier lead shielding requirements, usually when the lead shielding exceeds 1/8" thick.

Lead lined plywood at these thicknesses becomes very heavy to handle in full sheet form (4' x 8'). We recommend having us cut the lead lined plywood into widths that equal your on-center stud dimensions (e.g. 12" or 16"). This will make the lead lined plywood much more manageable for the installer.

Example:

- 1 sheet of 3/4" x 4' x 8' plywood, with 1/4" lead lining to 7', weighs approx. 505 lbs.
- 1 sheet of 3/4" x 16" x 8' plywood, with 1/4" lead lining to 7', weighs approx. 168 lbs.

Sample Lead-Lined Plywood Weights:

Plywood Thickness	Lead Thickness	Weight (lbs/sq. ft.)
5/8"	1/16"	5.703 lbs
5/8"	1/8"	9.453 lbs
5/8"	3/16"	13.203 lbs
5/8"	1/4"	16.953 lbs
5/8"	1/2"	31.953 lbs
3/4"	1/4"	505 lbs

NOTE: Shielding will need to be added to all receptacle switches, fasteners penetrations and seams created when applying the leaded plywood.

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