

Lead Lined Plywood

Lead lined plywood is typically utilized in applications requiring a lead thickness in excess of 1/8". Any grade of plywood including fire-treated is available. Plywood panels are pressure laminated with a permanent adhesive to unpierced sheet lead and arranged to provide effective lead shielding through all joints. Depending on required lead thickness (determined by a health physicist), panels can be reduced in size to facilitate installation.

Standard Installation:

- Place leaded side of plywood against studs.
- Drill pilot holes for screws to prevent deformation of lead.
- A minimum lead overlap of one inch is required at all joints and corners.
- Extend lead overhang at least one inch into all frames or openings.
- Panels can be sized to match stud widths. This will require the installation of a batten strip along the seam.
- The area between the batten strips can be filled with non-leaded plywood to facilitate the installation of the finished wall.
- Install lead over or behind all penetrations, cuts, or punctures to ensure continuity of radiation shielding.


















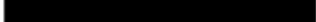

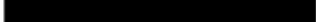


Sheet Lead

Sheet lead meets or exceeds Federal Specification QQ-L-201 F Grade C and ASTM B749-03.

Pitts Little sheet lead is ideal for radiation protection as well as sound and water proofing applications. Our lead is 99.5% or more pure and is milled to required specifications. It is available in widths up to eight feet, lengths up to 25 feet, and any required thickness.

Sheet Lead Thickness Chart:

POUNDS PER SQ. FT.	ACTUAL THICKNESS	APP. THICKNESS IN INCHES		APP. THICKNESS IN MILLIMETERS
		DECIMAL	FRACTION	
1		.0156	$\frac{1}{64}$	0.397
2		.0312	$\frac{1}{32}$	0.794
2 1/2		.0391	$\frac{5}{126}$	1.000
3		.0468	$\frac{3}{64}$	1.191
3 1/2		.0547	$\frac{7}{128}$	1.390
4		.0625	$\frac{1}{16}$	1.587
5		.0781	$\frac{5}{64}$	1.980
6		.0937	$\frac{3}{32}$	2.381
8		.1250	$\frac{1}{8}$	3.175
10		.1563	$\frac{5}{32}$	3.969
12		.1857	$\frac{3}{16}$	4.763
14		.2188	$\frac{7}{32}$	5.558
15		.2500	$\frac{1}{4}$	6.350
20		.3333	$\frac{1}{3}$	8.500
24		.40000	$\frac{2}{5}$	10.100
30		.5000	$\frac{1}{2}$	12.700
40		.6667	$\frac{2}{3}$	16.900
60		1.000	1"	25.400