Ideal for adding shielding to existing therapy vaults or treatment rooms, the IMPERVIUS™ AlphaShield™ lead brick system can also be utilized in a freestanding lead room, such as an HDR Brachytherapy room, to shield a full range of modalities. Modular bricks allow for easy installation or removal for relocation, even in difficult spaces. Our interlocking lead brick can also be used in new construction as an efficient method of reducing wall or ceiling thickness for optimal space.

The most shielding in the least amount of space.

Based on a tongue and groove design, our IMPERVIUS™ AlphaShield™ Modular Block produces the most effective shielding in the smallest amount of space.
Features and Highlights

SPACE SAVINGS
Utilizes the least amount of space in shielding design

INTERLOCKING SHIELDING
Tongue-and-groove design allows for the most effective shielding solution

MODULARITY
Interlocking lead brick is easily installed and removed for relocation

FISCAL GAINS
Potential tax savings with capital equipment classification

REPURCHASING PROGRAM
Interlocking lead brick removal and repurchase programs available

Top-Line Tech Specs

PRODUCT
IMPERVIUS™ AlphaShield™ Lead Brick

USAGE
Low- and high-energy linear accelerator vaults, proton therapy, IMRT, HDR, Gamma Knife, CyberKnife, cobalt, nuclear medicine, industrial applications, custom radiation

DIMENSIONS
4”H x 12”W • 102 H x 305 W mm
Thicknesses:
3/4” • 19 mm
1” • 25 mm
1.5” • 38 mm
2” • 51 mm
Custom lengths available

CONSTRUCTION
Solid cast lead, tongue and groove edges

DESIGN
Two designs for lead brick. Interlocking and square-edge. Interlocking lead bricks are modular in design to maximize available space allocation.

Related Products or Services
- IMPERVIUS™ MegaShield™ Modular Block
- IMPERVIUS™ UltraShield™ High-Density Concrete Block
- GUARDIAN™ Door Systems
- OCLEN Consulting
- Physics Design and Consultation