

# IMPERVIUS™ MEGASHIELD™ Modular Block Systems



Safety  
for  
life

**Interlocking intelligence.  
Superior strength.**

Simple, yet sophisticated, IMPERVIUS™ MegaShield™ is the strong, silent type. As needs evolve, this unique modular design is the ideal solution.



Versatility, efficiency, and shielding superiority are evident as a result of this specially molded, highly rated interlocking system from NELCO. Pre-cast in several densities, the IMPERVIUS™ MegaShield™ systems have the ability to meet all facility requirements. You can rely on these independent, functional systems to save construction time and expenses—units are quickly removed and reused for temporary leased properties and for permanent vaults.



TO REQUEST A QUOTE OR FOR ANY OF OUR SERVICES  
Call 1-800-NELCO-13 (635-2613) or visit [NELCOWORLDWIDE.COM](http://NELCOWORLDWIDE.COM)

# Features and Highlights

## MODULARITY

Quickly and easily assembled or disassembled for relocation

## TIME SAVINGS

Pre-cast independent of permit process for fast construction

## FISCAL GAINS

Potential tax savings with capital equipment classification

## VERSATILITY

Ideal for vaults in existing facilities or freestanding bunkers

## FLEXIBILITY

Block and hybrid systems for ceiling and primary beam areas

## FAST DELIVERY

Manufactured locally to reduce shipping time and expenses

## UTILIZATION

Shielding for neutron and gamma radiation

## INTEGRITY

Complies with seismic and structural integrity requirements

## EFFICIENCY

NELCO construction crews ensure efficient, timely installation

## QUALITY

Controlled environment with weight and density testing

## ECO-FRIENDLY

Nontoxic, environmentally safe, natural material composition

# Top-Line Tech Specs

## PRODUCT

IMPERVIUS™ MegaShield™ Modular Block

## USAGE

Linear accelerator vaults, proton therapy rooms, HDR rooms, industrial X-ray room applications, and other modalities requiring shielding

## CONSTRUCTION DENSITIES

147 lbs/cu ft • 2.35 g/cm<sup>3</sup> – standard

240 lbs/cu ft • 3.84 g/cm<sup>3</sup> – high density

250 lbs/cu ft • 4.00 g/cm<sup>3</sup> – high density

Custom densities can be formulated as required

## MANUFACTURING

Stable interlocking concrete block design;  
LEED Certified upon request

## COMPLIANCE

Meets all regulatory and safety compliance requirements

# Related Products or Services

- IMPERVIUS™ UltraShield™ Modular Block
- IMPERVIUS™ AlphaShield™ Modular Lead Brick
- GUARDIAN™ Door Systems
- OCLIN Consulting
- Physics Design and Consultation