



**ULTRARAY**  
RADIATION PROTECTION

## High Density Concrete

Ultrarray Radiation Protection's High Density (HD) Concrete is an ideal choice of material for radiation shielding in various settings utilizing half the space of traditional concrete structure would, while providing twice the density. Its versatility in both application and usability matches conventional concrete, yet it provides a more effective shield for both neutron and gamma radiation.

Ultrarray can pour, pump or convey HD Concrete to produce custom castings, as well as pre-fabricated modular blocks. We will also custom formulate the most affordable solution for your specification using top quality minerals as aggregates.

HD Concrete eliminates the need for composite Lead Shields or Borated Polyethylene, and the blocks commonly serve as additions to vault upgrades where requirement for shielding escalates.

Ultrarray's most popular pre-fabricated HD blocks are Chevron (interlocking) and Flat (straight). Our space-saving modular units offer ease of installation when combined with matching density HD Grout.

As with all of our products, we offer custom sizes and densities.

