

# Advanced Armor Systems



Personnel Protection

Vehicle Armor

Aircraft Armor

Advanced Armor Technology

# Ceradyne – A Worldwide Leader in Advanced Ceramic Armor Technology

Ceradyne has been a leader in the manufacturing of advanced technical ceramics for ballistic applications since 1969. From the earliest application of ceramics in lightweight helicopter armoring, Ceradyne has provided innovative ballistic protection solutions that are the lightest and most durable armor systems available.

Today, Ceradyne's complete personnel and vehicle armor systems continue to protect the military forces of the United States and its allies worldwide. With vertically integrated manufacturing, state-of-the-art materials and innovative design, Ceradyne armor systems meet or exceed the most demanding ballistic protection requirements.



## Personnel Protection Systems

Single, double and triple curve plates and multi-hit systems featuring boron carbide and silicon carbide advanced ceramics.

## Vehicle Armor Systems

Vehicle armor component development and integration engineering that meets long term crew safety and survivability requirements for A-Kit and B-Kit installation.

## Aircraft Armor Systems

Seating, wing panels, structural components, and flooring kits for helicopter and fixed-wing aircraft applications.

## Advanced Armor Technology

Patented armor technology using boron carbide, silicon carbide, silicon nitride, aluminum oxide, aluminum nitride and titanium diboride in plate and round forms.





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