

# Ceramic Armor - Global Market Outlook (2018-2027)

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## Abstracts

According to Statistics MRC, the Global Ceramic Armor Market is accounted for \$1.65 billion in 2018 and is expected to reach \$3.67 billion by 2027 growing at a CAGR of 9.3% during the forecast period. Security concerns in developing regions, increasing demand for homeland security, and changing battlefield scenario are some of the factors fuelling the market growth. However, failure to provide complete protection and complexity of ceramic armour design is restricting the market growth.

Ceramic armor is commonly used in defence and security sectors. It is used in soft ballistic vests. Ceramic armor helps in defeating the high-velocity projectiles. It is a lightweight material, which guarantees durability and performance. The rise in advancements in the defense sector is expected to drive the demand for ceramic armor during the forecast period. Ceramic materials are generally a part of vehicle protection system and ballistic personal system. It is being used in the protection of individuals as well as vehicles, since decades. These are the hardest materials, and different than Kevlar using fibre to catch the bullet. Because of its strength, ceramic breaks the bullet.

Based on material, silicon carbide segment is estimated to have a lucrative growth due to the excessive demand for body armor providing higher defense and lower weight, and it is supreme for defending rifle bullets because of its superior strength and hardness. By Geography, North America is likely to have a huge demand due to the high demand for body armor from the defense as well as civilians and an increase in military spending by the US government.

Some of the key players profiled in the Ceramic Armor market include 3M Company, Armorstruxx LLC, Armorworks Enterprises, LLC, BAE Systems, Ceramtec, Cerco Corporation, Coorstek, Inc., FMS Enterprises Migun Ltd., Hard Shell, II-VI Incorporated, Koninklijke Ten Cate BV, Morgan Advanced Materials PLC, Point Blank Enterprises, Inc., SAAB AB, Safariland, LLC, Saint-Gobain, Schunk Carbon Technology, Seyntex

NV, Sinoarmor and SM Group.

Materials Covered:

Alumina

Aluminum Nitride

Boron Carbide

Ceramic Matrix Composite

Silicon Carbide

Titanium Boride

Other Materials

Types Covered:

Type I

Type II

Type II-A

Type III

Type III-A

Type VI

Distribution Channels Covered:

Off-Line

On-Line

Applications Covered:

Aircraft Armor

Body Armor

Defense Armor

Marine Armor

Vehicle Armor

Other Applications

End Users Covered:

Civilians

Defense

Homeland Security

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub-segments, and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic analysis: Drivers and Constraints, Product/Technology Analysis, Porter's five forces analysis, SWOT analysis, etc.

Strategic recommendations in key business segments based on the market estimations

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Company profiling with detailed strategies, financials, and recent developments

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Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

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Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

#### Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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**NOTE:** The tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

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