

## **Sandblasting Media Market Report and Forecast 2025-2034**

Market Report | 2025-08-11 | 150 pages | EMR Inc.

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### **Report description:**

The global sandblasting media market is expected to grow in the forecast period of 2025-2034 at a CAGR of 5.00%.

#### Extensive Use of Sandblasting in the Construction Industry Boosting the Growth of the Sandblasting Media Industry

The robust growth of the construction industry is propelling the market growth. Sandblasting is extensively used to harden the concrete surface on walls, patios, driveways, and floors. Moreover, it is also used to remove paint and expose aggregates. Metallic abrasives such as steel grits are used to treat the pipes, tubes, and steel structures. The increasing renovation and construction activities in both developed and developing countries owing to the inflating per-capita income and improving standards of living is surging the applications of sandblasting in surface texturing, therefore invigorating the market growth.

Aluminium oxide is associated with a variety of applications in stripping and preparing the surfaces of components. It is widely used in the automotive industry to treat parts of automobiles, including pistons, air brakes, cylinder, and valves, among others, which are augmenting the market growth for sandblasting media. In addition, the use of sandblasting for matt finishing and preparing for plasma deposition, welding, coating, metallising, and corrosion control in the construction and oil and gas is further bolstering the market growth. Moreover, the use of sandblasting media in cleaning smaller tools and machinery in both the commercial and residential sectors is contributing significantly to the industry growth.

#### Sandblasting Media: Market Segmentation

Sandblasting media, variously known as abrasive blasting material, is a process of surface treatment that is used under high pressure to smooth a rough surface or vice-versa. Sandblasting media is propelled by the use of pressurised fluid such as centrifugal wheel and compressed air.

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The major products of sandblasting media are:

- Aluminium Oxide
- Silicon Carbide
- Steel Grit
- Sodium Bicarbonate
- Steel Shot
- Glass
- Corn Cob
- Staurolite
- Nut Shells
- Coal Slag
- Copper Slag
- Si Sand
- Garnet
- Dry Ice
- Iron Slag
- Others

The market can be broadly categorised on the basis of its end use segments into:

- Automotive
- Construction
- Aerospace
- Marine
- Metalworking
- Others

The EMR report looks into the regional markets of sandblasting media like:

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

#### Sustainable and Eco-Friendly Properties of Steel Abrasive and Aluminium Oxide to Bolster the Market Growth

The increasing adoption of steel abrasive owing to recyclability and low waste generation is driving the growth of the sandblasting media industry. Moreover, the rising demand for high-precision industrial products is increasing the use of sandblasting media, consequently aiding the market growth. In addition, the use of cutting-edge technology and innovations are expected to boost the market growth in the forecast period. The trend of dustless blasting can remove old coatings quickly by providing a smooth and clean surface. Additionally, it can improve efficiency, enhance quality and lower production cost and time, which is providing further impetus to the growth of the sandblasting media industry.

Technological advancements have revolutionised and transformed various industries. The use of robotics blasting, which is a cutting-edge method for cleaning, preparing, and finishing metal surfaces efficiently, safely, and precisely to maximise

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productivity is anticipated to augment the industry growth. Moreover, it can remove the operator from the blasting environment while continuing operation. In addition, the remote control system can adjust the speed and path of nozzles while capturing as well as recycling airborne particles by the use of a dust collector and media reclaimer. This is expected to augment the market growth in the forecast period.

#### Key Industry Players in the Global Sandblasting Media Market

The report presents a detailed analysis of the following key players in the global sandblasting media market, looking into their capacity, market shares, and latest developments like capacity expansions, plant turnarounds, and mergers and acquisitions:

- Abrasives Inc.
- Blastech
- Crystal Mark Inc.
- Harsco Metals and Minerals
- Paul Auer GmbH
- Others

The comprehensive report looks into the macro and micro aspects of the industry. The EMR report gives an in-depth insight into the market by providing a SWOT analysis as well as an analysis of Porter's Five Forces model.

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