

# **Geosynthetic Clay Liner Market Size, Share & Trends Analysis Report By Application (Containment & Waste Water Treatment, Landfill, Roadways & Civil Construction), By Region, And Segment Forecasts, 2025 - 2030**

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## **Abstracts**

This report can be delivered to the clients within 8 Business Days

### **Geosynthetic Clay Liner Market Growth & Trends**

The global geosynthetic clay liner market size is estimated to reach USD 336.1 million by 2030, expanding at a CAGR of 5.7% from 2025 to 2030, according to a new report by Grand View Research, Inc. Geosynthetic clay liners are used as lining system in construction, mining and upstream oil & gas sectors on account of providing good self sealing property and excellent chemical resistance. Rising awareness towards environmental protection in mining industry is expected to increase the expenditure on landfill treatment and containment solutions which will remain a favorable factor.

Landfill dominated the market and accounted for a share of 48.7% in 2023 driven by the increasing volume of municipal and industrial waste requiring effective containment solutions. . In addition, GCLs are highly valued in landfills for their superior barrier properties, which prevents leachate leakage and saves groundwater from contamination.

### **Geosynthetic Clay Liner Market Report Highlights**

Landfill dominated the market and accounted for a share of 48.3% in 2024 driven by the increasing volume of municipal and industrial waste requiring

effective containment solutions.

Roadways & civil construction are expected to register the fastest-growing CAGR of 6.7% during the forecast period due to the increasing demand for infrastructure development and improved road durability.

Central & South America geosynthetic clay liner market is anticipated to witness a CAGR of 5.7% over the forecast period owing to huge investments in infrastructure and waste management.

Asia Pacific geosynthetic clay liner market is anticipated to witness significant growth due to rapid urbanization and expanding infrastructure projects across the region.

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