

Global Bentonite Geosynthetic Clay Liner (GCL) Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Bentonite Geosynthetic Clay Liner (GCL) market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Geosynthetic clay liners (GCLs) are factory manufactured hydraulic barriers consisting of a layer of bentonite or other very low-permeability material supported by geotextiles and/or geomembranes, mechanically held together by needling, stitching, or chemical adhesives. Due to environmental laws, any seepage from landfills must be collected and properly disposed of, otherwise contamination of the surrounding ground water could cause major environmental and/or ecological problems. The lower the hydraulic conductivity the more effective the GCL will be at retaining seepage inside of the landfill. Bentonite composed predominantly (>70%) of montmorillonite or other expansive clays, are preferred and most commonly used in GCLs. A general GCL construction would consist of two layers of geosynthetics stitched together enclosing a layer of natural or processed sodium bentonite. Typically, woven and/or non-woven textile geosynthetics are used, however polyethylene or geomembrane layers or geogrid geotextiles materials have also been incorporated into the design or in place of a textile layer to increase strength.

This report studies the global Bentonite Geosynthetic Clay Liner (GCL) production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Bentonite Geosynthetic Clay Liner (GCL), and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Bentonite Geosynthetic

Clay Liner (GCL) that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Bentonite Geosynthetic Clay Liner (GCL) total production and demand, 2018-2029, (M Sqm)

Global Bentonite Geosynthetic Clay Liner (GCL) total production value, 2018-2029, (USD Million)

Global Bentonite Geosynthetic Clay Liner (GCL) production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (M Sqm)

Global Bentonite Geosynthetic Clay Liner (GCL) consumption by region & country, CAGR, 2018-2029 & (M Sqm)

U.S. VS China: Bentonite Geosynthetic Clay Liner (GCL) domestic production, consumption, key domestic manufacturers and share

Global Bentonite Geosynthetic Clay Liner (GCL) production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (M Sqm)

Global Bentonite Geosynthetic Clay Liner (GCL) production by Type, production, value, CAGR, 2018-2029, (USD Million) & (M Sqm)

Global Bentonite Geosynthetic Clay Liner (GCL) production by Application production, value, CAGR, 2018-2029, (USD Million) & (M Sqm)

This reports profiles key players in the global Bentonite Geosynthetic Clay Liner (GCL) market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Solmax, NAUE, Terrafix Geosynthetics, CETCO (Minerals Technologies), Geofabrics, Ferguson Enterprises, AGRU, Kaytech and Eurobent, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices

used in analyzing the World Bentonite Geosynthetic Clay Liner (GCL) market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (M Sqm) and average price (USD/K Sqm) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Bentonite Geosynthetic Clay Liner (GCL) Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Bentonite Geosynthetic Clay Liner (GCL) Market, Segmentation by Type

Reinforced GCLs

Unreinforced GCLs

Global Bentonite Geosynthetic Clay Liner (GCL) Market, Segmentation by Application

Landfills

Agriculture

Mining

Ponds & Dams

Roads & Bridges

Others

Companies Profiled:

Solmax

NAUE

Terrafix Geosynthetics

CETCO (Minerals Technologies)

Geofabrics

Ferguson Enterprises

AGRU

Kaytech

Eurobent

Ashapura

Huesker

Layfield

ACE Geosynthetics

Nilex

JUTA

Officine Maccaferri

Atarfil

Feicheng Lianyi

Key Questions Answered

1. How big is the global Bentonite Geosynthetic Clay Liner (GCL) market?
2. What is the demand of the global Bentonite Geosynthetic Clay Liner (GCL) market?
3. What is the year over year growth of the global Bentonite Geosynthetic Clay Liner (GCL) market?
4. What is the production and production value of the global Bentonite Geosynthetic Clay Liner (GCL) market?
5. Who are the key producers in the global Bentonite Geosynthetic Clay Liner (GCL) market?
6. What are the growth factors driving the market demand?

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