

Global Bentonite Geosynthetic Clay Liner (GCL) Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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Abstracts

According to our (Global Info Research) latest study, the global Bentonite Geosynthetic Clay Liner (GCL) market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

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 is a detailed and comprehensive analysis for global Bentonite Geosynthetic Clay Liner (GCL) market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as

well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

Key Features:

Global Bentonite Geosynthetic Clay Liner (GCL) market size and forecasts, in consumption value (\$ Million), sales quantity (M Sqm), and average selling prices (USD/K Sqm), 2018-2029

Global Bentonite Geosynthetic Clay Liner (GCL) market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (M Sqm), and average selling prices (USD/K Sqm), 2018-2029

Global Bentonite Geosynthetic Clay Liner (GCL) market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (M Sqm), and average selling prices (USD/K Sqm), 2018-2029

Global Bentonite Geosynthetic Clay Liner (GCL) market shares of main players, shipments in revenue (\$ Million), sales quantity (M Sqm), and ASP (USD/K Sqm), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Bentonite Geosynthetic Clay Liner (GCL)

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report 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) and Geofabrics, etc.

This report also provides key insights about market drivers, restraints, opportunities,

new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Market Segmentation

Bentonite Geosynthetic Clay Liner (GCL) market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Reinforced GCLs

Unreinforced GCLs

Market segment by Application

Landfills

Agriculture

Mining

Ponds & Dams

Roads & Bridges

Others

Major players covered

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

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Bentonite Geosynthetic Clay Liner (GCL) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Bentonite Geosynthetic Clay Liner (GCL), with price, sales, revenue and global market share of Bentonite Geosynthetic Clay Liner (GCL) from 2018 to 2023.

Chapter 3, the Bentonite Geosynthetic Clay Liner (GCL) competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Bentonite Geosynthetic Clay Liner (GCL) breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Bentonite Geosynthetic Clay Liner (GCL) market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Bentonite Geosynthetic Clay Liner (GCL).

Chapter 14 and 15, to describe Bentonite Geosynthetic Clay Liner (GCL) sales channel,

distributors, customers, research findings and conclusion.

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