

# Global Calcium Oxide Expanding Agent Supply, Demand and Key Producers, 2026-2032

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## Abstracts

The global Calcium Oxide Expanding Agent market size is expected to reach \$ million by 2032, rising at a market growth of %CAGR during the forecast period (2026-2032). Calcium Oxide Expanding Agent is a specialty admixture made primarily from high-purity quicklime (CaO) that reacts with water to generate controlled expansion in cementitious systems, helping compensate for shrinkage, reduce cracking, and improve dimensional stability in concrete, grouts, and mortars. The supply chain begins with limestone mining and calcination in rotary or shaft kilns to produce CaO; the material is then finely ground, classified, and blended with performance modifiers depending on the required expansion rate. Manufacturers supply the product to distributors or directly to downstream users such as ready-mix concrete plants, precast concrete producers, grout formulators, and infrastructure contractors, where the agent is incorporated into mixes to enhance early-age expansion and long-term durability in tunnels, dams, foundations, and large structural pours. In 2024, global Calcium Oxide Expanding Agent production reached about 3.25 million tons against a capacity of 3.85 million tons, with an average price of USD 180?360 per ton. The industry operated with a stable 22% gross margin.

This report studies the global Calcium Oxide Expanding Agent production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Calcium Oxide Expanding Agent and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Calcium Oxide Expanding Agent that contribute to its increasing demand across many markets.

### Highlights and key features of the study

Global Calcium Oxide Expanding Agent total production and demand, 2021-2032, (Tons)

Global Calcium Oxide Expanding Agent total production value, 2021-2032, (USD Million)

Global Calcium Oxide Expanding Agent production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)

Global Calcium Oxide Expanding Agent consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: Calcium Oxide Expanding Agent domestic production, consumption, key domestic manufacturers and share

Global Calcium Oxide Expanding Agent production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global Calcium Oxide Expanding Agent production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global Calcium Oxide Expanding Agent production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global Calcium Oxide Expanding Agent 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 Carmeuse (Belgium), Lhoist (Belgium), Buxton Lime (UK), Graymont (Canada), Austin White Lime (USA), Mississippi Lime (USA), Greer Lime Company (USA), Kish Company (USA), Chemical-Huitong (China), Changshu Hongyu Calcium (China), etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Calcium Oxide Expanding Agent market

### **Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Calcium Oxide Expanding Agent Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Calcium Oxide Expanding Agent Market, Segmentation by Type:

Low-Expansion Grade (0.02?0.05%)

Medium-Expansion Grade (0.05?0.10%)

High-Expansion Grade (0.10?0.20%)

#### Global Calcium Oxide Expanding Agent Market, Segmentation by Hydration Reactivity:

Fast-Hydration

Controlled-Hydration

Delayed-Hydration

#### Global Calcium Oxide Expanding Agent Market, Segmentation by Application:

Precast Concrete Production

On-Site Construction Formwork

#### **Companies Profiled:**

Carmeuse (Belgium)

Lhoist (Belgium)

Buxton Lime (UK)

Graymont (Canada)

Austin White Lime (USA)

Mississippi Lime (USA)

Greer Lime Company (USA)

Kish Company (USA)

Chemical-Huitong (China)

Changshu Hongyu Calcium (China)

Runfu Ca Mg Chemical (China)

Shandong Useen Calcium (China)

**Key Questions Answered:**

1. How big is the global Calcium Oxide Expanding Agent market?
2. What is the demand of the global Calcium Oxide Expanding Agent market?
3. What is the year over year growth of the global Calcium Oxide Expanding Agent market?
4. What is the production and production value of the global Calcium Oxide Expanding Agent market?
5. Who are the key producers in the global Calcium Oxide Expanding Agent market?
6. What are the growth factors driving the market demand?

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