Magnesium Oxide Building Materials

Learn about magnesium oxide and why it is a unique building material

Mining

Extracting

Producing

Building

Advantages

Magnesium oxide is used in several applications due to its unique properties:
- Completely recyclable, easy to use
- Cost-effective compared to other building materials
- Reliable solution for construction
- Reduce the carbon footprint and usage of water

Applications

Magnesium Oxide 45%
Wood Chips 15%
Glass Cloth 1%
Glass Wool 5%

Carbon footprint

Magnesium oxide products are 100% recyclable and produce goods with a low carbon footprint.

In 2018, the global cost of magnesium oxide was valued at approximately USD 1 billion.

Electrical

Magnesium oxide is widely used in electrical components and circuit breakers due to its high electrical conductivity.

Source: Magnesium Oxide Market: Refractories to 2024 - Global Industry Analysis and Opportunity Assessment; Remain Prominent Consumer during the Forecast Period; Source: Magnesium Oxide Market: Refractories to 2024 - Global Industry Analysis and Opportunity Assessment; Source: Magnesium Oxide Market: Refractories to 2024 - Global Industry Analysis and Opportunity Assessment.