

# GROUND CALCIUM CARBONATE

*HIGHLY VERSATILE MILLED LIMESTONE*



## PRODUCT INFORMATION

Typical Ranges

### Chemistry

92-97%  $\text{CaCO}_3$   
Under 3%  $\text{MgCO}_3$   
Under 2%  $\text{SiO}_2$

### Sizing

4 Mesh down to 7 microns

Product specifications vary by location.  
For the product typicals for a specific  
location, please contact us at:  
[salesinquiries@carmeuse.com](mailto:salesinquiries@carmeuse.com)

Carmeuse is a leading producer of ground calcium carbonate (GCC). Calcium carbonate ( $\text{CaCO}_3$ ) is a common chemical compound making up 4% of the Earth's crust and often is found in limestone. Calcium carbonate is an extremely versatile material used in carpet and luxury vinyl tile, paint, adhesives, paper, plastics, rubber, asphalt roofing, glass, utilities (FGT), and many agricultural applications.

## GROUND CALCIUM CARBONATE IN BUILDING MATERIALS

The manufacturing and development of building materials requires that you carefully consider every aspect that goes into your production. Whether you are looking to add strength and durability to a finished product or reduce its overall cost and environmental impact by displacing less desirable ingredients, ground calcium carbonate is a solution for:

- Improving quality and versatility while lowering cost of resilient, vinyl and carpet flooring
- Improving the performance of mortar, plaster, and joint compounds
- Lowering the cost while improving the durability and strength of asphalt-based roofing materials
- Lowering the cost while reducing carbon emissions up to 15% cement replacement in concrete

PREMIACAL<sup>®</sup> is ground calcium carbonate specifically engineered for use in concrete. As production and availability of previously abundant supplemental cementitious materials has changed drastically, it is time to consider a more consistent replacement. *Premiacal*, by Carmeuse, was designed to provide consistent results along with reliable supply. *Premiacal* can improve durability, strength, and provide cost savings when working with concrete applications.

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## OTHER APPLICATIONS FOR GCC

Ground calcium carbonate is suited to a wide range of applications across industries. Some examples include:

- Increasing soil fertility by raising pH levels, helping to improve crop yields
- Improving animal feed formulations by adding calcium
- Added to liquid asphalt in road paving to improve the adhesion between the asphalt binder and the aggregate, reducing the potential for rutting and cracking

## PRODUCT BENEFITS

- High CaCO<sub>3</sub> purity for consistent and quality compounds
- Cuts costs by reducing active ingredients needed while adding desirable characteristics such as energy efficiency, fire retarding, sound proofing, strength, and durability
- Multiple product offerings certified 100% pre consumer recycled content for sustainability
- Dry bulk handling equipment systems and services offered

Carmeuse is your trusted partner from source to solution with our End-2-End Services offering providing raw materials, freight & logistics support, and lime handling systems. Every step of the way, we go above and beyond to make things simple for our customers and we have the expertise to help in whatever you may need from choosing the correct raw material to maintaining your lime system.

PLEASE CONTACT US VIA EMAIL OR PHONE AND WE CAN RECOMMEND A PRODUCT TO BEST MEET YOUR NEEDS.

[salesinquiries@carmeuse.com](mailto:salesinquiries@carmeuse.com)  
**1-866-780-0974**

### CARMEUSE

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## PRODUCT LOCATIONS

USA

LONGVIEW OPERATION  
Saginaw, Alabama

CHATSWORTH OPERATION  
Chatsworth, Georgia

ELIJAY OPERATION  
Elijay, Georgia

PORTAGE OPERATION  
Portage, Indiana

SAVAGE OPERATION  
Savage, Minnesota

LUTTRELL OPERATION  
Luttrell, Tennessee

JAMES RIVER OPERATION  
Buchanan, Virginia

WINCHESTER OPERATION  
Clearbrook, Virginia

MIDDLETOWN OPERATION  
Middletown, Virginia

CANADA

BEACHVILLE OPERATION  
Ingersoll, Ontario

For a full listing of products available at each location:

**VISIT OUR WEBSITE**

All data shown is for illustration purposes only. Actual product specifications can vary based on several different factors. Carmeuse does not warrant or guarantee the accuracy of the above-referenced data, and will not be liable for any loss or damage arising out of the use thereof. The information contained herein is offered for the user's consideration, examination, and determination of suitability.

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