



CEMENT & CONCRETE

SUPPORTING LOWER-CARBON CONSTRUCTION

Ocean-harvested oolitic aragonite is a reactive calcium source that enhances cement performance and supports sustainable, low-carbon building.



NATURAL MINERAL



OCEAN RENEWED



CARBON NEGATIVE POSITIONING



HIGH PURITY CaCO_3

IN THE CEMENT PROCESS



Aragonite (CaCO_3)



Raw Meal Grinding



Kiln Calcination
($\text{CaCO}_3 \rightarrow \text{CaO} + \text{CO}_2$)



Clinker Production



Cement for Stronger, More Durable Concrete



Aragonite's high reactivity supports efficient calcination, consistent raw meal chemistry, and high-quality clinker production.

KEY BENEFITS



Reactive calcium source
Enhances raw meal reactivity and kiln efficiency



Supports clinker formation
Contributes to consistent clinker chemistry



Improves strength development
Supports performance in concrete applications



Enables lower-carbon construction
Supports SCM blends and carbon reduction strategies



Durable & long-lasting performance
Improves density, durability, and service life



PREMIUM OOLITIC ARAGONITE

High purity. High reactivity.
Proven performance in cement and concrete.

SUSTAINABILITY IMPACT

Aragonite supports the cement industry's commitment to a more sustainable future.

Potential CO_2 Reduction

Up to

5%

in optimized cement systems

CONTRIBUTING TO LOWER-CARBON SOLUTIONS



Carbon Reduction Potential
Optimized use can help reduce process emissions and overall carbon footprint.



Enables Green Cement & Concrete
Ideal for SCM-compatible mixes and innovative low-carbon formulations.



Sustainable by Nature
Ocean-renewed, abundantly available, and responsibly harvested.



Building a Better Future
Supporting resilient infrastructure and environmentally responsible construction.

APPLICATIONS



INFRASTRUCTURE

Bridges, Roads, Tunnels



COMMERCIAL & RESIDENTIAL

Buildings, High-Rise, Housing



PRECAST CONCRETE

Pavers, Blocks, Panels, Pipes



READY-MIX CONCRETE

Consistent Strength, Workability & Durability



MARINE & COASTAL CONSTRUCTION

Corrosion Resistance, Long-Term Performance



OCEAN RENEWED



CARBON NEGATIVE POSITIONING



HIGH PURITY CaCO_3



36,000+ TONS AVAILABLE

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