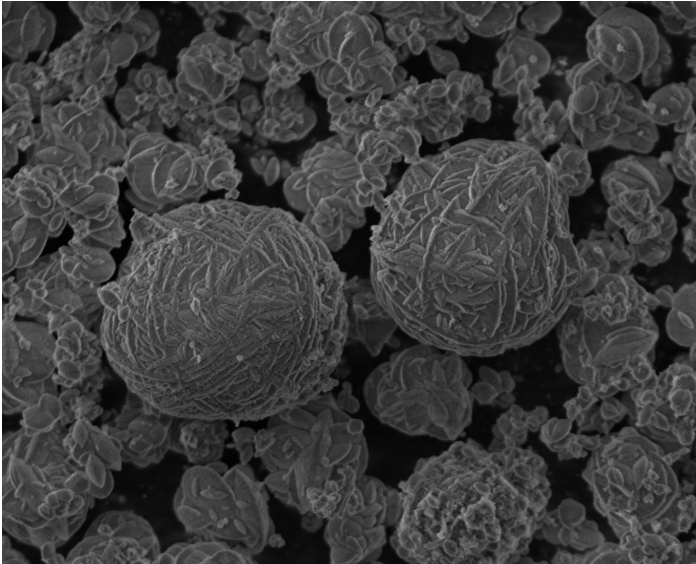




ReAct is a highly engineered green cement product that is developed through Fortera's patented ReCarb® process. The ReCarb process mineralizes CO₂ into cementitious product solutions that can be tailored to cement producers business needs and market requirements.

ReAct Blend



Fineness and morphology are designed to increase packing efficiency, accelerate cement hydration, and improve workability.

ReAct Product Range	Fine	Coarser
BET Surface Area (m ² /g)	5 – 7	0.9 – 1.9
D ₁₀ (µm)	2.5 – 4	10 – 13
D ₅₀ (µm)	5 – 7.5	19 – 24
D ₉₀ (µm)	9 – 12	31 – 36

Key Benefits

- Low Clinker Blend
- Ample Surface Area for Nucleation Effect
- Improved Particle Packing
- Faster Strength Gain
- Strong Reactivity with Alumina

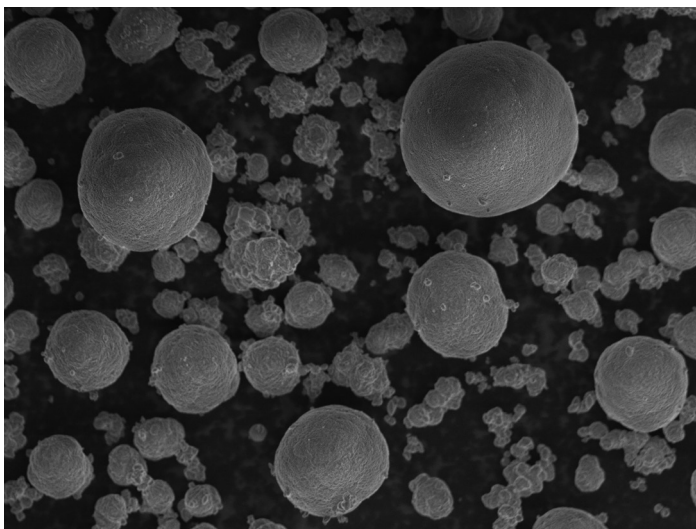
Applications

- Portland Limestone Cement
- PLC Enhancer
- LC³ Enabled
- Slag Extender
- Fly Ash Extender

ASTM

C150, C595, C1157

ReAct Pure



Binder based on the transformation of vaterite to aragonite or calcite, which has been successfully utilized to manufacture building materials.

ReAct Product Range	Pure
Function	Cement
BET Surface Area (m ² /g)	1 – 3
D ₁₀ (µm)	7 – 10
D ₅₀ (µm)	14 – 18
D ₉₀ (µm)	23 – 28

Key Benefits

- High CO₂ Avoidance
- Good Strength to Weight Ratio
- Rapid Curing at Elevated Temperatures
- Dimensionally Stable
- Superior Whiteness

Applications

- Fiber-Cement Board
- Lightweight Aggregate

ASTM

- C330 - LW Aggregate
- C1288 - Fiber-Cement Boards

The technical data provided here relates only to the specific material designated herein and does not relate to use of this material in combination with any other material or in any process. Fortera makes no guarantees with respect to the accuracy of this information and assumes no liability in connection with the use of the information contained herein. Any party using this product should review all such laws, rules, or regulations prior to use, including but not limited to federal, provincial, state and local regulations. Nothing in this sheet should be construed as legal advice or as insuring compliance with any federal, state or local laws or regulations. This document provides no warranties, express or implied, of merchantability, fitness for a particular purpose or otherwise. Please refer to Fortera's standard conditions of sale. ReAct™ are used, applied for, or registered as trademarks of Fortera for calcium carbonate in various countries around the world.