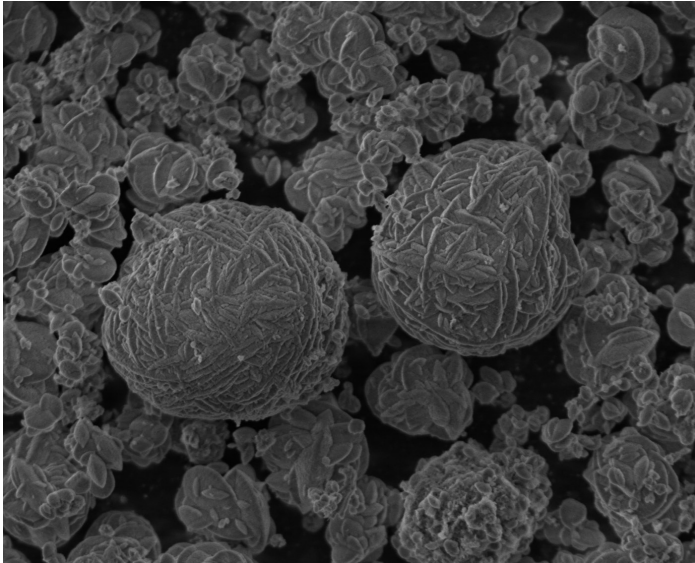




TM ReAct is a highly engineered green cement product that is developed through Fortera's patented ReCarb® process. The ReCarb process mineralizes CO₂ into cementitious product solutions that can be tailored to cement producers business needs and market requirements.

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

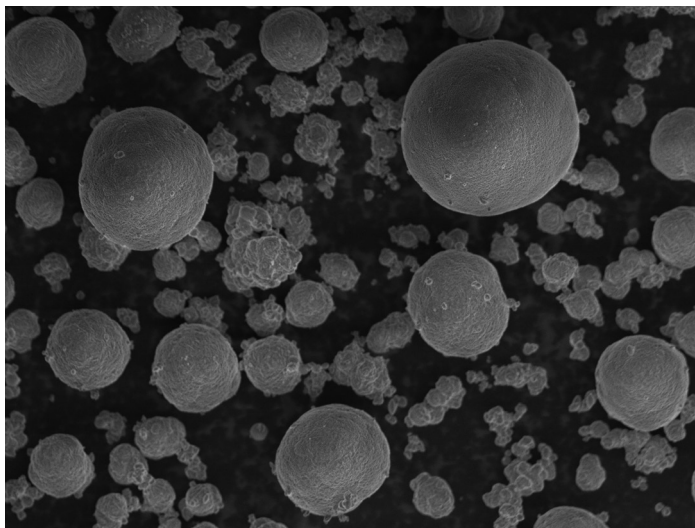
Applications

- 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

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