



# ReAct<sup>®</sup> Blend

## LC<sup>3</sup> Enabled

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### Usages

VC<sup>3</sup>: Vaterite Calcined Clay Cement

VC<sup>2</sup>: Blended SCM of Vaterite and Calcined Clay

### Compressive Strengths

Increased Early-Age Strength

### Workability

Improved workability; decreases high-range water reducer demand.

### Durability

Better Sulfate Resistance

### Cement Replacement

15–25%

### ASTM

C595 or C1157

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ReAct<sup>®</sup> is a white reactive calcium carbonate that offers cement producers a unique opportunity, an additional cementitious material on site.

### + Business Applications

Ready-mix concrete, precast components, mortars such as tile adhesives, and building chemistry applications.

### + Key Benefits

Improved Particle Packing

More Homogeneous Cement Paste Microstructure

Water Reduction

Improved Workability & Lower Permeability

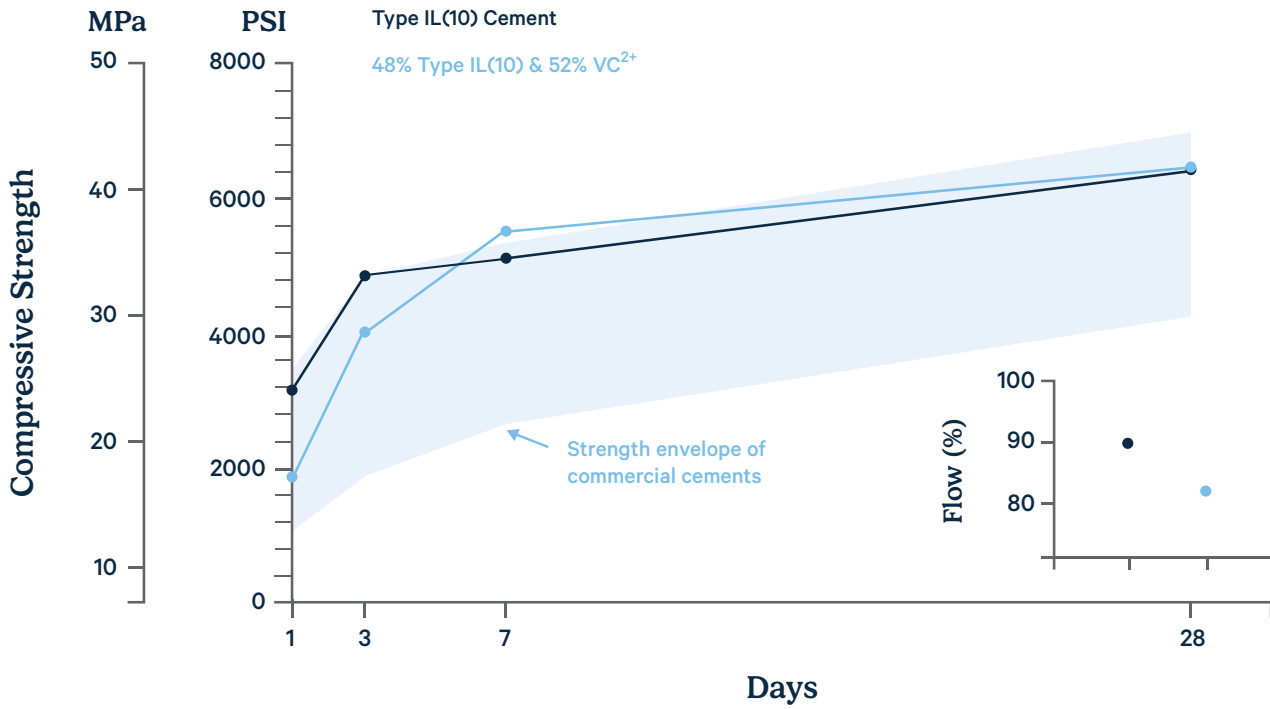
Enhanced Degree of Hydration

Increased Early-Age Strength

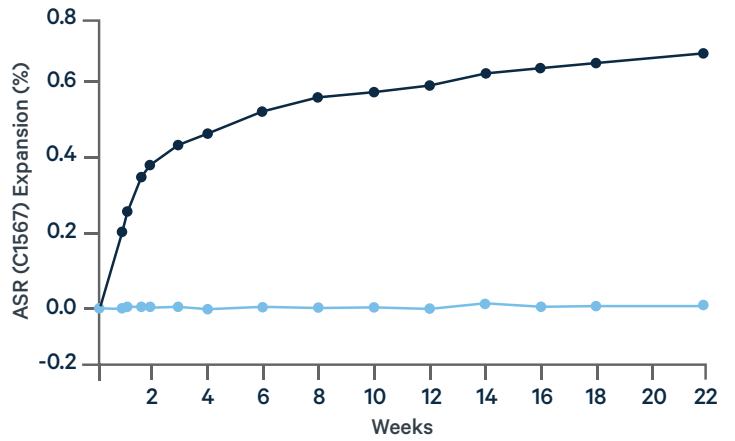
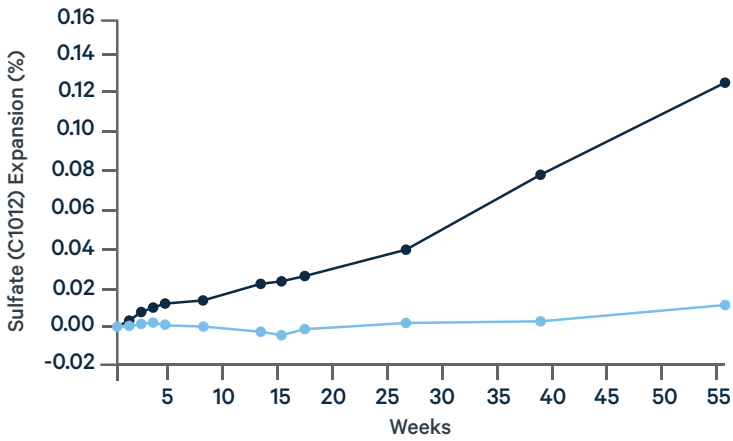
Reduced Carbon Intensity of Binder

Easy to Blend and Handle

# LC<sup>3</sup> Enabled



The vaterite-calcined clay pre-blend allows clinker cut < 50% and increases early-age strength.



VC<sup>3</sup> cements demonstrate exceptional longterm durability. Expansion due to sulfate attack or alkali-silica reaction (ASR) is eliminated.