



# ReAct<sup>®</sup> Blend

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

---

### 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

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 assumes no liability in connection with the use of the information contained herein. Nothing in this sheet should be construed as ensuring 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 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

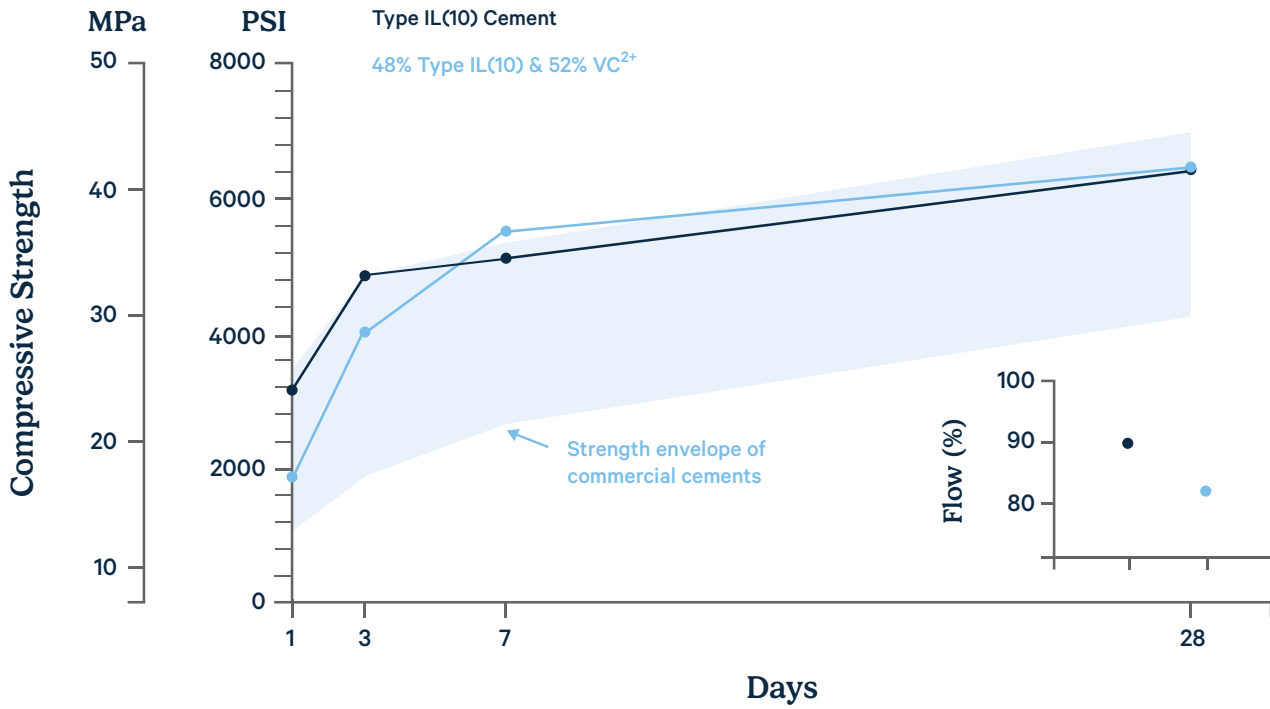
Enhanced Degree of Hydration

Increased Early-Age Strength

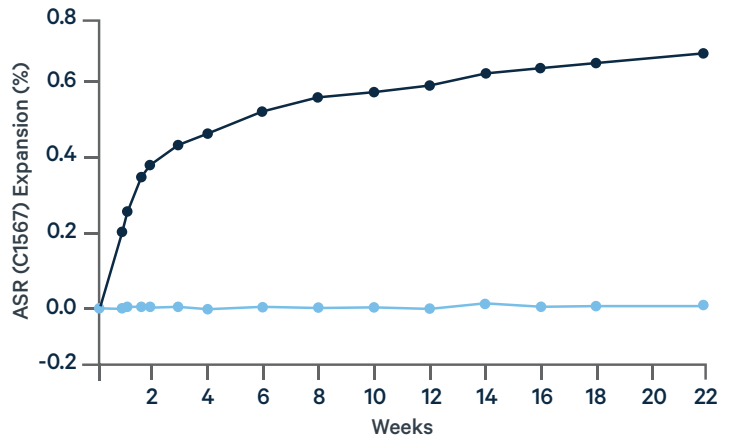
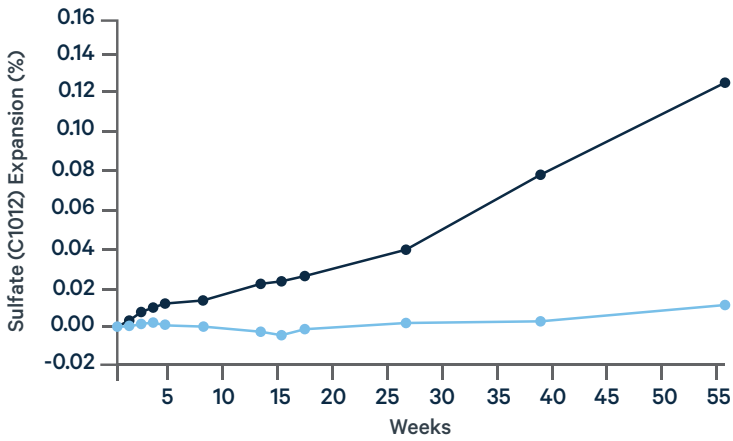
Reduced Carbon Intensity of Binder

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.