

ReAct[®] cement products

Built for every concrete mix. ReAct is the all-in-one solution that reduces concrete project CO₂ emissions by up to 70% while improving overall product performance.

100% REPLACEMENT

ReAct Cement

ASTM C1157

A **100% replacement** for OPC that is bright white and is engineered for superior early strength, rapid set control, and long-term durability.

Key Benefits:

- Bright white color
- Improved durability
- Faster strength gain
- Lower water usage
- High CO₂ avoidance

Applications:

- Ready-Mix concrete
- Precast concrete
- Manufactured building materials

Typical Performance Properties

Color	Ultra White (Whiteness Scale 95 – 99)
1-Day Strength	4,300 psi
28-Day Strength	4,300 psi
Initial Set	210 minutes (adjustable depending on application)
Final Set	260 minutes



PERFORMANCE ENHANCING SUPPLEMENT

ReAct Blend

ASTM C150, C595, C1157, C1797

A **20%, 15%, or 10% replacement** for OPC, engineered for seamless integration to improve workability and boost compressive strength.

Key Benefits:

- Cost-effective OPC replacement
- Higher early-age strength
- Improved rheology & finishability
- Reduced shrinkage
- Lower CO₂

Applications:

- Portland-Limestone cement
- PLC Extender
- LC³ Enabled
- Slag Extender
- Fly Ash Extender

Typical Performance Properties

Color	Natural White (Whiteness Scale 85 – 95)
1-Day Strength	1,700 psi
28-Day Strength	6,300 psi
Initial Set	275 minutes (± 15 minutes of baseline)
Final Set	390 minutes (± 15 minutes of baseline)

* Based on 15% ReAct Blend in substitution of Type I-II cement



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