

ReAct[®] Blend

Fly Ash Extender

Usages

Synergy with Coal Ash as SCM

Compressive Strengths

Increased Early-Age Strength

Set Times

Replacing 10% of the binder that was fly ash with ReAct decreases the initial set time by 20 minutes, or 10%.

Workability

Same Workability

Cement Replacement

10–20%

ASTM

C595 or C1157

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ReAct[®] fly ash extender is a white reactive calcium carbonate that can be used with SCM to design low clinker mixes for early strength and flow.

+ Business Applications

Pumped concrete, mass concrete (low heat), resistance to ASR, geotechnical applications, and sulfate resistance.

+ Key Benefits

Improved Particle Packing

More Homogeneous Cement Paste Microstructure

Water Reduction

Improved Workability & Lower Permeability

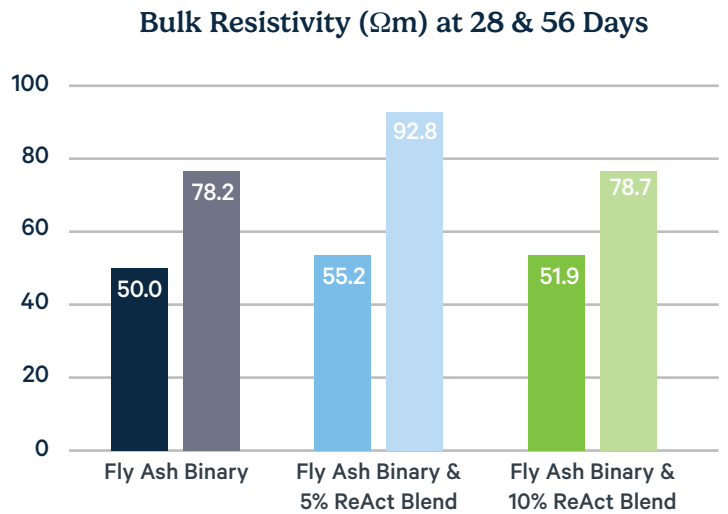
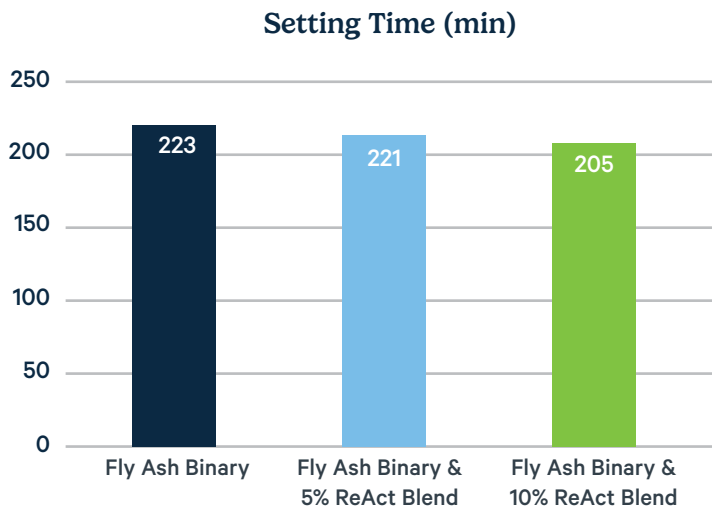
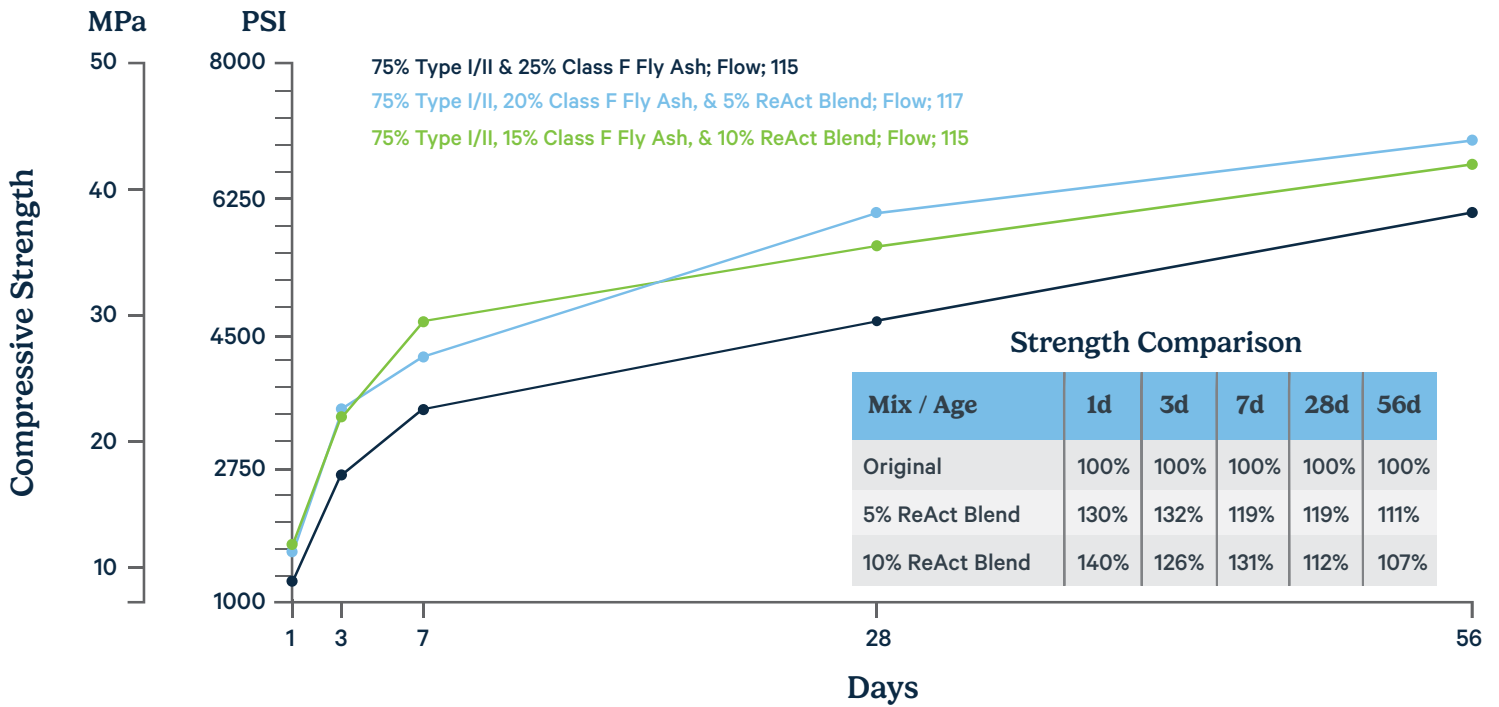
Enhanced Degree of Hydration

Increased Early-Age Strength

Reduced Carbon Intensity of Binder

Easy to Blend and Handle

Fly Ash Extender



A higher value of bulk resistivity reflects a materials higher durability.