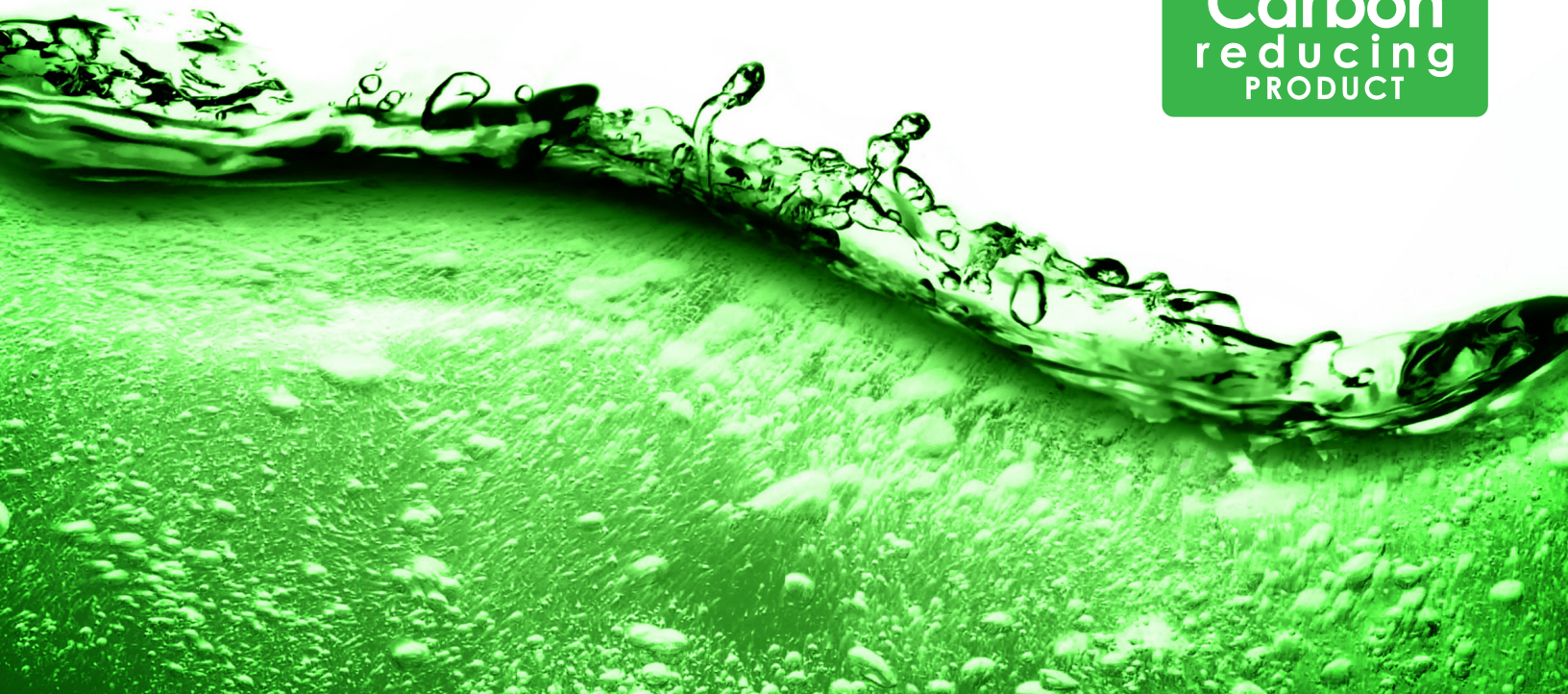




E5 LIQUID FLY ASH

E5 RCS Technology facilitates Portland Cement reduction up to 15% and eliminates the use of SCM's like fly ash, slag or silica fume in ready mix concrete.



Control the consistency, Control the mix, Control the concrete.



Description

E5 Liquid Fly Ash integral admixture is a silicate-free, liquid pozzolan replacement, employed in conjunction with an adjusted quantity of coarse and fine aggregates to maintain the concrete properties and volume of fly ash in the mix design. **E5 LFA** increases ultimate strength, improves workability and decreases permeability and efflorescence. The result is a more consistent high-quality, user friendly concrete regardless of geography, season or application.

E5 LFA is engineered to exacting standards to deliver predictable results every mix, unlike recycled fly ash materials which vary greatly in availability, cost, composition and quality. **E5 LFA** improves air quality and worker safety in the ready-mix plant, compared with inconsistent and more difficult to employ CCR (Coal Combustion Residue) alternatives.

E5 RCS Technology increases pozzolanic reactivity to form permanent, insoluble bonds in Portland Cement Concrete (PCC). **E5 LFA** reduces air entrainment issues commonly associated with fly ash use. Consistency in production and placement improve finish quality and extend the in-service life of concrete.

Features

- Engineered liquid admixture
- Superior concrete finish-ability
- Higher pozzolanic reactivity than fly ash
- Promotes secondary C-S-H development
- Up to 15% cement reduction

Sustainability Benefits

- Reduces cementitious volume required
- Zero VOC Formula
- Non-hazardous
- Bio-degradable

Dosage

Consult Specification Products for dosing requirements. Can be used in conjunction with all E5 admixtures and systems.

Mixing

Required dosage should be introduced in the concrete truck at the ready mix location. Allow for proper mixing at the plant before leaving for the project.

Packaging

Size	Gallons
Drum	55
Tote	275
Tanker	4,500

Storage Instructions

Do not break seal until product is ready for use. Maintain unused product in the original container. Store in a well-ventilated, cool, dry location and maintain temperatures between 40° – 100°F (4°– 38°C). This product has a shelf life of 14 months in its original unopened container.

Benefits

- Predictable performance
- Improved finish and reduced re-work
- Reduced efflorescence
- Increased ultimate strength
- Environmentally friendly, lowers CO² contribution

Concrete Production

- Consistent availability and cost
- No negative affect on air-entraining admixtures
- Simplifies quality control adjustments
- Eliminates the need for dedicated fly ash silo



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