

PRODUCT DESCRIPTION

LSA™ ready to-use, liquid admixture is designed to make more uniform and predictable quality concrete while accelerating setting time and strength development. LSA™ admixture meets ASTM C 494/C 494M requirements for Type C, accelerating, and Type E, water-reducing and accelerating, admixtures.

PRODUCT FEATURES

- Improved workability
- Reduced segregation
- Superior finishing characteristics for flatwork and cast surfaces
- Reduced water content required for a given workability
- Retarded setting characteristics
- Moderate to extended retardation – depending on the addition rate
- Full-Form deflection can take place (before concrete sets) in extended pours for bridge decks, cantilevers, non-shored structural elements, etc.

PRODUCT USES

- Improved workability
- Superior finishing characteristics for flatwork and cast surfaces
- Earlier finishing of slabs – reduced labor costs
- Reduced protection time in cold weather
- Earlier stripping and reuse of forms
- Earlier structural use of concrete, as in lift-slab, tilt-up, paving and floors
- Easy to disperse in concrete mixtures, avoiding many of the problems associated with flake calcium

APPLICATION

Recommended for use in:

- Fast-track concrete construction
- Non-reinforced concrete
- Lightweight concrete
- 4x4™ Concrete
- Pervious concrete
- Self-consolidating concrete (SCC)

HOW TO USE

DOSAGE

This admixture is used within the range of 1-4 L/100 kg of cement for most concrete mixtures using average concrete ingredients. Because of variations in job conditions and concrete materials, dosage rates other than the recommended amounts may be required. In such cases, contact your local sales representative. As the dosage of LSA™ admixture increases up to 4 L/100 kg of cement, acceleration of setting time usually continues to increase. The larger dosage also increases early and ultimate strengths.

SHELF LIFE

LSR™ admixture has a minimum shelf life of 18 months. Depending on storage conditions, the shelf life may be greater than stated. Please contact AFZIR regarding suitability for use and dosage recommendations if the shelf life of LSR™ admixture has been exceeded.



Liquid-Form-Set-Accelerating - LSA™

STORAGE

LSA™ admixture should be stored above freezing temperatures. If LSA™ admixture freezes, thaw at 2 °C or above and completely reconstitute by mild mechanical agitation.

Do not use pressurized air for agitation.

PACKAGING

LSA™ admixture is supplied in 208 L drums, 1040 L totes and by bulk delivery.

DISCLAIMER OF LIABILITY

AFZIR, LLC warrants its products to be free from manufacturing defects. Buyer determines suitability of product for use and assumes all risks. Buyer's sole remedy shall be limited to replacement of product. Any claim for breach of this warranty must be brought within six months of the date of purchase.

AFZIR shall not be liable for any consequential or special damages of any kind, resulting from any claim or breach of warranty, breach of contract, negligence or any legal theory.

The Buyer, by accepting the products described herein, agrees to be responsible for thoroughly testing any application to determine its suitability before committing to production.