Product Data Sheet

ISO SRA 2800

Shrinkage Reducing Admixture
ASTM C494 Type S

Characteristics

ISO SRA 2800 is a shrinkage reducing admixture designed for use in concrete construction. The product does not reduce shrinkage by expansion, rather, it reduces the surface tension of the pore water in the concrete.

Application

ISO SRA 2800 is used for:

- Normal weight and lightweight concrete for conventional, pre-cast, and pre-stressed construction

Product Information

Technical Data

Density (70 °F): 8.24 ± lbs. / gallon (0.987 ± kg/L)
Color and form: clear liquid

Typical dosage: 0.125 – 2.00 gallons / yd^3 of concrete (0.6 – 7.5 L / m^3 of concrete)

A wider range of dosage may be determined acceptable. It is recommended that testing be performed using locally available materials and anticipated conditions to determine the optimal performance characteristics.

This product contains no intentionally added chloride.

Compatibility & Batching Sequence

ISO SRA 2800 is compatible with most of the other Cemex chemical admixtures provided that they are added to the batch separately and do not come into contact with one another before or during the mixing process. If the concrete mixture will utilize high range water reducing admixtures, a poly-carboxylate ether based product is recommended.

ISO SRA 2800 can generally be added to the mixture at any point in the batching process as long as it is added after the cement and water are mixed. The timing of the addition may be altered if better performance is determined during trial batches with local materials.

The **ISO SRA 2800** should be considered part of the batch water and therefore should be used in the calculation of the water to cementitious materials ratio for the concrete mixture design. It is recommended that the water content be reduced by 8.3 lbs. per gallon of ISO SRA 2800 in order to maintain the specified water to cementitious ratio in the concrete.

Specifications

ISO SRA 2800 meets the requirements of *Specification for Chemical Admixtures for Concrete,* ASTM Designation C494 Type S admixture.

Storage

- Keep storage containers and tanks tightly closed.
- Protect product from freezing, extreme heat, and direct sunlight. The product will freeze below 27 °F (-1 °C).
- If the product freezes it can be returned to normal effectiveness with thawing and mild agitation.
- The product has a minimum shelf life of 12 months under normal storage conditions. Depending on storage conditions, the shelf life may be greater than stated. Please contact your local sales representative regarding suitability for use and dosage recommendations if the shelf life has been exceeded.
- This product has a flash point of 201 °F. This product is a potentially combustible material with a flash point of 201 °F (94 °C). This is substantially above the upper limit of 140 °F (60 °C) for classification as a flammable material, and above the limit of 200 °F (93 °C) where DOT requirements would classify this as a combustible material. Nonetheless, this product must be treated with care and protected from excessive heat, open flame or sparks. For more information refer to the Safety Data Sheet.

Legal Disclaimer

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