

Product Data Sheet

ISOXEL 5400

Accelerator
ASTM C494 Type C

Characteristics

ISOXEL 5400 is an organic, chloride-free, accelerating admixture, which is specifically formulated to reduce setting time and increase the early-age strengths of concrete.

Application

ISOXEL 5400 is used for:

- Accelerated set and early-age strength gain in cast-in-place concreting applications and pre-cast concrete operation

Product Information

Technical Data

Density (70 °F): 11.74 ± lbs. / gallon (1.41 ± kg/L)

Color and form: clear liquid

Recommended range of dosage:

Typical use: 10 – 100 fl. oz. / 100 lbs. (650 – 6500 mL / 100 kg) of cement content may be used depending on the results of testing with local materials under anticipated conditions to determine the optimal performance characteristics.

ISOXEL 5400 is used as a universal set accelerator for all cementitious systems.

Important note: Use of an accelerator is not a substitute for employing proper cold weather concrete curing methods.

This product contains no intentionally added chloride.

Compatibility & Batching Sequence

ISOXEL 5400 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.

ISOXEL 5400 is generally recommended to be added to the concrete near the end of the batching process to obtain the best performance. The timing of the addition may be altered if better performance is determined during trial batches with local materials.

Specifications

ISOXEL 5400 meets the requirements of Standard *Specification for Chemical Admixtures for Concrete*, ASTM Designation C494 Type C.

Storage

- Keep storage containers and tanks tightly closed.
- Protect product from freezing, extreme heat, and direct sunlight.
- 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.

Legal Disclaimer

Cemex warrants that the products identified are in accordance with the appropriate current ASTM and Federal Specifications. No one is authorized to make any modifications or addition to this warranty. Cemex makes no warranty or representation, either expressed or implied with respect to this product and disclaims any implied warranty of merchantability or fitness for a particular purpose.

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