

TECHNICAL INFORMATION

KER-AD F 460

Cement Admixture

505-26410-900



DESCRIPTION

Ker-Ad F 460 is a chloride-free, hi-range water-reducing and plasticizer liquid admixture that improves concrete strength and workability without changing its setting time. Meets ASTM C494.

USE

Use it to make concrete mixes with a low water-cement ratio to improve its fluidity and setting, for an easier placement. It also increases its compression strength, concrete's final density and other mechanical properties, and reduces permeability.

PROPERTIES

SPECIAL PROPERTIES

Appearance	Dark brown
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PHYSICAL PROPERTIES

DATA

Density (Kg/m ³)	1100
Zahn cup # 2 Viscosity (s)	24
pH	6.0

CONTAINERS AND COLORS

AVAILABLE CONTAINERS

4 liter plastic can (1.06 gallon)

5 gallon plastic can (18.925 Lt.)

55-gallon plasticdrum (208 Lt.)

1000 kg. tote tank

PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Product: 505-26440-900, KER-AD F 440	Ready to use, do not	Stir well before use dilute

These technical data were calculated under controlled laboratory conditions, but SUR QUIMICA has no control over conditions, tools, applicator skills, selection, preparation, or compatibility of products used; therefore, can only guarantee this product quality, its features and qualities' suitability, but is not responsible for the results obtained in conditions impossible to check once the job has been done. SUR QUIMICA has made reasonable efforts to ensure the accuracy of the information provided here, but assumes no responsibility for any error, omission, or inaccuracy in it. If there is any inconsistency between different language issues of this document, Spanish version will prevail.



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PRODUCT APPLICATION

Application Instructions

To use it as a plasticizer, add 2 to 4 ml of this admixture for each kilogram of cement in the final process of concrete mixing.

Mix at least for 3 more minutes.

For use as a water reducer, at up to 30% of the mix design water, add 6 to 12 mL of admixture per kilogram of cement.

Add this additive after the aggregates were mixed with water.

NOTICE

- ✓ Every time, necessary tests must be carried out to determine the optimal dosage, according to the materials and conditions found in the project.
- ✓ Do not add this admixture directly to cement or to dry aggregates.
- ✓ If you need more information, check our website <https://www.gruposur.com/asistencia/>
- ✓ Container must be kept out of reach of children, tightly closed in a ventilated place, away from sunlight or intense heat, between 20 and 30°C

HEALTH

- ✓ The user of this product may need the appropriate Personal Protection Equipment (PPE), as described in its Safety data Sheet (MSDS), available at <http://www.gruposur.com>
- ✓ If you need to dispose of empty containers of our products in Costa Rica, contact your SUR store or our industrial compound in La Uruca, San Jose

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