

505–26461–900

DESCRIPTION

KER – AD F 461 is a liquid additive for concrete, free of chlorides, high-range water reducer and superplasticizer, specially designed to produce precast concrete elements and industrialized processes. It improves the concrete’s resistance and its workability without affecting the mixture setting time. Meets ASTM C494.

USO

This additive is especially designed for precast concrete plants ideal for making precast elements, where making concrete mixtures with a low water/cement ratio is required. It improves its fluidity, increases the settlement and compressive strength, the concrete’s final density and other mechanical properties, reduces permeability and facilitates its pumping and casting.

PROPERTIES

SPECIAL PROPERTIES

Appearance	Dark brown
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PHYSICAL PROPERTIES

DATA

Density (Kg/m ³)	1078 kg/m ³
Copa Zahn # 2 Viscosity (s)	15.31
pH	5.55

CONTAINERS AND COLORS

AVAILABLE CONTAINERS

- 4 liter plastic can (1.06 gallon)
- 5 gallon plastic can (18.925 Lt.)
- 55-gallon plastic drum (208 Lt.)
- 1000 kg. tote tank

PRODUCT PREPARATION

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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COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Product: 505-26461-900, KER – AD F 461	Do not dilute	Stir well before use

Application Instructions

APPLICATION TOOL

Spray Backpack Sprayer Airless equipment

Application Instructions

To use this product as a plasticizer, add 2 to 4 ml of additive per kilogram of cement in the final step of the concrete mix.

To use it as a water reducer, up to 30% of the water in the mix design, add 6 to 12 ml of additive per kilogram of cement.

Add the additive after the aggregates were mixed with water.

Dilute the additive in the last 10% of the water of the mix.

Mix for at least 3 more minutes.

NOTICE

- ✓ Every time, the necessary tests must be carried out to determine the optimal dosage, according to the materials and conditions found there.
- ✓ Do not add additive directly to the cement or to the dry aggregate.
- ✓ 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,

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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