

TECHNICAL INFORMATION

KER-AD D 440

Water Reducer Admixture

505-26440-900



DESCRIPTION

Ker-Ad D 440 is a chloride-free, water-reducing liquid admixture that improves concrete strength and workability, retards setting and increases its workability period.

USE

Use in concrete to increase its setting period and improving its workability. It also optimizes water/cement ratio, facilitates the pouring of the mix, improves its mechanical properties, increases its density, and reduces its permeability when hardened.

PROPERTIES

SPECIAL PROPERTIES

Appearance	Dark brown
------------	------------

PHYSICAL PROPERTIES

DATA

Density (Kg/m ³)	1228
Zahn cup # 2 Viscosity (s)	16
pH	8.55

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

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Product: 505-26440-900, KER-AD D 410	Ready to use, do not dilute	Stir well before use

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.



Versión 1.0 del: Jun 6/3/2019
3 2019 2:04PM



TECHNICAL INFORMATION

KER-AD D 440

Water Reducer Admixture

505-26440-900



PRODUCT APPLICATION

Application Instructions

To use it as a plasticizer, add 3 to 6 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 20% of the mix design water, add 4 to 8 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

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.



Versión 1.0 del: Jun 6/3/2019
3 2019 2:04PM

