



IKSA Construction Chemicals & Concrete Additives

Mebusevleri İller Sk. 23/1
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IKSASET-L QUICK SETTING AGENT FOR CONCRETE

DESCRIPTION

IKSASET L is a ready to use, quick setting agent for concrete.

STANDARTS

IKSASET-L conforms to ASTM C494-81 type C and EN 934-2 Table:6.

APPLICATION

IKSASET L is widely used as when quick setting is required as in the case of underground works.

ADVANTAGES:

IKSASET L furnishes:

- Quick setting and high initial strength with respect to the dosage used.
- Reduction of gauging water.
- Prevention of washing out of cement in underwater applications.
- Early form release.

METHOD OF APPLICATION

IKSASET L is supplied as ready for use. It should be mixed into the gauging water. Dosage is between 2 to 7% of cement by weight. This might be increased for quicker setting time requirements.

TYPICAL TEST RESULTS

Some of the typical test results with **IKSASET L** and cement (with no sand) are in the following:

Iksaset/

Water ratio	Initial Set	Final Set
1/0	2 min	4 min
1/3	4 min	10 min
1/5	6 min	20 min

Comparison of **IKSASET L** added versus normal concrete:

Composition with **IKSASET L** :

Portland Cement	300kg
Sand, 0-7mm	35%
Gravel, 10mm	15%
Gravel, 20mm	50%
Iksaset L	6kg

Mix	Water/ Cement ratio	Setting Time	
		Initial	Final
Normal	0,59	4'30"	6'30"
With Iksaset	0,59	1'30"	3'30"

When used in increased dosage, small quantities of concrete to be prepared and used in short time.

PHYSICAL PROPERTIES

Type	: Naftalin Sulphonate based.
Appearance	: Dark brown colored liquid
Density (ca.)	: 1,20±0, 03kg/L
pH	: 6,50 – 8,00
Chloride content	: ≤ 0.1% (EN 480-10)
Na ₂ O equivalent	: ≤ 10% (EN 480-12)

PACKING

IKSASET L is supplied in 7,5kg or 35kg plastic, 250kg steel drums, 1250kg cubitainers and bulk.

STORAGE



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IKSAMENT MR-25 has 1 year shelf life in sealed and undamaged containers. The storage is to be done in places protected against freezing. Very slow thawing is possible with less than 50°C never through direct flame. **IKSASET L** has 2 years shelf life in unopened and undamaged containers. It should be protected against freezing.

The details for our products and their possible uses indicated above should be understood as advisory only, to the best of our knowledge. The details does not constitute any guarantee or legal commitment and must be verified for each individual application.