



İKSA Construction Chemicals & Concrete Additives

Mebusevleri Mah. İller Sk. 23/5
Çankaya 06580 - ANKARA
Tel : (+90 312) 212 99 90 pbx
Fax : (+90 312) 212 99 89

İKSARETARD

Retarder for concrete, grouting and injection

DESCRIPTION

İKSARETARD is a retarding admixture for cement based mortars, based on modified phosphates.

STANDARDS:

İKSARETARD conforms to ASTM C494 type B and EN 934-2 Table:8 Retarder admixture. İKSARETARD is signed with the CE marking according to the technical requirements of the European Standard EN934-2:2009+A2:2012. Certification No: 1783-CPR-001

APPLICATION

İKSARETARD is used in cases where extended setting times required as pumping the concrete to long distances, grouting and injection applications, targeting setting at the same time in large volumes of concrete placing. Avoiding setting at work breaks when form work does not proceed. Avoiding air bubbles in placed concrete through vibration.

ADVANTAGES:

- Extension of setting time in line with dosage used.
- Improved workability in fresh concrete.
- Elimination of air bubbles.
- Increasing final strength upon complete setting.
- Increasing adhesion.

METHOD OF APPLICATION

İKSARETARD is mixed into the gauging water. The factors affecting the setting time are temperature, water/cement ratio, cement dosage in unit volume, etc. The optimum dosage should be determined through the tests at jobsite. Range of dosage is between 0.2 to 2% of cement weight. Depending on cement type and ambient temperature can be provided from 3 to 36 hour delay in the initial set

PHYSICAL PROPERTIES

Type	: modified phosphates.
Appearance	: Transparent liquid
Density (ca.)	: 1.20 ± 0.03 kg/L
pH	: 6,00 – 7,00
Na ₂ O equivalent	: ≤ 10% (EN 480-12)

PACKING

İKSARETARD is supplied in 35kg plastic and 250kg steel drums.

STORAGE:

İKSARETARD has 2 years shelf life in unopened and undamaged containers. It should be protected against freezing. Thawing is possible under 50°C and should be done gradually, never through direct flame.

SAFETY

İKSARETARD is a neutral liquid. There are no substances harmful to human health and the environment in the structure. During application suitable protective clothing, gloves, goggles and masks should be used. Avoid contact with eyes and skin products. Contact area should be washed with water in case of contact, should consult a doctor if swallowed. For further information, Safety Data Sheet (MSDS) should be consulted. *The information provided on our product represents our latest data and general advice we got. These details should not be perceived as a legal commitment, and should be confirmed by examining separately for each application.*