

INNO-MIX FOX ADMENT FM716

Curing Retardant, High Rate Water Reducer, Super Plasticizer Concrete Admixture

Description

FOX ADMENT FM716, is a naphthalene sulfonate based, highly water reducing superplasticizer additive material that improves the early and final strength of concrete.

In compliance with TS EN - 934 - 2: T11.1/T11.2 standards.

Fields of Application

- Where workability and high strength are required in hot weather conditions,
- In pre-stressed, precast and ready-mixed concrete applications,
- Construction and mining applications

Advantages

- Increases the protection of the concrete's consistency in hot weather
- Enables manufacturing at lower costs at higher productivity rates
- While allowing rapid production, it provides results in front of the production program with early strength.

For fresh concrete;

- Controlled curing time
- Cohesive and non-decomposing concrete
- Minimum water vomiting

For hardened concrete;

- Higher early strength compared to conventional water-cutting additives
- High ultimate compressive strength
- High elasticity module
- Increasing the adherence of concrete with reinforcement
- Low permeability
- High durability
- Low shrinkage and creep

Technical Data

Structure of Material	Naphthalene Sulphonate Based
Color	Brown
Specific weight	1,148 - 1,208 kg/liter
pH value	5 - 7
Alkali Content	≤5,00% (weight)
Chlorine ion content	≤0,10% (weight)

The above values are given for +23°C and 50% relative humidity. High temperatures shorten the time, low temperatures extend the time

Compatibility with Other Materials

- **FOX ADMENT FM716** additive can be used with all cement in EN 197 standard. For use with other special cements, please consult to Technical Service of **SARTECH Yapı Malzemeleri San. ve Tic. Ltd. Sti.**
- **FOX ADMENT FM716** additive should not be mixed with other additives beforehand. If other additives are used in a concrete containing **FOX ADMENT FM716** additives, these must be added to the mixture separately.
- In environments with high temperature and high air flow; it should be used by selecting the appropriate curing material from **FOX PL-CURE FR811**, **FOX HYDROCURE FR761**, **FOX ACURE FR570** and **FOX P-CURE FR515** to prevent evaporation of the mixing water in the concrete.
- **FOX ADMENT FM716** additive is not compatible with **FOX ADMENT PC FM300** (Polycarboxylic ether based) series additives. In addition, when it is necessary to use with special additives, it is important to conduct a laboratory trial to determine the relevant dosages and usability of the concrete in fresh and hardened conditions before any application. For more suggestions in these cases, we recommend you to contact the SARTECH Yapı Malzemeleri San. ve Tic. Ltd. Sti. Technical Service Department of the Construction Chemicals Department.



Application

FOX ADMENT FM716 is a ready-to-use additive which is added to the concrete mixture as a separate component. The best performance is achieved if **FOX ADMENT FM716** is dispersed into the concrete mixture after the first 80% of the mixing water is added (when all solid components are wet). Adding additives to dry aggregates should be avoided.

Coverage

FOX ADMENT FM716 is recommended to be between 1,0 – 2,0 kg per 100 kg of cement. Consumptions given are for normal use, do not imply absolute limits. For use dosage recommendations in special cases, we recommend that you consult the Technical Service of SARTECH Yapı Malzemeleri San. ve Tic. Ltd. To ensure optimum dosage and effect, the results of the trial mixes should be considered.

Package

1200 kg IBC

Shelf Life

When stored properly at room temperature, away from direct sunlight, between +5°C and +30°C, shelf life is 12 months from the date of production.

Storage

It should be stored in its original package, in a cool and dry place, away from direct sunlight and protected from frost. In short-term storage, shipment must be made with the first-in, first-out system. In long-term storage, pallets should not be placed on top of each other.

Safety Precautions

It is dangerous to approach the storage and application areas with fire. Storage and application areas should be ventilated.

During the application, work clothes, protective gloves, goggles, masks in accordance with the occupational health and safety rules should be used. During storage and application, the material should not be contacted with the skin and eyes, if contacted, should be washed immediately with plenty of water and soap, and if swallowed, should be sought medical attention immediately. Foods and drinks should not be taken into the application areas. The material should be stored out of the reach of children.

For detailed information, please refer to the Material Safety Data Sheet.

Disclaimer

The data contained in this technical document is based on our scientific and practical knowledge. SARTECH Yapı Malzemeleri San. ve Tic. Ltd Şti. is only responsible for the quality of the product. From the results that may occur due to misuse and other than written suggestions about where and how to use the product, SARTECH Yapı Malzemeleri San. ve Tic. Ltd Şti. cannot be held responsible. The responsibility of the correct application of our product belongs to the user. Our company is only responsible for the quality of the product. This technical form is valid only till a new version is implemented and nullifies the old ones. Our company has the right to make changes in all kinds of information and content details in this catalog. It is imperative to check that the information in the catalog is current and valid. All rights reserved.

