

Satex FM150

High range water reducing / superplasticizing concrete admixture
 (ASTM C 494 TYPE F, TS-EN 934-2 Table 3.1 and 3.2)

Properties

Satex FM150 is a superplasticizer that is used for high performance concrete / precast element production, at cold climates; for saving from steam and placing energy, for high early strength and water tightness.

It increases water tightness and density of concrete by providing dispersion of the cement in concrete homogenously and reducing water demand of concrete between 12 to 30%.

Satex FM150 provides excellent soaking of fine and coarse aggregates, cement and mineral additives in concrete. It increases concrete compressive strength and durability.

It prevents risk of concrete segregation by improving rheoplastic properties of concrete. Satex FM150 works in harmony with every type of cement and mineral additives.

Area of applications

It is suitable for precast concrete production, harbours, tunnels, bridges and treatment plants,

Product Data

Colour	Brown
Density	1.21 ± 0.03 g/cm ³
pH	4 - 13
Chemical base	Polynaphthalene sulphonate based
Chloride content	EN 480-10: <0.1%

Working instructions

Concrete admixture should be added to the remaining 1/4 of water after 3/4 of concrete mixing water had been added to concrete.

Consumption

0,6 to 2,0% by weight of cement.
 Recommended admixture dosage is 0,8 - 1,6%.

Delivery and storage

Packaging:

Satex FM150 is delivered in;

Bulk	15-26 tons / tanker
IBC	1200 kg
Drum	250 kg
Pail	30 kg

Storage:

One year from date of production if stored properly in unopened packaging in dry conditions at temperatures between +5°C and +35°C. It should be shaken / stirred before using.

Warning

Before using our presented product, please carry out your own laboratory trial tests. Use protective clothes, gloves and glasses while using concrete admixtures. It should not contact skin and eyes. In case it contacts to skin and eyes, rinse it with water and ask for medical help.

Notes

This data sheet is based on comprehensive experiences, intends to inform to the best knowledge, is not legally binding and does not constitute a contractual legal relationship or a side obligation from the purchase agreement. We guarantee for the quality of our product under our terms and conditions of sale and purchase. In to reduce the risk of error, limiting information is also stated. We reserve the right to make changes representing technical progress. This data sheet supersedes all earlier technical data on this product.