

Satex FM125

**High range water reducing / superplasticizing and set retarding concrete admixture
(ASTM C 494 TYPE G, TS-EN 934-2 Table 11.1and 11.2)**

Properties

Satex FM125 is a super plasticizer with retardation effect specially designed for hot climates.

It reduces water demand of concrete by 12 - 30%. It extends workability time of concrete at ready mixed concrete plants and project sites. For this reason it allows concrete to be pumped long distances and to be placed in formwork at fluid consistency.

It increases water tightness and density of concrete by providing dispersion of the cement in concrete homogenously.

Satex FM125 provides excellent soaking of fine and coarse aggregates, cement and mineral additives in concrete. It decreases heat of hydration of cement because of its retarding effect. High final strength is obtained due to retardation.

It works in harmony with every type of cement and mineral additives.

Area of applications

It is suitable for ready mixed concrete production, mass concreting and at hot climates.

Product Data

Colour	Brown
Density	1.20 ± 0.03 g/cm ³
pH	6 - 9
Solid content	42% ± 5%
Chemical base	Poly 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 1,8% by weight of cement.
Recommended admixture dosage is 0,8 - 1,6%.

Delivery and storage

Packaging:

Satex FM125 is delivered in;
Bulk 15-26 tons / bulk
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.