

Satex Flow 500

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

Properties

Satex Flow 500 is a polycarboxilic ether based new generation plasticizer for self compacting concrete (SCC).

New generation concrete admixture that increases early and final strengths of high performance concrete (C30-C100) by high range water reducing and provides long time (30-180 min.) workability.

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 40%.

Satex Flow 500 provides excellent cement hydration while keeping long time concrete workability. Since the hardening of concrete is slow at initial hours, its final strength and durability increase.

It gives rheoplastic properties to concrete and provides concrete placing and compacting into the formworks by itself without any risk of segregation.

Area of applications

It is suitable for the constructions where self compacting concrete is required. It is ready mixed concrete production and for large scale projects. It is used for the concrete classes where early and final high strength is required and provide economy from energy.

Product Data

Colour	Light brown
Density	1.075 ± 0.02 g/cm ³
pH	4 - 9
Chemical base	Polycarboxilic ether 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 - 1,4%.

Delivery and storage

Packaging:

Satex Flow 500 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.