

# Satex Flow 600

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

## Properties

Satex Flow 600 is a polycarboxilic ether based new generation plasticizer.

It helps saving from steam energy at precast concrete production by providing early and final high strengths at high performance concretes (C30-C100).

Satex Flow 600 protects concrete against freezing by increasing hydration process of concrete in cold climates.

It allows effective use of formwork by providing high early strength (14-24 h).

Satex Flow 600 improves concrete cohesion and therefore makes concrete pouring possible without any risk of concrete segregation and a smooth surface without any colour differentiation can be obtained.

It contributes to the production of self compacting concrete by giving fluidity energy to the concretes with very low water/cement ratio (0,25-0,32). It provides economy from placing energy.

Satex Flow 600 works in harmony with mineral additives.

## 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 600 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.

## 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.

## Area of applications

It is used at cold climates, for concrete with high early strength is required and for precast concrete production. It provides saving from steam and placing energy. Suitable for structures requiring high durability, chemical plants, the structures exposed to aggressive waters, treatment plants, harbours.

## 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.

## Product Data

Colour	Light brown
Density	1.07 ± 0.02 g/cm <sup>3</sup>
pH	6 - 9
Solid content	28% ± 5%
Chemical base	Polycarboxilic ether based
Chloride content	EN 480-10: <0.1%