

# Satex BV20

## Water reducing set retarding concrete admixture (ASTM C 494 TYPE A, TS-EN 934-2 Table 10)

### Properties

Satex BV20 is a set retarding plasticizer that reduces water demand of concrete by 5-14% and is used at hot climates in order to extend workability time of concrete.

It is a set retarding plasticizer that extends the workability time of concrete depending on the dosage.

It reduces water/cement ratio of concrete.

Satex BV20 increases fluidity and density of concrete by providing dispersion of the cement.

It provides excellent soaking of fine and coarse aggregates and other constituents of concrete and allows them to be covered by cement particles homogeneously.

Satex BV20 provides excellent soaking of fine and coarse aggregates and other constituents of concrete and allows them to be covered by cement particles homogeneously.

It prevents risk of concrete segregation.

It works with every type of cement.

### Area of applications

Satex BV20 is used at ready mixed concrete plant/projects, for long distance transportation of concrete, for mass concreting, for extending concrete setting time. To produce post tensioned precast elements, concretes of which strength required to be increased, for producing all kind of construction elements.

### Product Data

Colour	Brown
Density	1.19 ± 0.05 g/cm <sup>3</sup>
pH	6 -9
Solid content	36% ± 5%
Chemical base	Modified lignosulphonate
Chloride content	Chloride free

### 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

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

### Delivery and storage

#### Packaging:

Satex BV20 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.