

Satex Liquid SC

Sprayed concrete (shotcrete) admixture

Properties

Satex Liquid SC a set accelerating admixture for wet system sprayed concrete (shotcrete). Satex Liquid SC provides quick hardening and early strength gain of shotcrete by reacting with cement. The accelerating effect of the admixture depends on the freshness and content of cement, layer thickness, temperature of shotcrete and surface to be sprayed and also shotcrete equipment.

Area of applications

It is used shotcrete applications, slope and rock stabilization, tunnels, mine quarries

Product Data

Appearance, Colour	Light yellow, liquid
Density	1.41 ± 0.03 g/cm ³
pH	6 - 14
Chemical base	Aluminum sulphate
Chloride ion content (EN 480-10,%)	<0,1
Ministry of Settlement Pose No.04.613/5	

Working instructions

Satex Liquid SC is added into the concrete by a suitable dosage system.

Consumption

The admixture dosage should be determined related with expected concrete performance. It can be used at 3,0-8,0% dosage rates by weight of binder. The admixture dosage could be changed and it depends on the properties of aggregate and binders, ambient temperature and water / binder ratio. It is recommended to adjust the optimum admixture dosage by pre-trials at the laboratory

Delivery and storage

Packaging:

Satex Liquid SC is delivered in;	
Bulk	15-26 tons / bulk
IBC	1200 kg
Drum	250 kg
Pail	30 kg

Shelf Life and Storage:

If stored properly in undamaged original sealed packaging in dry and cool conditions at temperatures between +5°C and +35°C, the shelf life is 12 months. Protect from direct sunlight and frost. Shake / stir before use.

Compatibility

Satex Liquid SC may be combined with below Satex admixtures. Laboratory trials are always recommended before combining products.

- Satex VZ
- Satex Pump
- Satex Flow
- Satex Antifrost

Safety, Ecology, Disposal

Keep it away from children. Wear protective gloves, clothes and glasses. Avoid contact with skin and eyes. In case of contact rinse thoroughly with water and ask for medical help. For more information: see Material Safety Data Sheet (MSDS)

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.