

CRETOPLAST SL-01 CON. 35% SPL

Admixture in accordance with NEN-EN 934-2



0956-CPR-1501

CRETOPLAST SL-01 is a super plasticizer with a strong dispersant effect, which greatly increases the workability of the cement mortar and/or makes considerable water reductions possible.

CRETOPLAST SL-01 is a pure super plasticizer and consequently ideal for briefly (approx. 30 minutes) greatly improving the flow. The lack of, for example, retardant components makes CRETOPLAST SL-01 also ideal for the precast concrete products industry.

CRETOPLAST SL-01 has no influence on the chemical reaction of the cement paste and can be applied in combination with all sorts of cement types in accordance with NEN-EN 934-2.

Benefits of use

Workability	Fresh concrete with a very low water cement ratio can be used as a cast concrete, enabling complex shuttering systems with dense reinforcements to be filled up.
Strength	Due to the very low water cement ratio high initial and final strengths can be realized.
Durability	The very dense structure of the concrete increases the durability of the concrete.
Cement saver	Intended strengths can be realized with considerably less cement.
Compaction	The high workability requires minimum compaction for optimal density.
Shuttering removal	High initial strength makes it possible to remove the shuttering more quickly, enabling shuttering to be used more effectively.

Product properties

Product name	CRETOPLAST SL-01	
Category	Superplasticizer	
Manufacturer / Supplier	CUGLA	
Colour code	Grey	
Effective component	Naphtahalene sulfonate	
Aggregation state	Fluid	
Colour	Brown	
Soluble in water	Yes	
Concentration	%	35
pH		3 - 8
Density	kg/l	1,17 ± 0,03
Dry material content	%	35 ± 1,75
Total chlorine	%	< 0,1
Water soluble chloride	%	< 0,1
Alkali content	%	5,0

Processing and dosage instructions

Manner / moment of dosage	Preferably add to the last measure of mixing water		
Recommended dosage	Depending on the desired consistency		
Maximum recommended dosage	1.2 % with regard to cement weight (1025 cc per 100 kg cement). For specific applications a higher dosage can be used in consultation with Cugla		
Processing temperature	5 - 30 °C		
Shelf life and storage	Up to 1 year after manufacturing date in sealed package, frost-free, >5°C		
Suitable for use in	Non-Reinforced concrete Reinforced concrete Pre-stressed concrete		
Not compatible with	Aluminium cement: only in consultation with Cugla Other admixtures: only in consultation with Cugla		
Admixture concentration		%	35
Maximum recommended dosage		% by mass of cement	1,2
		cc per 100 kg cement	1025
	For dosage higher than the maximum recommended dosage, please contact the Cugla Product Manager for advice		

Packaging

In cans, barrels, containers and/or bulk

Health and environmental factors

Cugla recommends that when using Cugla admixtures:

- Should the product come in contact with eyes, rinse immediately with water and seek medical advice.
- Should the product come in contact with skin, wash immediately with soap and water.
- Should you feel ill, consult a doctor, showing him/her this sheet or the safety information sheet.

Safety data sheets, SDS, are available via our website www.cugla.com.

Changes to this document will not automatically be issued. Any previous product information hereby becomes null and void. The above data is provided to the best of our knowledge. The tests have been carried out under laboratory conditions. We will not accept any liability for the results achieved on the work, now that we have no influence on the process nor the specific conditions of the work.

Our general sales, delivery and payment conditions apply to all our transactions and are available at www.cugla.com.