

CUGLA® CRETOLENT F CON. 8% BT

Admixture in accordance with NEN-EN 934-2



0956-CPR-1501

CRETOLENT F is a retardant admixtures based on phosphate which helps to delay the onset of setting.

With CRETOLENT F it is possible under specific and special circumstances to produce high-grade concrete. The setting retardation effect of CRETOLENT F can, for example, overcome long transport, waiting and processing times. This prevents undesired construction joints appearing in the concrete structures.

Benefits of use

Workability	Longer workability, also with high temperatures.
Strength	Due to the delayed initial setting there is a higher final strength compared to regular concrete.
Appearance	Visible construction joints in the poured concrete can be prevented by the retardant effect of CRETOLENT F.
Hydration temperature	The hydration temperature is spread out, making the peak temperature less.

Product properties

Product name	CUGLA CRETOLENT F BT			
Category	Retardant			
Manufacturer/supplier	CUGLA			
Colour code	Red			
Active component	Posphates			
Physical state	Fluid			
Colour	Transparent			
Soluble in water	Yes			
Concentration	%	25	8	
pH		9,8 - 11,8	9 - 11	
Absolute density	kg/l	1,24 ± 0,03	1,06 ± 0,02	
Dry material content	%	25 ± 1,25	8 ± 0,8	
Total chlorine	%	< 0,1	< 0,1	
Water soluble chlorine	%	< 0,1	< 0,1	
Alkaline content	%	10,0	4	

Use and dosage instructions

Manner / moment of dosage	Preferably add to the last part of the mixing water			
Recommended dosage	Depending on the desired consistency of the concrete			
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			
Concentration	%	25	8	
Maximum recommended dosage	% by mass of cement	2,0	2,0	
	cc per 100 kg cement	1610	1886	
	For dosing higher than the maximum recommended dosage, please contact the Product Manager of Cugla 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.

For detailed information we refer to the safety data sheet, SDS Cretolent F con.25% BT, on our website.

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.