

CUGLA® HC con.45% PL

Admixture in accordance with NEN-EN 934-2



0956-CPR-1501

Due to the prolonged plasticising effect, Cugla HC increases the workability of the cement bentonite grout, making it easy to pour.

The retardant properties of Cugla HC make it perfectly applicable for filling recesses, sheet piling and other applications.

Benefits of use

- CUGLA HC increases the workability in combination with an increase of the processing time.
- Excellent retarding properties
- Perfectly applicable in cement-bentonite applications.
- The water-reducing effect greatly increases strength.
- The reduces water cement ratio produces a denser structure which increases durability

Product properties

Productname	CUGLA HC PL			
Category	Water reducing/plasticising admixture			
Manufacturer/supplier	CUGLA			
Colour code	Yellow			
Active component	Lignosulfonate			
Physical state	Fluid			
Colour	Brown			
Soluble in water	Yes			
Concentration	%	45		
pH		5 - 9		
Density	kg/l	1,17 ± 0,03		
Dry material content	%	35 ± 1,75		
Total chlorine	%	< 0,1		
Water-soluble chloride	%	< 0,01		
Alkaline content	%	3,0		

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 mortar/concrete				
Setting 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 Other admixtures				
Concentration		%	45		
Maximum dosage		% by mass of cement	0,5		
		cc per 100 kg cement	400		
	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.

For detailed information we refer to the safety data sheet, SDS Cugla HC con.45% PL, 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.