

## CUGLA® BV con.35% PL

Admixture in accordance with NEN-EN 934-2



0956-CPR-1501

Thanks to its long term plasticizing effect CUGLA BV has increased the workability of the fresh concrete, making it easier to pour.

The intended slump can be realized with less mixing water, resulting in a reduced water cement factor which increases the final strength and durability.

### Benefits of use

<b>Workability</b>	Increased and longer workability with same water dosage.
<b>Strength</b>	The water-reducing effect greatly increases strength.
<b>Durability</b>	The reduced water cement ratio produces a denser concrete structure which increases durability.
<b>Cement saver</b>	With the same water cement ratio the intended strength can be achieved with less cement.
<b>Compaction</b>	The increased workability requires less compaction energy.

### Product properties

<b>Product name</b>	CUGLA BV con.35% PL			
<b>Category</b>	Plastisizer			
<b>Manufacturer/supplier</b>	CUGLA			
<b>Colour code</b>	Yellow			
<b>Active component</b>	Lignosulfonate			
<b>Physical state</b>	Fluid			
<b>Colour</b>	Brown			
<b>Soluble in water</b>	Yes			
<b>Concentration</b>	%	35		
<b>pH</b>		5 - 9		
<b>Absolute density</b>	kg/l	1,17 ± 0,03		
<b>Dry material content</b>	%	35 ± 1,75		
<b>Total chlorine</b>	%	<0,1		
<b>Water soluble chlorine</b>	%	< 0,1		
<b>Alkaline content</b>	%	3,0		

### Use and dosage instructions

<b>Manner / moment of dosage</b>	Preferably add to the last part of the mixing water			
<b>Recommended dosage</b>	Depending on the desired consistency of the concrete			
<b>Processing temperature</b>	5 - 30 °C			
<b>Shelf life and storage</b>	1 Up to 1 year after manufacturing date in sealed package, frost-free, >5°C			
<b>Suitable for use in</b>	Non-reinforced concrete Reinforced concrete Pre-stressed concrete			
<b>Not compatible with</b>	Aluminium cement: only in consultation with CUGLA Other admixtures: only in consultation with CUGLA			
<b>Concentration</b>	<b>%</b>	35		
<b>Maximum recommended dosage</b>	<b>% by mass of cement</b>	0,3		
	<b>cc per 100 kg cement</b>	255		
	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 aspects

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 BV con.35% 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](http://www.cugla.com).