

## CUGLA® LP CON. 13% LBV

Admixture in accordance with NEN-EN 934-2



0956-CPR-1501

CUGLA LP is used to bring the air level of concrete to the desired level. An extra advantage is the plasticizing effect of CUGLA LP. Concrete with the right and finely divided air (approx. 5 %) is frost resistant

### Benefits of use

<b>Workability</b>	Increased workability by equal water cement ratio, the air in the concrete has a plasticizing result and prevents bleeding.
<b>Transportation</b>	The concrete stays homogeneous during transportation.
<b>Durability</b>	The added air makes the hardened concrete watertight and more resistance to frost, aggressive products and icing salts.
<b>Cement saver</b>	A part of the added air counts as amount of fines, which leads to cement savings.
<b>Compacting energy</b>	Increased workability and decreased compacting energy.

### Product properties

<b>Product name</b>	CUGLA LP LBV			
<b>Category</b>	Air entraining admixture			
<b>Manufacturer/supplier</b>	CUGLA			
<b>Colour code</b>	Blue			
<b>Active component</b>	Resin acid soaps			
<b>Physical state</b>	Fluid			
<b>Colour</b>	Brown			
<b>Soluble in water</b>	Yes			
<b>Concentration</b>	%	13		
<b>pH</b>		10 - 14		
<b>Absolute density</b>	kg/l	1,03 ± 0,02		
<b>Dry material content</b>	%	13 ± 1,3		
<b>Total chlorine</b>	%	< 0,1		
<b>Water soluble chlorine</b>	%	< 0,1		
<b>Alkaline content</b>	%	2,0		

### 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 air content of the concrete			
<b>Processing temperature</b>	5 - 30 °C			
<b>Shelf life and storage</b>	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>	13		
<b>Maximum recommended dosage</b>	<b>% by mass of cement</b>	0,03		
	<b>cc per 100 kg cement</b>	30		
	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 advises:

- 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 LP con.13% LBV, 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).