

CUGLA[®] LBV-02 CON. 2%* LBV

*Also available in concentration: 0,5%

Admixture in accordance with NEN-EN 934-2



0956-CPR-1501

CUGLA LBV 02 is used to bring the air level of concrete to the desired level. The concrete is therefore stable and smooth and after hardening has a higher resistance to water penetration and frost. An extra advantage is the plasticizing effect of CUGLA LBV 02.

In combination with a 0,45 water cement ratio, the concrete realises a significantly better frost resistance.

Benefits of use

Workability	Increased workability by equal water cement ratio allows the mortar to easily come off the trowel.
Stability	No bleeding and segregation in the barrel.
Durability	The added air makes the hardened mortar more resistance to water penetration and frost.

Product properties

Product name	CUGLA LBV-02 LBV			
Category	Air entraining admixture			
Manufacturer/supplier	CUGLA			
Colour code	Blue			
Active component	Resin acid soaps			
Physical state	Fluid			
Colour	Brown			
Soluble in water	Yes			
Concentration	%	0,5	2,0	
pH		7 - 12	9 - 12	
Absolute density	kg/l	1,00 ± 0,02	1,00 ± 0,02	
Dry material content	%	0,5 ± 0,1	2,0 ± 0,2	
Total chlorine	%	< 0,1	< 0,1	
Water soluble chlorine	%	< 0,1	< 0,1	
Alkaline content	%	0,5	1,0	

Use and dosage instructions

Manner / moment of dosage	Preferably add to the last part of the mixing water			
Recommended dosage	Depending on the desired air content 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	%	14		
Maximum recommended dosage	% by mass of cement	0,04		
	cc per 100 kg cement	38		
	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 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 LBV-02 con.2% 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.