

CUGLA® BV-20 con.35% PL*

*Also available in the following concentrations: 20%
 Admixture in accordance with NEN-EN 934-2



0956-CPR-1501

CUGLA BV-20 increases the workability of the fresh concrete, even at a low water cement ratio, making it easier to pour.

CUGLA BV-20 is ideal to cast concrete on a slope, road construction, concrete and moist concrete, thanks to the great improvement of the thixotropic quality of the concrete by using CUGLA BV-20.

Advantages

Workability	Increased and longer workability with same water cement ratio.
Strength	The water-reducing effect greatly increases strength-development.
Durability	The reduced water cement factor produces a denser concrete structure which increases durability.
Cement savings	With the same water cement factor the intended strength can be achieved with less cement.
Compaction	The increased workability requires less compaction energy.
Finishing	The stabilizing components reduce bleeding

Product properties

Product name	CUGLA BV-20 con.35% PL			
Category	Plastisizer			
Manufacturer/supplier	CUGLA			
Colour code	Yellow			
Active component	Lignosulfonate			
Physical state	Fluid			
Colour	Brown			
Soluble in water	Yes			
Concentration	%	20	35	
pH		5 - 9	5 - 9	
Absolute density	kg/l	1,10 ± 0,02	1,17 ± 0,03	
Dry material content	%	20 ± 1,0	35 ± 1,75	
Total chlorine	%	< 0,1	< 0,1	
Water soluble chlorine	%	< 0,1	< 0,1	
Alkaline content	%	2,0	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 concrete			
Processing temperature	5 - 30 °C			
Shelf life and storage	Up to 1 year after manufacturing date, frost-free			
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	%	20	35	
Maximum recommended dosage	% in regard to cement	0,5	0,3	
	cc per 100 kg cement	455	256	
	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

Safety data sheets, SDS, are available via our website www.cugla.com.

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.