

CUGLA® 80-20 CON. 35% SPL

Admixture in accordance with NEN-EN 934-2



0956-CPR-1501

CUGLA 80-20 is a combination of:

- 80 % CUGLA OQ con.35% SPL
- 20 % CUGLA BV con.35% PL

The properties of both admixtures are optimized, so CUGLA 80-20 highly increases the workability and holds this over a period of time.

Benefits of use

Workability	Fresh concrete with a very low water cement ratio can be used as a cast concrete, enabling complex shuttering systems with dense reinforcements to be filled up.
Strength	Due to the very low water cement ratio high initial and final strengths can be realized.
Durability	The very dense structure of the concrete increases the durability of the concrete.
Cement saver	Intended strengths can be realized with considerably less cement.
Compaction	The very high workability requires minimal compaction for an optimal density.
Shuttering removal	High initial strength makes it possible to remove the shuttering more quickly, enabling shuttering to be used more effectively.

Product properties

Product name	CUGLA 80-20 con. 35% SPL			
Category	Super plastisizer			
Manufacturer/supplier	CUGLA			
Colour code	Grey			
Active component	Naphtalene sulfonate / Lignosulphonate			
Physical state	Fluid			
Colour	Brown			
Soluble in water	Yes			
Concentration	%	35		
pH		5 - 9		
Absolute density	kg/l	1,17 ± 0,03		
Dry material content	%	35 ± 1,75		
Total chlorine	%	< 0,1		
Water soluble chlorine	%	< 0,1		
Alkaline content	%	5,0		

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 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	%	35		
Maximum recommended dosage	% by mass of cement	1,7		
	cc per 100 kg cement	1450		
	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 80-20 con.35% SPL, 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.