

## CUGLA® OQ CON. 35% SPL\*

\* Also available in the following concentrations: 40%  
 Admixture in accordance with NEN-EN 934-2



0956-CPR-1501

CUGLA OQ is ideal for the fabrication high quality concrete. CUGLA OQ is also ideal for casting of complex concrete structures.

### Benefits of use

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

### Product properties

<b>Product name</b>	CUGLA OQ con.35% SPL			
<b>Category</b>	Super plastisizer			
<b>Manufacturer/supplier</b>	CUGLA			
<b>Colour code</b>	Grey			
<b>Active component</b>	Naphtalene sulphonate			
<b>Physical state</b>	Fluid			
<b>Colour</b>	Brown			
<b>Soluble in water</b>	Yes			
<b>Concentration</b>	%	35	40	
<b>pH</b>		5 - 9	5 - 9	
<b>Absolute density</b>	kg/l	1,17 ± 0,03	1,20 ± 0,03	
<b>Dry material content</b>	%	35 ± 1,75	40 ± 2,00	
<b>Total chlorine</b>	%	< 0,1	< 0,1	
<b>Water soluble chlorine</b>	%	< 0,1	< 0,1	
<b>Alkaline content</b>	%	5,0	5,5	

## 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>	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	40		
<b>Maximum recommended dosage</b>	<b>% by mass of cement</b>	1,2	1,05		
	<b>cc per 100 kg cement</b>	1025	875		
	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.

Safety data sheets, SDS, are available via our website [www.cugla.com](http://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](http://www.cugla.com).