

## CUGLA® VISCOSMART PURE P-40

Admixture in accordance with NEN-EN 934-2



0956-CPR-1501

CUGLA VISCOSMART PURE P-40 is a water retaining admixture especially for under water concrete.

CUGLA VISCOSMART PURE P-40 is a powder which increases the internal cohesion of the concrete to avoid leaching or loss of cement paste.

CUGLA VISCOSMART PURE P-40 is applicable in:

- Concreting under water
- One grain concrete (= concrete without sand as bank reinforcement)
- colloidal concrete
- filling of double sheet piling profile
- filling of hollow foundation piles
- concrete for hollow piles

### Benefits of use

CUGLA VISCOSMART PURE P-40 stabilizes the concrete and prevents water separation.

CUGLA VISCOSMART PURE P-40 reduces the changes of segregation to a minimum when pumping closed colloidal concrete.

NOTE:

- If the concrete hits the water form great altitude and with high speed, the change to segregation is very high. To avoid this the concrete should be placed according to the 'contractor method'.
- Avoid concreting in case of large currents and high waves.
- The concrete should not be exposed to flow caused by shipping, before its hardened.
- One grain concrete should not be pumped.

### Product properties

<b>Product name</b>	CUGLA VISCOSMART PURE P-40			
<b>Category</b>	Water resistant admixture			
<b>Manufacturer/supplier</b>	CUGLA			
<b>Colour code</b>	Violet			
<b>Physical state</b>	Fluid			
<b>Colour</b>	Light grey			
<b>Soluble in water</b>	Yes			
<b>Absolute density</b>	kg/l	0,98 ± 0,02		
<b>Dry material content</b>	%	2 ± 10		
<b>Total chlorine</b>	%	< 0,1	(= free of chlorine)	
<b>Alkaline content</b>	%	1,5		

## Use and dosage instructions

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CUGLA VISCOSMART PURE P-40 increases the consistency of the concrete so that the grout is protected against leaching. By the high interdependence the concrete is viscous and stickier.

The Slump test should be between 180 and 200 mm. When lifting the cone, one notices that the concrete slowly flows.

An open colloidal concrete is dryer than a closed colloidal concrete.

CUGLA VISCOSMART PURE P-40 must be added before dosing the mixing water.

Dosage depends on the consistency, composition and used superplasticizer. De dosage varies from 3 to 5 kg per m<sup>3</sup>.

Use with other admixtures only in consultation with CUGLA.

## Packaging

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In cans, barrels, containers and/or bulk

## Health and environmental aspects

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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 Viscosmart Pure P-40, 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.

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Our general sales, delivery and payment conditions apply to all our transactions and are available at [www.cugla.com](http://www.cugla.com).