

CUGLA® PAVING PLAST 4100 con.20% PL

Admixture in accordance with NEN-EN 934-2.



0956-CPR-1501

CUGLA PAVING PLAST 4100 is ideal for producing high quality plain concrete and pouring complex concrete constructions.

User advantages

Workability	Ready-mixed concrete with a low water-cement ratio can be processed as liquid concrete, allowing complex formwork with dense reinforcement to be filled.
Strength	The low water-cement ratio achieves high initial strengths and high final strengths.
Durability	The concrete's highly dense structure increases the sustainability.
Reduced cement requirement	Target strengths can be achieved with substantially reduced cement requirements.
Compaction	The high workability requires minimal compaction for optimum density.
Formwork removal	The high initial strength enables a faster formwork removal, allowing concrete shuttering to be more effectively used.

Product properties

Product name	CUGLA PAVING PLAST 4100	
Category	Plasticiser	
Manufacturer / Supplier	CUGLA	
Colour code	Grey	
Aggregation state	Fluid	
Colour	Brown	
Soluble in water	Yes	
Concentration	%	20
pH		2 - 8
Unit mass	kg/l	1,07 ± 0,02
Solid	%	20 ± 1,0
Total chloride content	%	< 0,1
Water soluble chloride	%	< 0,1
Alkali content	%	1,5

Application and dosing instructions

Manner / time of dosage	Preferably, add to the last measure of mixing water		
Recommended dosage	Depending on the desired consistency range of the concrete		
Application temperature	5 - 30 °C		
Storage and storage life	1 one year in sealed package at a minimum temperature of 5 °C		
Suitable for use in	Mass concrete Reinforced concrete Pre-stressed concrete		
Not combinable with	Aluminium cement: only in consultation with Cugla Other admixtures: only in consultation with Cugla		
Admixture concentration	%	20	
Maximum dosage	% in relation to weight of cement	1,5	
	cc per 100 kg cement	1402	
	For dosing higher than the maximum recommended dosage, please contact the Product Manager of Cugla for advice		

Packaging

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

For detailed information we refer to the safety data sheet, SDS Cugla Paving Plast 4100 con.20% PL, on our website.

Changes to this documentation are not sent to customers automatically. All previous product information hereby lapses. The above values concern laboratory conditions and are provided to the best of our knowledge. We cannot accept any liability for results obtained on site because we are not responsible for product processing or the specific conditions on site.

Our general terms and conditions of sale, supply and payment apply to all our transactions (see www.cugla.com).