

CUGLATON® SKID

- CUGLATON SKID is a shrink-proof, specially developed for casting layers of thicknesses between 40 and 200 mm. After preparation with water a highly viscous mortar is created, which can easily fill all cavities and spaces through its own weight force.
- Due to the optimal composition there is a limited development of heat of hydration, making CUGLATON SKID ideal for grouting large engine foundations and filling large recesses in a single step.

Applications

Civil and public utilities / prefabricated construction	Dumping pile heads Casting large recesses / encasings Casting of concrete repairs Anchoring of reinforcing steel bar
Industrial construction	Casting engine foundations Filling open pump frames Filling holes for pipes and cables Anchoring of reinforcing steel bar
Concrete construction and hydraulic engineering	Filling large holes Anchoring of reinforcing steel bar

Classification in accordance to CUR-Recommendation 24



Non-shrink mortars

Mortar sort	Grout
Mortar type	4 mm
Strength class	K 70
Environment class	X0 t/m XA3
Swelling	> 0,1% < 2,0 %
Average shrinkage	< 0,55 mm/m

Classification according to NEN-EN 1504-6

CE	
0956	
CUGLA BV , Rudonk 6a, 4824 AJ BREDA	
16	
0956-CPR-0707	
NEN-EN 1504-6	
DoP: EM0002-01-09-2018	
Anchoring grout	
Pull out strength	≤ 0,6 mm at load of 75 KN
Chloride ion content	≤ 0,05 %
Glass transition temperature	NPD
Reaction to fire	Klasse A1
Creep under tensile load displacement	NPD
Dangerous substances	Comply with 5.3

Directions for use

Pre-treatment

The surface onto which CUGLATON SKID has to be applied needs to be clean. The cement skin coating should be removed and no free water may be present.

- Pre-treatment with water.
The surface must only be moistened with water (Please note: No free water!)
- or
- Pre-treatment CUGLACRETE HECHTPRIMER CEMENTGEBONDEN or CUGLACRETE HECHTPRIMER EPOXY SEALER.
For an optimum bond we advise the use of CUGLACRETE HECHTPRIMER CEMENTGEBONDEN, a cement polymer modified system, or CUGLACRETE HECHTPRIMER EPOXY SEALER, an epoxy-based system.

Mixing

Mechanically mix CUGLATON SKID until it becomes a homogeneous mixture. Mixing time depends on the type of mixer, approx. 3 minutes.

Water dosage

Water bandwidth: 2,0 – 2,4 ltr/20 kg mortar. Dose, within the indicated water bandwidth, with plenty of water so as to produce a mortar with a flow of approx. 550 mm.

Follow-up treatment

The finished surface must be carefully protected against dehydration with CUGLA CURING COMPOUND, or by covering with a plastic sheet.

Storage and shelf life

If stored in a dry place it has a shelf life of up to 6 months after production date, as stated on the packaging.

Technical data at 20°C/65% RH

Maximum grain		4	mm
Chloride content		< 0,05	%
Cement sort		Portland	
Water bandwidth		2,0 – 2,4	ltr/20 kg mortar
Consumption per m³ approx.		2060	kg
Density		2300	kg/m ³
Layer thickness		200	mm max.
Flow measure	t = 0 min.	550	mm
("flow gutter" method)	t = 30 min.	450	mm
Initial setting time		30	minutes
Swelling v/v ASTM C827		> 0,1 en < 2,0	%
Drying shrinkage NEN 3534	24 hours	< 0,2	mm/m
	28 days	< 1,0	mm/m
Pull out test NEN-EN 1881	Dry	0,323	mm
	Wet	0,179	mm

Strength development ISO 679		16 hours	24 hours	7 days	28 days	91 days
Buigtreksterkte	N/mm ²	4	6	10	11	
Druksterkte	N/mm ²	30	45	75	89	95
Druksterkte (150x150x150 mm)	N/mm ²				90	

Cuglaton[®] does not contain any chlorine, nor any other corrosive substances. For application at temperatures < 0 °C please contact Cugla B.V.

Health aspects

Cugla advises:

- To wear the correct gloves and goggles.
- To avoid contact with eyes and skin.
- In case of contact with the eyes, to rinse immediately with plenty of water and seek medical advice.
- In case of swallowing the product immediately contact a doctor and show the package or the safety data sheet.

For detailed information we refer to the safety data sheet, SDS Cuglaton Skid, 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.