

## CUGLATON® HOOGOVEN GIETMORTEL 8 MM

- CUGLATON HOOGOVEN GIETMORTEL 8 MM is a shrink-proof mortar, especially suitable for layers up to 500 mm.
- CUGLATON HOOGOVEN GIETMORTEL 8 MM is thanks to the optimal composition, a mortar that is extremely suitable for pouring large machine foundations in one working pass and for filling out large recesses.
- CUGLATON HOOGOVEN GIETMORTEL 8 MM meets the sustainability requirement conform CUR Recommendation 89 'Measures to prevent damage to concrete by alkali-silica reaction (ASR)'.

### Applications

**Concrete construction and hydraulic engineering** Grouting supports

### Classification conform CUR Recommendation 24

#### Non-shrink mortars

<b>Mortar sort</b>	Grout
<b>Mortar type</b>	8 mm
<b>Strength class</b>	K60
<b>Exposure class</b>	XA3
<b>Swelling</b>	> 0,1% < 2,0 %
<b>Average shrinkage</b>	< 0,50 mm/m



### Directions for use

#### Pre-treatment

The surface onto which CUGLATON HOOGOVEN GIETMORTEL 8 MM has to be applied needs to be clean. The cement skin coating should be removed and no free water may be present.

- 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 HOOGOVEN GIETMORTEL 8 MM until it becomes a homogeneous mixture. Mixing time depends on the type of mixer, approx. 3 minutes.

#### Water dosage

Water bandwidth: 2,1 – 2,2 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. 700 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

<b>Maximum grain</b>	8	mm
<b>Cement</b>	Blast-furnace	
<b>Water bandwidth</b>	2,1 - 2,2	ltr/20 kg mortar
<b>Consumption per m<sup>3</sup> approx.</b>	2080	kg
<b>Density</b>	2310	kg/m <sup>3</sup>
<b>Layer thickness</b>	500	mm max.
<b>Workability</b>	t = 0 min. >700	mm
<b>Setting time</b>	30	minutes
<b>Swelling v/v ASTM C827</b>	> 0,1 en < 2,0	%
<b>Shrinkage NEN 3534</b>	24 hours	< 0,3
	28 days	< 1,0
<b>Pull-out method NEN-EN 1881</b>	Dry	< 0,60
	Wet	< 0,60
<b>Bleeding</b>	none	

## Strength development ISO 679

		24 hours	7 days	28 days
<b>Compressive strength</b> (150*150*150 mm)	N/mm <sup>2</sup>	29	71	85

Cuglaton<sup>®</sup> 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 Hoogoven Gietmortel 8 MM, 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](http://www.cugla.com).