



# Product Data Sheet

# Cebo QSL

## Application

**Repair of punctured or damaged clay layers**

## Description

**Cebo QSL** are cylindrical bentonite rods made from 100% natural clay. A characteristic for **Cebo QSL** is the low water absorption capacity and delayed swell begin.

## Properties

Cebo QSL has the following properties;

### Low swelling ability

Cebo QSL is made from 100% natural clay and has therefore a low swelling ability.

### Slowly swell start

Because of the low swell start of the Cebo QSL, it is easy to dose the rods at the desired depth.

### Low water permeability

Cebo QSL has a low water permeability which meets the requirements as set by the SIKB.

Cebo QSL has the following typical values;

Typical values Cebo QSL			
Parameter	Test method	Requirement	Typical value
Montmorillonite content	X-ray diffraction	-	15%
Moisture content	DIN 18121-1	-	16%
Specific density	-	-	1800 kg / m <sup>3</sup> +/-10%
Bulk density	-	-	1100 kg / m <sup>3</sup> +/-10%
Water absorption capacity after 24 hours (Enslin)	-	-	120%
Permeability (k-factor)	CUR, via Tri-axial cell	-	1 x 10 <sup>-9</sup> (m/s)
Dropping speed	-	-	23 m/min
Density saturated with water	-	-	1,6 t/m <sup>3</sup>
Swelling capacity	-	-	120%



## Cebo Holland

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## Recommended use

Careful and even dosing are required for an optimal result. Bridge formation can occur in the event of dosing too rapidly.

Cebo QSL has the following chemical and physical properties;

Chemical and physical properties Cebo QSL	
Composition	100% natural clay
Colour	Brownish
Form	Cylindrical rods
Dimensions	Diameter 10 mm Length 5 – 25 mm

## Packaging

Cebo QSL is available in the following packaging;

- 1000 kg packed in 25 kg bags on a pallet with shrink film
- 1200 kg big bag

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In so far as we can ascertain the above-stated information is correct. However, we are unable to provide any guarantees with regard to the results that you will achieve with this. This specification is provided on the condition that you determine yourself to what degree it is suitable for your purposes.



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