

## Technical Data Sheet for SILIMIC SLURRY

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### 1. Description

SILIMIC slurry is a 50:50 (by mass) water – and silica dust suspension

One cubic metre of slurry contains approx. 700 kg microsilica

CAS: 69012-64-2

EINECS: 273-761-1

**REACH : 01-2119486866-17-0024**

### 2. Application

Additive in the production of air - tight and durable concretes, fibre cement products.

The product is easy to handle and pump.

### 3. Storage

SILIMIC slurry is a stable product. However, if the product is left undisturbed for a period some segregation may occur. To prevent this, agitation or circulation is recommended. Not store in temperature near to or below 0 degrees of Celsius.

Keep away from hydrofluoric acid (HF).

### 4. Use by date

Use by date, indefinite. Provided that conditions specified in point 3 are fullfield Silimic parameters remain unchanged.

### 5. Typical Chemical and Physical Characteristics

SiO <sub>2</sub> (% by weight of dry mass)	- min	90 %,
Specific surface (m <sup>2</sup> /g)	-	15 - 35,
Pozz. Activity Index	- min	100 %,
Dry mass variation	-	50% ± 2%,
pH value	-	5,0 – 5,5,
Retained on 45 micron sieve	- max	1%.

Average bulk density is approximately 1400 kg/m<sup>3</sup>

### 6. Packing

SILIMIC slurry is supplied in a range of packing:

- bulk in road tanker,

- 1 m<sup>3</sup> pallet containers (IBC)

Special packaging can be supplied on request

### 7. Quality Control and Compliance

Re Alloys Sp. z o.o. is certified according to EN ISO 9001

The chemical composition and physical properties are regularly tested, SILIMIC slurry meets the requirements of the EN 13263 -1 and EN 13263 -2. from the European Committee for Standardization.

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