

## AS

### Grouting materials



Amorphous silica for the thickening of GE epoxy grouting materials

#### APPLICATION:

Amorphous silica is a white, high-purity powder that is used as an admixture to GE epoxy grouting materials to increase their density and thixotropy. This product can be used for the grouting of wide joints (greater than 10 mm) - there is a risk of settlement or leakage of grouting materials.

#### Characteristic features:

- thickening
- adjustment of thixotropy
- odourless
- chemically resistant
- hygienically safe, without effects on the environment

#### COMPOSITION:

Unmodified, hydrophilic amorphous pyrogenic silicon dioxide.

#### TECHNICAL PARAMETERS:

Specific surface area	m <sup>2</sup> /g	200 ± 25
pH (4% in water)		3.7 - 4.7
Loss by drying (2 h at 105°C)	weight %	≥ 1.5
Loss by annealing (2 h at 1000°C)	weight %	≥ 1.5
SiO <sub>2</sub> (content)	weight %	≤ 99.8
Apparent density	g/L	50

#### PROCESSING:

After mixing, amorphous silica is added to epoxy grouting materials, namely 0.1-0.5% of the volume of prepared materials (i.e. 1-5 g/kg - in weight, or 20-100 ml/kg of materials - in volume) The amount depends on density of grouting materials.

#### CAUTION:

- Unused residues should be disposed as of other wastes (see the Safety Data Sheet).
- Only completely clean plastic materials may be handed over to recycling.

#### SAFETY AND HYGIENE REGULATIONS:

This product is not classified as a dangerous substance.

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Tax ID number CZ25238078

**STORAGE:**

Amorphous silica is stable and non-degrading. If the product is properly stored (avoiding access to moisture and chemicals), the shelf life is 36 months. The expiration date is specified on the packaging.

**SHIPPING:**

This product is supplied in 400 g plastic buckets.

**QUALITY:**

- The product quality is regularly checked in the manufacturer's laboratories.
- The distributor applies a certified quality management system, according to ISO 9001.

**DISTRIBUTOR:**

LASSELSBERGER, s.r.o., Adolova 2549/1, 320 00 Pilsen — Jižní Předměstí

**VALIDITY:**

Since 1 November 2017

We reserve the right to make any changes that are the result of technical progress.

This issue cancels and supersedes all previous issues.

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