



# EPOXY SAND OC

Dry quartz sand

- ▶ For preparation of epoxy layers with the epoxy systems
- ▶ 100% washed, do not contain organic impurities
- ▶ Right grain sizes
- ▶ Excellent mechanical properties



**PRODUCT DESCRIPTION** Dry quartz sand for epoxy flooring of grain size 0,3-0,8 mm and natural colour. Fire-dried quartz sand are characterised by their high SiO<sub>2</sub> content and are free from organic impurities and other impurities, of high hardness, chemical resistance and appropriate grain size.

**FIELD OF USE** Ideal for mixing into epoxy resin for epoxy thin levelling, for epoxy mortars and also for increasing the mechanical strengths of every epoxy system. It is also suitable for broadcasting over fresh applied primer or thin layer epoxy system for increasing the slip resistance.

- PRODUCT PROPERTIES**
- For preparation of epoxy layers with the epoxy systems
  - 100% washed, do not contain organic impurities
  - Right grain sizes
  - Excellent mechanical properties



## PRODUCT DATA

### BASIC INFORMATION

**Appearance** crystal quartz sand

**Packing** 25 kg paper bags / 1000 kg (40x25 kg) on pallet

**Storage and expiration date** Store in original packaging onto dry place.

### TECHNICAL DATA

**Loss on ignition** 0,25 (1000°C)

**Humidity** < 1 Ma.-%

DIN ISO 787,T2

**Specific density** 2,63 g/ml

**Bulk density (naturally moist) compacted** 1,6 g/ml

**Bulk density (naturally moist) uncompacted** 1,1 g/ml

**Hardness (Mohs)** 7

**Sintering point** > 1500°C

**Softening point** > 1700°C

## CHEMICAL ANALYSIS

	mass-%
SiO <sub>2</sub>	97
Fe <sub>2</sub> O <sub>3</sub>	0,04 %
Al <sub>2</sub> O <sub>3</sub>	2 %
TiO <sub>2</sub>	0,2 %
CaO	0,02 %
MgO	0,01 %
Na <sub>2</sub> O	0,05 %
K <sub>2</sub> O	0,7 %

## SIEVE ANALYSIS

Sieve (mm)	Total residue (%)
> 1	0,04
0,9	0,05
0,8	1,42
0,71	12,99
0,63	14,87
0,5	42,07
0,4	22,8
0,315	5,07
0,25	0,48
0,1	0,15
< 0,1	0,05

## LIMITATIONS

**Data source:** All technical data in this technical sheet was obtained by laboratory research. Actual data may differ due to different working conditions.

**Local restrictions:** Due to specific local regulations the installed product can differ from country to country. For exact instructions for use a country specific technical sheet should be obtained.



## LEGAL BASE

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