



EPOXY SAND ES 120

Dry quartz sand 0,7-1,2 mm

- ▶ 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 0,7-1,2 mm and natural colour. Fire-dried quartz sand are characterised by their high SiO₂ 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.

Table 1: FIZICAL-MINERALOGICAL INFORMATION

Grain size	0,7-1,2 mm
Hardness (Mohs)	7
Loss on ignition	< 0,25 %
Sintering point	above 1500°C
Softening point	above 1700°C
Bulk density (naturally moist) compacted	1,302 kg/dm ³
Moisture	do 4 %

Table 2: CHEMICAL ANALYSIS

SiO ₂	> 99 %
Fe ₂ O ₃	0,297 %
Al ₂ O ₃	0,658 %
TiO ₂	0,032 %
CaO	0,041 %
MgO	0,027 %
P ₂ O ₅	0,009 %
K ₂ O	0,104 %

Table 3: SIEVE ANALYSIS

Sieve (mm)	Total residue (mm)
1,8	0,01
1,7	0,02
1,4	0,1
1,25	0,76
1	29,11
0,8	41,87
0,63	20,42
0,5	5,6
0,315	1,75
0,2	0,28
< 0,2	0,08



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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