
Technical data sheet

Natural Quartz Q quartz sand.

Product description:

Wet and dry sieved natural sand and quartz gravel, fire-dried.

Product features / benefits:

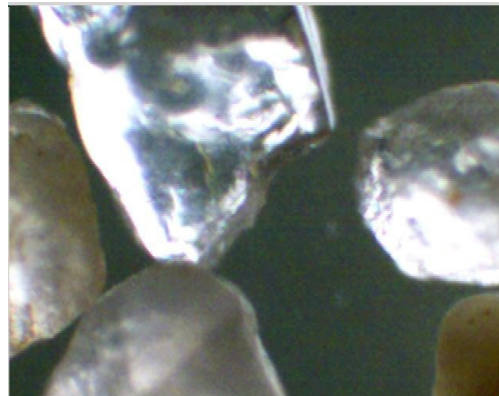
- **High abrasion resistance**
 - **Excellent resistance parameters**
 - **Confectioned product**
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Application:

Quartz Q is used in resin-bonded flooring systems based on epoxy, polyurethane or methyl methacrylate. Abrasion resistant Quartz Q is perfect to scatter top layers in order to get nonskid surfaces. Depending on fraction, sieved quartz sand is used as, a component of dry cement based mixes, repair mortars, plaster mortars, glues and self-leveling masses. Dried sand also finds application in filtration processes, or in building sport fields.

Product data:

Colour:	natural light-grey
Packing:	25 kg ventile PE bags 1000 kg big bags 25kg paper bags on request
Attests, certificates:	Hygienic Certificate for building materials Hygienic Certificate for filtering sand Radiation Hygiene Certificate
Technical specification	
Hardness (Mohs)	: 7
Moisture	: <0,1%
Density (DIN ISO 787/10A)	: 2,65 g/cm ³
Bulk density	: 1,55t/m ³



Average chemical analysis:

SiO ²	: 96,88%
Al ² O ³	: 1,928%
Fe ² O ³	: 0,0975%
TiO ²	: 0,01242%
CaO	: 0,0521%
MgO	: <0,10%
MnO	: 0,00254%
K ² O	: 0,892%
Na ² O	: <40%
SO ³	: <0,020%

Given chemical analysis applies to 0.5-1.0mm grain size. Slight differences may appear with other granulations.

Standard granulations:

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|----------------------------------|-----------------|
| ▶ QD 0,1-0,2 mm | ▶ QS 1,0-1,6 mm |
| ▶ QS 0,1-0,3 mm | ▶ QQ 1,0-1,7 mm |
| ▶ QQ 0,1-0,4 mm | ▶ QQ 1,0-2,2 mm |
| ▶ QQ 0,1-0,5 mm | ▶ QQ 1,6-2,2 mm |
| ▶ QS 0,3-0,5 mm | ▶ QQ 2,0-3,0 mm |
| ▶ QQ 0,2-0,7 mm | |
| ▶ QQ 0,2-0,8 mm | |
| ▶ QS 0,3-0,9 mm (50/50 mix) | |
| ▶ QS 0,4-0,9 mm (before 0,4-0,8) | ▶ QS 2,0-4,0 mm |
| ▶ QS 0,5-1,0 mm | ▶ QS 3,0-5,0 mm |
| ▶ QS 0,8-1,0 mm | ▶ QS 4,0-6,0 mm |
| ▶ QQ 0,7-1,2 mm | ▶ QQ 3,0-8,0 mm |
| ▶ QS G0,8-1,2 mm | ▶ QS 5,0-8,0 mm |

Other available fractions:

- ▶ QQ 0,2-0,8 mm(9010)
 - ▶ QS 0,2-0,9 mm (3565)
 - ▶ QS 8,0-16,0 mm
- More fractions on request.
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Fractions on request:

- ▶ QQ 0,3-0,6mm(available05-2017)
 - ▶ QQ 1,6-2,5 mm(available05-2017)
- More fractions on request.
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