

Nature & Technology

For Industry | Building | Home

Krone Feine Gips

QUARZSAND UNIVERSAL



High-grade quartz sand
Mineral **natural product**
Washed, dried, sieved, graded
Fine aggregate **0.2 - 0.6 mm**

For universal applications in the home, yard and garden
As an additive in building and construction chemical products
As playground sand, terrarium sand, bottom filler in aquariums

Handle with care, **prevent dust from forming**

For interiors and exteriors



Technical data sheet
Quarzsand universal
 Quartz sand



Product and intended use	
Description	Made from naturally occurring loose rocks with specific mineral constituents, washed in two stages, kiln-dried, sieved and graded. Sand for industrial and construction applications, ecological applications in gardening and landscaping as well as for universal applications in the home, yard and garden.
Designation and abbreviation	Quartz sand
Quality control	Externally monitored, computer-aided particle analysis. Production inspection certified according to DIN EN 12620 (initial inspection and in-house production inspection).
Shelf life	Unlimited Store in a dry place protected from exposure to weather; protect from moisture absorption. Seal opened containers well.
Special characteristics	Edges rounded Uniform sand colours Good resistance to chemicals High intrinsic strength
Intended use (as an example)	Additive for modifying/stretching/thinning of materials such as cement-based mortars and construction chemical products, such as tile adhesives, epoxy resins. Additive for on-site production of mortars/interior plasters based on cement-, lime- or gypsum-based binders. Scattering/slurrying/grouting of floor coverings, such as patio tiles, paved surfaces, yard/garage entrances. Landscape details in model railways and terrain. Bedding for small animals and pets, or as a base in a terrarium or aquarium. Also suitable for children's playgrounds in accordance with the German Federal Soil Protection Act.
Range of applications	Interiors and exteriors
Application	By hand If combined with construction products, etc., observe the manufacturer's mixing and application instructions.
Hygiene, health	Observe safety instructions
Technical properties¹	
Reaction to fire	Non-combustible Class A (no contribution to fire) according to 96/603/EC
Grain size distribution	Upon request
Density	2.6 (kg/m ³), approx.
Bulk weight	1540 ...
Moisture	0.2 (wi) %, approx.
Organic components	0.1 ...
SO ₃ sulphate	0.1 ...
Water soluble chlorides	< 0.01 ...
SiO ₂ silicon dioxide (quartz)	> 95.0 ...
Fe ₂ O ₃ iron(III) oxide	0.36 ...
Al ₂ O ₃ aluminium oxide	1.03 ...
TiO ₂ titanium(IV) oxide	0.02 ...
CaO calcium oxide	0.2 ...
K ₂ O potassium oxide	0.36 ...
Na ₂ O sodium oxide	0.2 ...
MgO magnesium oxide	0.05 ...
AL annealing loss	0.13 ...

¹ Material composition of the mineral fraction as approximate benchmark values due to origin and production-related fluctuation – not guaranteed.

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Table of contents	Type of packaging
5.0 kg	Paper bag
25,0 kg	Paper sack

Hazard designation

Item data and forms for supply

Type of secondary packaging	Packaging unit	Weight/pallet	Item
	120 bags	640 kg	Material no. follow EAN 4003230007180
	40 sacks	1,000 kg	Material no. follow EAN 4003230007227

Not classified as hazardous according to CLP Regulation (EC) no. 1272/2008
 The product should be handled carefully to prevent dust from forming.

This is a translation of the technical data sheet valid in Germany. The contents are in compliance with the regulations in Germany. If used in other countries, other regulations may apply that stipulate other requirements for use and give preference to other application procedures. VG-ORTH GmbH & Co. KG does not accept any liability for use outside of Germany.

Our data sheets provide technical information, instructions and recommendations intended to help better fulfil the intended purpose of the product and to be able to deal with any possible obstacles when applying the product. The contents are based on our information and experience; they might not reflect the scope and current status of the recognised rules of building technology in Germany. **If used in other countries, other regulations may apply that stipulate other requirements for use and give preference to other application procedures.**

Before starting work, the user must bear in mind that he assumes sole liability for his actions, for understanding how to use the product, for being familiar with our contents in order to ensure the safety of himself and others and for being suitably familiar with relevant national and European Standards and with corresponding country-specific rules of the trade.

Our warranty applies to our products when in flawless condition. Information about the product, e.g. on yield, are based on reference test procedures; the results of these tests cannot be transferred identically in the event that circumstances are different, e.g., at construction sites.

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 DIN EN ISO 14001
 DIN EN ISO 50001



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