E-mail: info@dansand.dk
Tel: +45 8682 5811
Variant:
Product designation: Washed, kiln-dried and sorted silica sand

Responsible: Linette Helbo Jensen
Item number: 200004, 200006
Producer: DANSAND A/S, Lervejdal 8B, 8740 Brædstrup

Sand for dry concrete and mortar

Silica sand with uniform grain curves

Description

Our silica sand for dry concrete and mortar is a pure product in the highest exposure class. The product has a high content of quartz and a uniform, defined grain curve, which is of great importance for the strength and other properties of the end product. The silica sand forms the basis for a large number of different dry concrete types, mortars and putties. It is available in standard of sizes 0/2 mm and 0/4 mm. We can also adapt the product so that you get exactly the grain curve you need within a range of 0-12 mm. Silica sand from Dansand® is CE marked for use in concrete and mortar.

BENEFITS OF DANSAND® SAND FOR DRY CONCRETE AND MORTAR

- Pure product with a high silica content
- Uniform grain curve
- Strong and attractive end result
- Grain curve can be adapted to your requirements

Specifications

APPLICATION

Used as a main component in dry concrete and mortar.

DECLARATION

Washed, oven-dried and sifted silica sand with a stable and defined grain curve. Virtually all grain sizes in individually composed grain curves within the range 0.00 - 12 mm are possible.

PHYSICAL PROPERTIES

Properties	Test method	Expected value	Variation range
Grain density – kg/m³	DS/EN 1097-6	2640	2590 - 2690
Absorption - %	DS/EN 1097-6	0.1	0.1 – 0.3

Humus	DS/EN 1744-1	Lighter	
Chlorid - %	DS/EN 1744-1	0.012	≤ 0.012
Equivalent Na2O - %	Calculation	0.010	≤ 0.012
Alkaline reactivity - %	ASTM C1260	Max 0,1 %	≤ 0.1
Sifting analyses after EN 933-1			
Nominal grain size – mm	4	100	100
	2	99	95-100
	1	97	88-99
	0.5	72	65-85
	0.25	30	20-40
	0.125	1,0	0-8
	0.063	0,1	0,0-3,0
category DS/EN 12620 / DS/EN 13139	GF85 / f3		

Silica sand for use in concrete and mortar 0-2 mm

Product description: Oven-dried silica sand
Product number: 200006
DoP no.: 45
Exposure class: XD2, XD3, XS3, XF4, XA3

PHYSICAL PROPERTIES

Properties	Test method	Expected value	Variation range
Grain density – kg/m³	DS/EN 1097-6	2640	2590 - 2690
Absorption - %	DS/EN 1097-6	0.1	0.1 – 0.3
Humus	DS/EN 1744-1	Lysere	
Chloride - %	DS/EN 1744-1	0.012	≤ 0.012
Equivalent Na2O - %	Calculation	0.010	≤ 0.012
Alkaline reactivity - %	ASTM C1260	Max 0,1 %	≤ 0.1
Sifting analysis after EN 933-1			

Nominal grain size – mm	8	100	100
	4	99	95-100
	2	93	80-100
	1	78	65-90
	0.5	60	40-70
	0.25	18	10-35
	0,125	2	0-15
	0,063	0.5	0-7
category DS/EN 12620 / DS/EN 13139	GF85 / f3		

Silica sand for use in concrete and mortar 0-4 mm

Product description: Oven-dried silica sand
Product number: 200004
DoP no.: 44
Exposure class: XD2, XD3, XS3, XF4, XA3
Analysis data should be considered as guidance only. The raw material is a natural product whose composition may vary.

STORAGE

Dry, covered and without risk of contamination.

DELIVERY

Delivered in bulk.

ENVIRONMENTAL INFORMATION AND DISPOSAL

Prevent dust. Used silica sand should be disposed of in accordance with local requirements.

PHYSICAL PROPERTIES

All grain sizes in individually composed grain curves within the range 0.00 - 12 mm.

Documentation

- Compliance Certificate for concrete
- Compliance Certificate for mortar
- Agregate for concrete



Sand for dry concrete and mortar

Variants: 0-2 mm - 200006, 0-4 mm - 200004