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Producer: DANSAND A/S, Lervejdal 8B, 8740 Brædstrup

Responsible: Afdelingschef – QHSE, Morten Grundvad  
Item number: 499980  
Product designation: Washed, white silica sand

## Whitecast® 0-2 mm

# White, clean silica sand

## Description

Whitecast® is white, pure silica sand with a grain size of 0-2 mm for concrete in all exposure classes. The silica sand has a particularly uniform, light color, which makes it suitable for both light and coloured concrete. The product has an absorption of 0.0% and is 100% free from reactive flint.

The silica sand for Whitecast® is extracted from our sand pit in Tandskov, where it was deposited about 22 million years ago. For many years the industry has used silica sand for the production of high quality concrete, and Whitecast has also been part of our range at Dansand® since 2010.

### BENEFITS OF WHITECAST®

- Clean-washed, white sand for light or coloured concrete
- Free from alkalines and frost-sensitive porous flint

## Specifications

### APPLICATION

Light-coloured concrete aggregate

### DECLARATION

Product name: Whitecast® 0-2 mm

Product number: 480098

DoP no.: 48

Exposure class XD2, XD3, XS3, XF4, XA3

### DECLARED VALUES

Properties	Test method	Expected value	Variation range
Grain density - kg/m <sup>3</sup>	DS/EN 1097-6	2640	2590 - 2690
Absorption - %	DS/EN 1097-6	0.1	0.1 - 0.3
Humus	DS/EN 1744-1	Lighter	
Chloride - %	DS/EN 1744-1	0.012	≤ 0.012

Equivalent Na <sub>2</sub> O - %	Calculated	0.010	≤ 0.012
Alkaline reactivity - %	ASTM C1260	Max 0,1 %	≤ 0.1
Sifting analysis after EN 933-1			
Nominal grain size - mm	4	100	
	2	99	95-100
	1	98	88-99
	0.5	70	60-80
	0.25	20	10-30
	0,125	0,5	0-7
	0,063	0	0-3
Category according to DS/EN 12620	GF85 / f3		

## STORAGE

Covered with no risk of contamination

## DELIVERY

Delivered in bulk from [Tandskov Grusgrav](#).

## ENVIRONMENTAL INFORMATION AND DISPOSAL

Any dust must be controlled. Used silica sand must be disposed of in accordance with current regulations.

## Documentation

- [Whitecast® declaration](#)
- [Agregate for concrete](#)
- [Compliance Certificate for concrete](#)



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Variants: Clean, white sand