



## Temisca Silica Sand

### Opta Minerals your source for Construction Products:

- Barco Silica Sand
- Barco Sand 55
- Bentonite Clay
- Britesphere Road Beads
- Britesphere 247
- Britesphere 247 Lite
- Britesphere OPSS 1750
- Coloured Sand
- Golf Sands
- Temisca Silica

### Contact Us

Our sales team is ready to help you to determine the right product for your job.  
 For more information please call us:  
 Toll-free: 888-689-6661  
 Tel: 519-720-9694  
 E-mail: [info@optaminerals.com](mailto:info@optaminerals.com)  
 Visit: [www.optaminerals.com](http://www.optaminerals.com)

**Temisca Silica Sands** are recognized as the filter sand on the market. We produce high-quality of specialty sands for non-abrasive applications including water filtration applications, golf course bunkers and other commercial applications. We supply to some of the biggest names in the industry.

Our sands are used in a wide range of applications related to the construction industry. Where our sands are used as an additive to exterior finishing, it strengthens the application and maintains the finished coating. Epoxy, grouts, abrasives, are very popular products that require high quality silica sand and some with specific standards as a factor. In all cases, we can meet the requirements.

We at Temisca produce only a high quality Silica Sand. At our quarry, scrubbing equipment is installed to eliminate impurities.

Using Temisca Silica Sand you can count on a product that is stable in size and the granular composition is consistent in characteristics and specifications.

### In addition to our silica products we produce the following aggregates:

- Dolomitic Lime** - PH control for agricultural purposes; composition  $MgCO_3$ ,  $CaCO_3$
- Neutrab** - neutralizer, sizing upon request
- Granular Lime** - sizing upon request

### TEMISCA SILICA SAND USAGE:

- Concrete and brick industry
- Ceramic industry
- Water Filtration (municipal and pool)
- Foundries
- Glass industry
- Frac sand
- Landscaping
- Bunker sand (golf)

### APPROVAL

- Golf Sand** - CPGA – USGA Approved
- Water Filtration** - Surpasses AWWA B100 standards
- Frac Sand** - Conforms to API RP-56 Requirements

### ADVANTAGES OF TEMISCA SILICA SAND

- High-quality product
- Stable in size
- Consistency of granular composition

## AVAILABLE SIZES AND PROFILES:

Mesh	mm	#8	#10	#15	#18	#20	#25	#30	#60	#70
		% retained								
8	2,360	47								
10	2,000	49	34							
12	1,700	4		48						
14	1,400		61							
16	1,180		5	69	53					
20	0,850			3	43	47	8			
30	0,600				4	47	62	16		
40	0,425					6	27	47	4	
50	0,300						3	31	30	
70	0,212							6	43	40
100	0,150								16	38
140	0,106								5	18
PAN									2	4
	E.S.	2,50	1,37	1,28	1,00	0,64	0,50	0,32	0,17	0,12
	U.C.	1,20	1,25	1,31	1,35	1,46	1,46	1,74	1,65	1,78
	AFS-GFN	6,10	8,80	11,90	14,00	18,70	22,50	32,90	54,50	70,00

## TECHNICAL SPECIFICATIONS (IN %)

Symbol	Name	Percentage
SiO <sub>2</sub>	(Silicon Dioxide)	99%
Sulphur	Sulphur	Less than 6 PPM
Al <sub>2</sub> O <sub>3</sub>	(Aluminum Oxide)	0.73%
Fe <sub>2</sub> O <sub>3</sub>	(Iron Oxide)	0.27%

## CHARACTERISTICS

Colour:	White to amber
Specific Gravity:	2.65
Bulk Density (loose)	99 lb/ft <sup>3</sup>
Grain Shape	Sub-round
Solubility	No
Melting Point	2230° C
Moisture	< 1.0%

## PACKAGING

30 kg paper bags, 50 lb plastic bags  
3000 lb Super Sacs