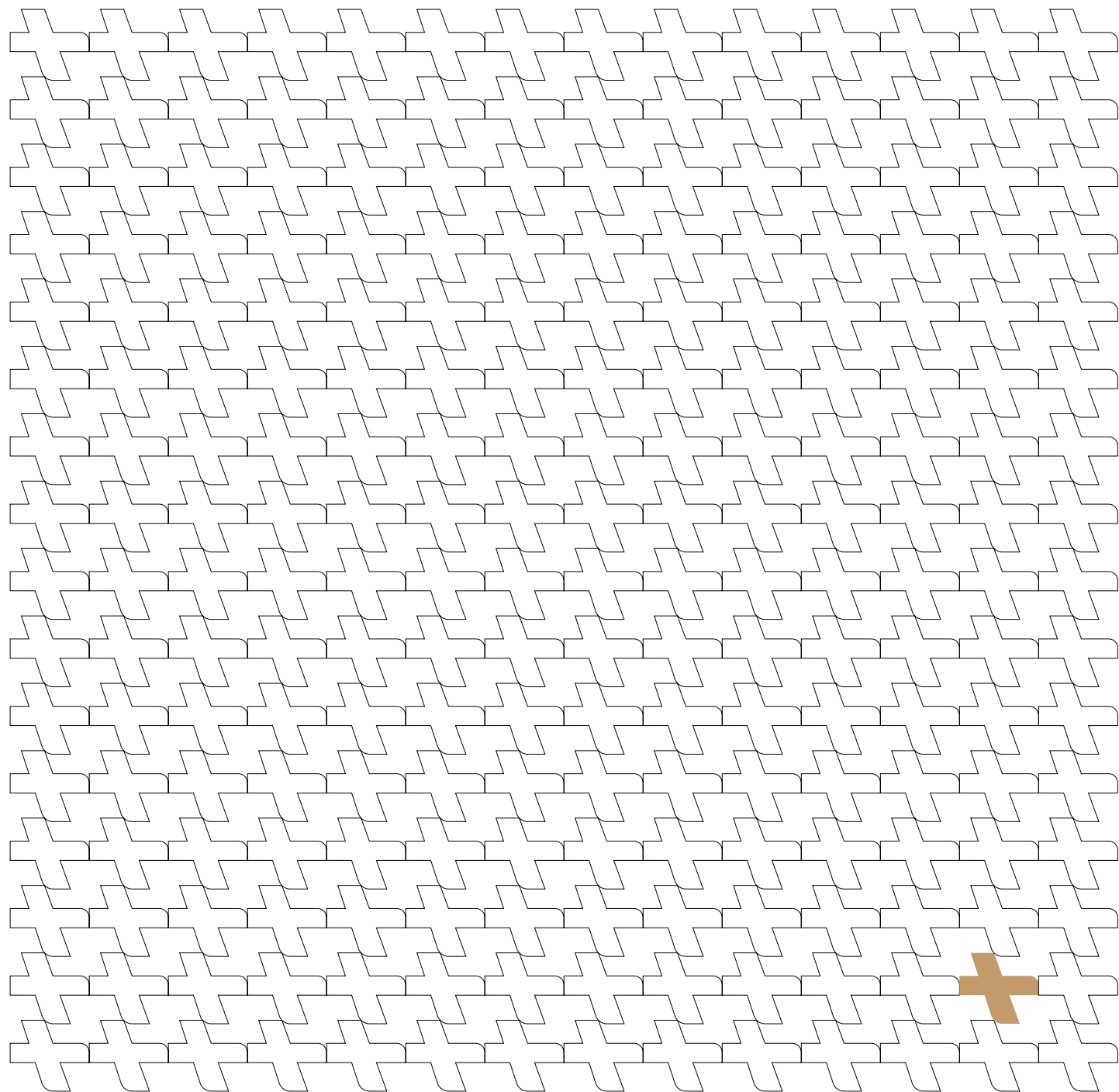




**SilICA<sup>®</sup>**  
Advanced Products of Sand L.L.C



YOUR SAND PROVIDER  
FOR TODAY & TOMORROW





Advanced Products of Sand L.L.C. commercially known as “Silica Plus ®” is a privately owned manufacturing company based in Sharjah, United Arab Emirates. Our current primary focus is on high quality silica raw materials, including silica flour, silica sand, and silica gravel.

As the demand for silica sand continues to grow in industrial and energy sectors, so does the demand for very experienced, well established and highly dependable suppliers/traders. Silica Plus ® is meant to be the supplier of choice who is uniquely positioned to serve its customers and recognized for its superior products, services, and people. We are unique due to our relentless focus on service, ensures that our customers’ needs are consistently met. We deliver the right sand, at the right place, time, and price.

Our full line of silica sand products are tested continuously to ensure they meet customer’s required specifications.





Commercial Silica Sand is widely used in industrial processing to make everyday items such as glass, construction materials, personal care products, electronics, and even renewable materials. It is also used as a proppant by companies involved in oil and natural gas recovery in conventional and unconventional resource plays. Industrial sand is a term normally applied to high purity silica sand products with closely controlled sizing.

Silica ( $\text{SiO}_2$ ) is the name given to a group of minerals composed solely of silicon and oxygen. Found most commonly in the crystalline state, it also occurs in an amorphous form resulting from weathering or plankton fossilization. For industrial and manufacturing applications, deposits of silica-yielding products of at least 98%  $\text{SiO}_2$  are preferred. Silica is hard and chemically inert and has a high melting point, attributable to the strength of the bonds between the atoms. These are prized qualities in applications like foundries and filtration systems. Industrial sand's strength, silicon dioxide ( $\text{SiO}_2$ ) contribution, and non-reactive properties make it an indispensable ingredient in the production of thousands of everyday products.







## Why Silica Plus®

- + We deliver high value for your money.
- + We consistently deliver the highest level of customer service.
- + We respond immediately to address issues and resolve them quickly.
- + We are committed to building long-term partnerships with reputable customers.
- + We are a trusted partner with high ethical standards.



### **COMMITTED TO EXCELLENCE**

Quality materials and services are been promised and delivered.  
We will ensure highest standards for products, services, and people and ensure product integrity through proper testing and process controls.  
We are committed to people and their safety, which further helps us deliver on our promise of quality.

### **CUSTOMER CENTRICITY**

We thrive on exceeding our customer's expectations.  
We consistently deliver superior customer service and flexible enough to tailor our services to our customer's precise specifications.  
Our operations are strategically located and our systems and logistics are designed to consistently deliver the best results.

### **TRUSTED PARTNER**

We believe in forging strong, long-standing relationships.  
By being responsive and reliable, we earn the trust of our stakeholders every day.  
We adhere to the highest ethical standards and do things right the first time.  
We always maintain open lines of communication.





## Our Products

### GROUND SILICA SAND

Our ground silica is sourced from high purity silica mines that can obtain up to 99,8%  $\text{SiO}_2$ . It is used in filter applications, flooring, paints, grout, and other building product applications. The sand improve the application properties as in hardness, chemical resistance, additives demand, PH level and durability.

### RECREATIONAL SILICA SAND

We provide several silica sands for sports fields, golf courses, beach soccer, artificial grass, padel tennis, volleyball, equestrian arenas, horse tracks, sports turfs, and other play ground fields. Play ground grades of silica sand are supplied in consistent sizing to meet the USGA standards.

### OIL & GAS RECOVERY SAND

Our sand is available in angular and sub-angular grain shapes with different sieve distribution to meet the requirement of a range of application.

The diversity of silica sand and silica flour products enables us to complete even the most unique projects. This makes our sand and silica powder compatible with the regional and international demand of the product.

#### PROPERTIES OF SILICA PLUS SAND ARE ALSO SUITABLE FOR:

##### + FOUNDARY AND METAL CASTING

The washed sand is used for foundries, the uniformity in size and high quality of quartz in sand provides the reinforcement needed in foundry casting processes. The washed sand is bonded to form molds or patterns used for ferrous (iron and steel) and non-ferrous (copper, aluminum, brass) metal castings.

##### + GLASSMAKING

Silica Sand is the main ingredient in glass production. The industry requires a silica sand with a high content of  $\text{SiO}_2$ . Sands from Silica Plus have a  $\text{SiO}_2$  content of over 98% and a suitable for use in glass production facilities.





1.4 mm

1.0 - 2.0 mm

2.0 - 3.0 mm

3.0 - 4mm



### + BUILDING PRODUCTS

Silica Plus provides different types of sand used for Construction and Construction chemicals. The Sand provides bulk, strength, and other properties to construction materials. Our sand is also used as a part of precast. GRC, cement sheets, refractory, ceramic, tiles, sanitary ware, and can be used to place between pavers to create decorative yards.

### + PAINTS AND COATINGS

Silica Powder from Silica Plus is used for manufacturing paints and floor coatings. In addition, the high purity of our Silica Powder provides paint and flooring industries with smooth surfaces while introduces tough and durable slip resistant performance to floor paints. The Silica Powder is also used for the purpose of Chemical resistance Coating Primers, Floor Coating, etc.





#### **+ WATER FILTRATION AND INDUSTRIAL TREATMENT**

Using silica sand in filters, produce high-quality water without the use of chemical additives. Sand filters reduce the numbers of bacteria and removes most of the undesirable solids. The medium of most filters is usually silica sand of varying grades usually used in water filters and aquariums.

#### **+ LANDSCAPE**

Our silica reinforces landscape projects with beauty and functionality. Silica Plus provides a range of landscape products to suit playground sand, USGA sand, and sand for volleyball pits and beach themed landscapes.



#### + CUSTOMIZED PRODUCTS

Leading the manufacturing of silica sand, our customized products replace imported qualities of materials and efficiently match the standard product specifications from the Golf course USGA grade, FIFA specs of beach soccer, and volleyball, to lab testing sands in cement, ready-mix and dry mix industries.

#### + DECORATIVE SAND

Our pure decorative sand is suitable for gardens, pavements, carpet flooring, crafts, indoor designs and more. With waterproofing colored, coarse, and rocky textures









**SilICA<sup>®</sup>**

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