

الرشيد
ALRASHEED



شركة محمد هادي الرشيد

Mohammed Hadi Al-Rasheed & Partners Co.





About Us

Al-Rasheed Silica Plant is one of the top producers of silica sand, silica flour, and frac sand in the middle east, operating since 2000. Our main concern is our customers so we manufacture & provide good quality products which meet the consumer's needs and requirements to sustain our position as a leader and provide dedicated service to customers. Our products have unique chemical and physical properties that have made it a substantial material for a wide range of industries and applications. Our silica plant is located at the Al-Dughm area, 50 km from Riyadh, and designed to produce a wide range of silica products used as essential raw material in various industries

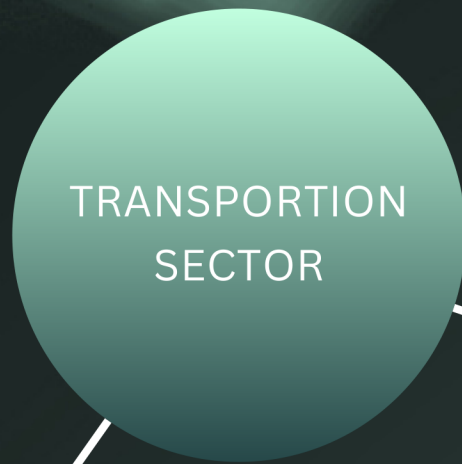
MOHAMMED HADI AL-RASHEED & PARTNERS CO.
A CLOSED SAUDI SHAREHOLDING COMPANY

شركة محمد هادي الرشيد
MOHAMMED HADI AL RASHEED Co.



HIGH QUALITY PRODUCTS PRODUCED TO
MEET THE TOUGHEST SPECIFICATIONS

- Generator power plant
- Silica sand Quarry
- Silica sand plant
- Granite Plant
- Granite Quarry
- Marble Plant
- Aggregates Plant
- Asphalt plant



- Heavy trucks
- Heavy transfer
- Maintenance workshop



- Building construction
- Installation
- Steel works





MISSION

Providing superior product and services to satisfy customer needs by applying high tech- operations through our professional and expert staff.

VISION

Our vision is to be leaders in our activities, Innovative in our technology proactive in our management and transparent in our dealings with client.





PRODUCTS:

With our company infrastructure, manufacturing facilities supported by technical expertise and sales team, are truly well equipped to meet the toughest specifications.



Silica Sand



Silica Flour

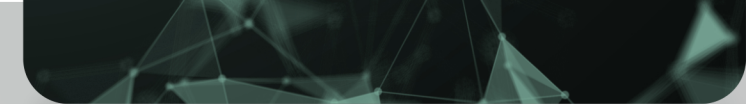


Frac Sand





AL RASHEED
SILICA PLANT





▶▶ AL-Rasheed silica plant

AL-RASHEED is a leading producer of silica sand, silica flour and frac sand, with operation in Saudi Arabia, Riyadh since 2000. Our products have unique chemical and physical properties that have made it a substantial material for a wide range of industries and applications.



Washing



Washing ✓

The sand is washed in different stages to ensure the sand freedom from clay, dust, and ultrafine material.



Drying



Drying

Double shell rotary drum for drying and cooling system with advanced filter system.



Classification



Classification

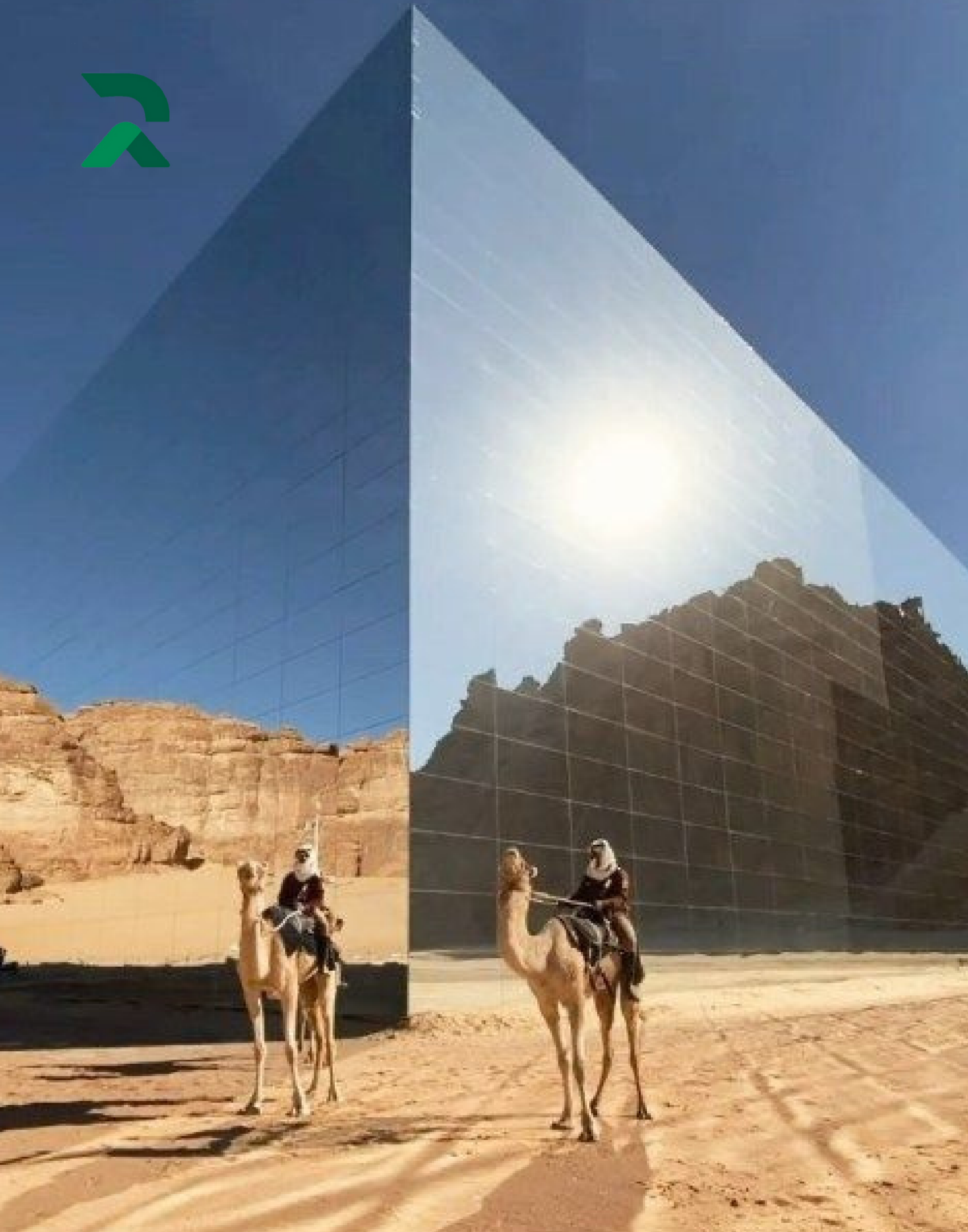
Effective screening with accurate and high capacity separation.



APPLICATION

Whether your application requires high purity silica sand, low iron oxide content, high fusion point (1760 C), low thermal expansion, high permeability, uniform grain shapes, grain size distribution, AL-RASHEED is the ideal choice for you.





GLASS



We're supplying high-purity silica sand, free of contaminations, clear in color, consistent in grain size and low in iron content to improve the performance of your products and enable your production efficiencies and cost saving that boots your bottom line .

Feature and benefit:

high- purity silica content (>99.5% SiO₂)

Extremely low iron content, 120 ppm to 200ppm Fe₂O₃.

Consistent particle size distribution supports superior melting characteristics.

Minimum alkali level .

GLASS REINFORCED PIPES (GRP PIPES)

Sand with high silica content is used as a filler in the reinforcing and stiffness layers to improve both longitudinal and peripheral strength.

Feature and benefit:

Extremely pure silica content (>99.5% SiO₂)
Washed and dried, free of inorganic material.

Natural pH at 7 .

Full-service lab continually monitors product.



FOUNDRY

our washed, dried and classified silica sand is your dependable source for high-integrity casting. Free of defects and with superior finish surface for core and molding applications in iron, steel, ferrous and non-ferrous foundries.

Feature and benefit:

High permeability due excellent fines control.

High strength in all binder systems.

High fusion point (1760°C)

Less amount of binder.

Improve casting surface.

increase molding sand recycling.





CONSTRUCTION CHEMICALS



Silica Sand and silica flour with extremely high-purity, round grain silica sand, coarse to very fine sand is primary structural component in construction applications (Epoxy flooring Grout and plaster-Landscaping Pool Construction- Roofing-Road Paving-Additives - Anchors Adhesives Etc...).

Feature and benefit:

Purity greater than 99.5% SiO₂

Wide range of size

Neutral PH at 7

Washed and dried, free of inorganic material





***PAIN**T AND COATINGS*

Silica Sand and silica flour with unique properties are used to improve finish color, appearance & durability. High purity, Good brightness & reflectance, color consistency and oil absorption of architectural and industrial paint and coatings.s.

Feature and benefit:

- improve tint retention.
- Resistance to dirt and mildew.
- Increase pigment loading.
- Improve finish color.
- Excellent abrasion.

OIL WELL DRILLING

our high purity silica sand is an essential material for the hydraulic fracturing process. In an environment of Immense temperatures and pressures Inside a well,it provides a hard wearing, durable matrix through which gas and liquids can flow.

Feature and benefit:

Ultra high purity silica sand, with no clay, silt, debris or other contaminants.

Highly rounded sand grains, which will consolidate but not compact, in order to leave interstitial spaces (gaps through which gas and liquids can flow)

Highly specific, carefully controlled particle size grading
Monocrystalline structure providing superior strength.



FILTRATION

silica sand filtration grads have a sub-angular to rounded shape, making them an ideal filtration media to capture suspended solids in water. Due to the high silica content, the sand is extremely durable and hard-wearing, allowing it to be precisely graded to facilitate efficient filtering

Feature and benefit:

Full range of particle sizes 200 micron - 3.0 mm

High-quality sub-angular grain

Extremely pure silica content (>99% SiO₂)

Full-service lab continually monitors product

Variety of packaging offered





HIGH QUALITY SILICA SAND, PRODUCED TO MEET THE TOUGHEST SPECIFICATIONS



SPORT & RECREATION

Our High-quality, washed and dried infill sand is used in the wide range of sports surfaces and keep playing field up to international standards.

INFILL SAND

Artificial turf football
Artificial turf tennis court.
Golf courses.
Beach volleyball court.
Horse.



BAGGING AND LOADING



We have a state-of-the-art bagging facility on site. Through this, orders can be fulfilled in any sizes 25 kg to 2 Mt.

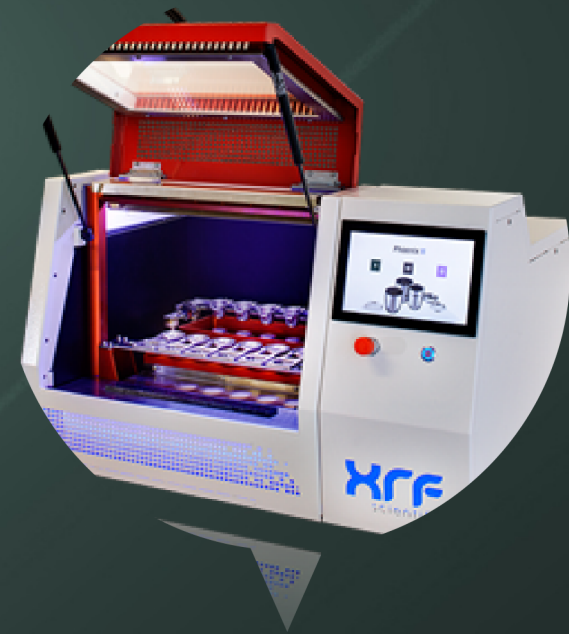


TESTING

During production, the sands undergo frequent and rigorous testing to insure the final products matching customer's specifications. We use state of the art technology to test and assure our quality.



LAB MILL



FUSION
MACHINE



MICROSCOPE



PSA



XRF



DELIVERY





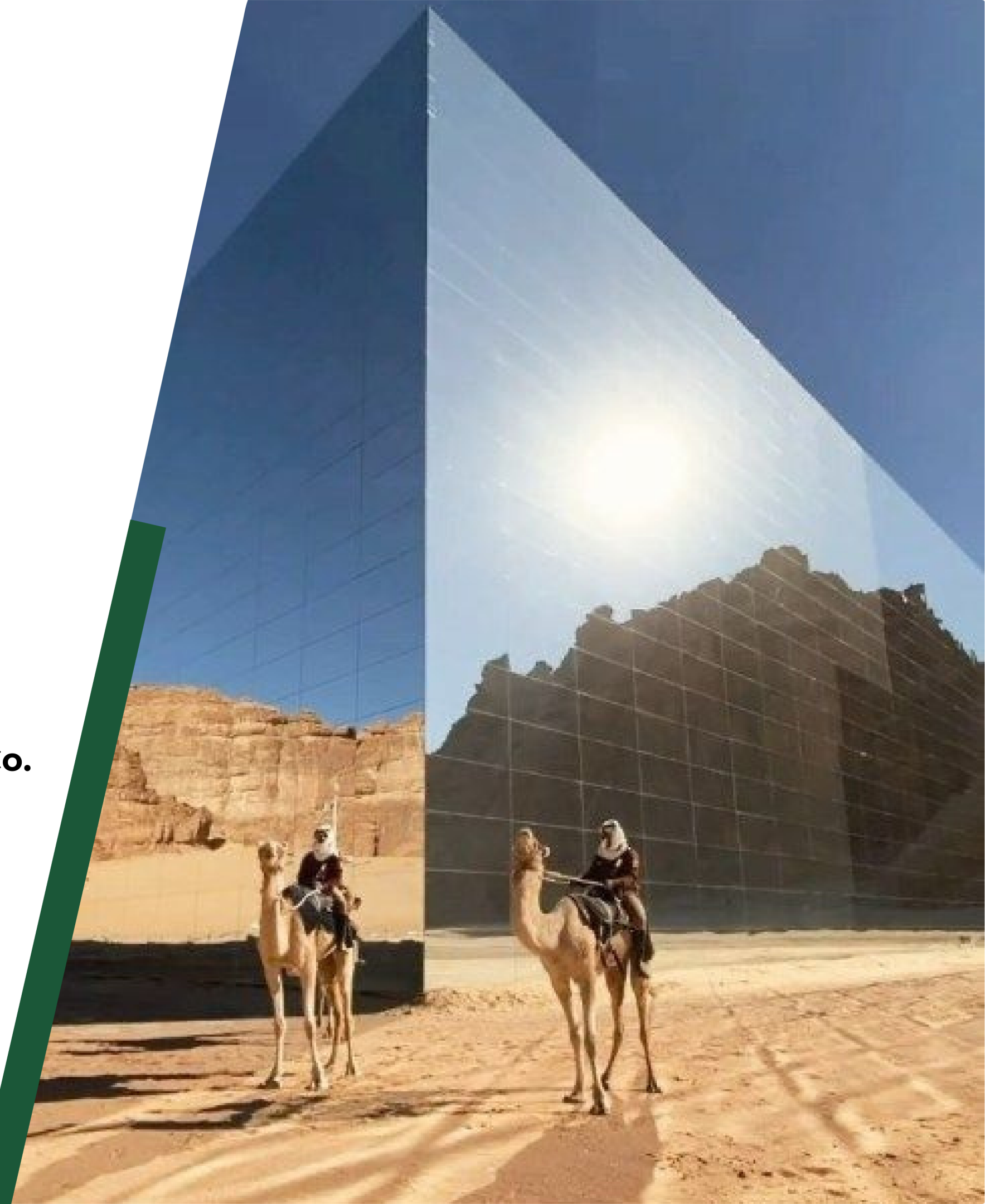
We offer both local and exports all over the world where our material is required.





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