



SOURCING QUALITY,
DELIVERING PEACE





AurastoneTM
RESOURCES

Products we deal in this image : Porcelain Tiles, Sanitary wares, Faucets, Home Textiles...



OUR PRODUCTS

- Granites
- Marbles
- Natural Stones
- L'Estella ^{New}
- Precious / Semi-Precious Stones
(Slabs - Tiles - Accessories)
- Fly Ash
- Marbnites (Poly Marble / Granite) ^{New}
- Ceramics
- Mosaics
- Porcelain Tiles
- Quartz
- Bath (Tubs - Trays - Sinks)
- Sanitary Wares
- Kitchen Wares
- D'Neuvo ^{New}
- Fine Fireclay Collections
- Faucets
- Laminates
- Wooden Flooring
- Wooden Wall Panels
- Doors (Purewood / Hardwood)
- Patio Furnitures
- Designer Furnitures
- Modular Kitchen
- Doors, Windows & Cabinet Systems
- UPVC Windows & Louvers
- Plumbing
- Lighting
- Home Textiles
- Arts, Crafts & Decor
- Printing Solutions

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AURASTONE GROUP IS AN INDIAN SOURCING, PROCESSING AND DISTRIBUTION COMPANY

We Deal With The Following Products

- Marbles, Granites, Natural Stones & Quartzite
 - Ceramic Tiles, Porcelain Tiles, Floor Tiles & Wall Tiles
 - Wood, Hardwoods, Pure Wooden Doors & Hardwood Doors,
 - Kitchen Wares, Sanitary Wares, Brass Ware & Copper Wares,
 - Faucets, Bathtubs, Shower Trays, Hydrotherapy Cabins & Bathroom Accessories
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Aurastone Group is an Indian Sourcing, Processing and Distribution Company with Capability of supplying innovative and luxurious building materials based on the customer's requirements. At present we cater to both residential and commercial construction projects in India and the Middle East.

We are known for identifying the best products and we are supported by experienced consultants who render their expertise in sourcing materials as per our customer's needs, which not only helps us in dealing with (will help us in sourcing the materials from) the right companies. It also helps us to develop effective operating procedures in sourcing.

We have tie-ups with various manufacturers who follows, stringent manufacturing norms required for exports and we have a team of experts who does the third-party audit to ensure that we source the best products.

Associating with us will help you in reducing the burden of scouting the materials, the time involved in procurement and quality check which will enable you to source the best materials, ensure prompt to supply that helps you to complete your projects in time.

VISION

Our Vision is to be benchmarked for quality sourcing and be the preferred brand amongst the Construction industry globally by 2025

MISSION

Our Mission: is to source best construction and allied materials using experts who are both quality and environment conscious supported by a team of dedicated staff who will be constantly trained and provide with apt infrastructure

VALUES

OUR VALUES ARE

- A** - Align our services in line with customers needs
- U** - Understand the needs of both internal and external customer to serve them better
- R** - Review our performance regularly to improve our services
- A** - Act Assertively during challenging situation
- S** - Seek and share knowledge
- T** - Train ourselves regularly to be updated
- O** - Own the problem
- N** - Nimble in action
- E** - Empathise to ensure we care



FLY ASH POWDER

Fly ash is a by-product produced while burning finely ground coal in a boiler to produce electricity. It is removed from the plant exhaust gases primarily by electrostatic precipitators or bag houses and secondarily by scrubber systems. Physically, fly ash is a very fine, powdery material, composed mostly of silica. Nearly all particles are spherical in shape. Fly ash is a pozzolan, a siliceous material which in the presence of water will react with calcium hydroxide at ordinary temperatures to produce

cementitious compounds. SiO_2 , Al_2O_3 , Fe_2O_3 and occasionally CaO are the main chemical components present in fly ashes.

Fly ash significantly improves concrete performance in different ways and also provides many benefits in cement and non-cement applications. Fly Ash colour can vary from grey and dark grey, yellowish tan and light to brownish.



Fly Ash is optimized for its fineness while reducing the water demand and improving the chemical compositions to maximize its benefits when used in concrete. Fly-ash can also be used as an add-on to concrete mixture with pozzolanic and/or latent hydraulic properties.

We at AURASTONE selectively collect fly ash and subject to rigorous testing, further refine these collected materials to produce quality fly ash products meeting the needs of our customers.

AURASTONE supply capacity more than 216,000 TPA of material in Asia, Middle East & Africa and across India. Our Fly Ash bagging unit is located very close to Krishnapatnam Port popularly known as KPCL port, our facilities includes in-house container loading throughout a year and huge warehouse to store cargo.



Construction Industry



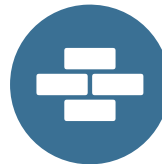
Infrastructure Development



Ready Mix Concrete



Precast Concrete



Brick Making Plant



Grout Formulation



Specialist Projects

Advantages of Fly Ash in Concrete

- Fly Ash is a Pozzolan
- Improves concrete workability and lowers water demand
- Sulfate and Alkali Aggregate Resistance
- Rise in compressive strength over time
- Environment friendly



Construction Aggregates

Building & Construction Materials

Aggregates are mixtures of sand, gravel, crushed rock or other bulk minerals used in construction, principally as a component of concrete, and in civil engineering.

At Aurastone we supply aggregates for a range of core applications, from fill materials to aggregates that can be used in concrete, precast concrete, asphalt and for surface dressing. Aggregate plays an important role in the concrete and construction part. We supply quality material which makes durable concrete with higher compressive strength and low permeability having better finish. We can supply a

wide range of coarse, fine and blended aggregates in accordance with international standards.

We acquire rock mines and stone crushing plants and enable us to fulfil contracts of any size. Progressive stages of crushing and screening enable us to produce a range of aggregate sizes (06mm to 65mm).



Road and
Highway surfaces



Pulp and
paper industry



Textiles



Waste and
water treatment



Titanium dioxide
pigment production



Salt

Salt is a mineral composed primarily of sodium chloride (NaCl), a chemical compound belonging to the larger class of salts; salt in its natural form as a crystalline mineral is known as rock salt or halite.

Salt is present in vast quantities in seawater, where it is the main mineral constituent. The open ocean has about 35 grams (1.2 oz) of solids per litre, a salinity of 3.5%. Salt is essential for human life, and saltiness is one of the basic human tastes. The tissues of animals contain larger quantities of salt than do plant tissues. Salt is one of the oldest and most ubiquitous food seasonings, and salting is an important method of food preservation.

India is the third largest Salt producing Country in the world after USA and China.



Synthetic soda ash production



Pulp and paper industry



Textiles



Waste and water treatment



Titanium dioxide pigment production



Seasoning



Petroleum Additives



Dyes and intermediates



Pharmaceuticals



Drilling in the oil and gas industry

Uses of Salt

- Chloro Alkali Industry
- Edible Industry
- Road Deicing
- Softening Hard water



Bentonite Mineral

Bentonite is a particular kind of clay derived from volcanic ash and consists mainly of montmorillonite with minor amounts of illite, kaolinite, cristobalite and other minerals.

Bentonite has strong colloidal properties and, when in contact with water, increases its volume several fold by swelling, forming a thixotropic, gelatinous substance. Main uses of Bentonite take advantage of these colloidal properties. The main characteristics of Bentonite is its decolorizing power, that is the

property of the earth to absorb selectively certain pigments rather than others according to the characteristics of the product to be decolorized (acidity, oxidation degree, origin and biological state etc.)



Synthetic soda ash production



Pulp and paper industry



Textiles



Waste and water treatment



Titanium dioxide pigment production



Seasoning



Petroleum Additives



Dyes and intermediates



Pharmaceuticals



Drilling in the oil and gas industry



Kaolin

Kaolin, also called China Clay, is nearly white in colour. It is distinguished from other industrial clays based on its fine particle size and pure colourings. Its ability to disperse in water makes it an ideal pigment.

The primary constituent in kaolin is the mineral kaolinite, a hydrous aluminum silicate formed by the decomposition of minerals such as feldspar. Hydrous kaolin is characterized by its fine particle size, plate like or lamellar particle shape and chemical inertness.



Paints, Coating
& Pigments



Pharmaceuticals,
Cosmetics and Medical
Applications



Plastics



Purifier



Ceramics



Fibreglass



Ultramarine
industries

Feldspar

Feldspar is the name given to a group of minerals distinguished by the presence of alumina and silica (SiO_2) in their chemistry.

This group includes aluminum silicates of soda, potassium, or lime. It is the single most abundant mineral group on Earth. They account for an estimated 60% of exposed rocks, as well as soils, clays, and other unconsolidated sediments, and are principal components in rock classification schemes. The minerals included in this group are the orthoclase, microcline and plagioclase feldspars.



Glass making



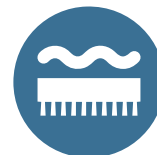
Ceramics



Porcelain



Electrodes



Abrasion

Quartz

Quartz is the most abundant and most common mineral on the Earth. It is found in almost every geological environment and also it is at least a component of almost every rock type.

It has a hexagonal crystal structure and is made of trigonal crystallized silica. It is most varied in terms of varieties, colours and forms.

The most important distinction between the types of quartz is that one is of macro crystalline, which is individual crystal visible to the unaided eye, and the other is microcrystalline or cryptocrystalline varieties, aggregates of crystals visible only under high magnification. Chalcedony is the generic term for cryptocrystalline quartz. The transparent variety tends to be microcrystalline and the cryptocrystalline varieties are either translucent or mostly opaque.



Glass making



Ceramics
and Paints



As an Abrasive



As a Foundry Sand



Petroleum
Industry



Construction



Bauxite

Bauxite is a naturally occurring mineral comprising mainly of aluminium hydroxides (the trihydrate Gibbsite $\text{Al}(\text{OH})_3$ and the AlOOH monohydrate polymorphs boehmite and diaspore), with other components in the mineral typically being silica, iron oxide, titania and aluminosilicates (clay etc). It's a rock from Laterite soil and it is a primary Ore of Aluminium.

Properties of Bauxite include low iron content; a high Polished Stone Value (PSV) for high friction surfacing applications; a high melting point and density



Gunning materials



High friction surfacing



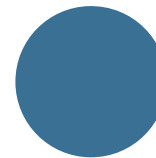
Minerals for abrasion



Refractory castables



Mouldable and Ramming Mixes



Refractory mineral blends



Packaging



Small Bags



Big Jumbo Bags



As per customer's
requirement

Shipment



Bulk Road & Sea



Containerized



Break Bulk



Bulk (Loose)



Cement Fly Ash Powder

Packaging Type : Plastic Bag
Packaging Size : 30-300 Micron
Grade : C-618
Color : Grey

Classified Fly Ash Powder

State : Powdered
Packaging Size : Packet
Packaging Size : 30-300 Micron
Grade : C-618



Coal Fly Ash

State : Powdered
Packaging Size : Packet
Packaging Size : 30-300 Micron
Grade : C-618

Construction Fly Ash Powder

Packaging Type : Plastic Bag
Packaging Size : 30-300 Micron
Grade : C-618





Dry Fly Ash Powder

Packaging Type : Plastic Bag
SiO₂ Content (%) : 30-300 Micron
CaO Content (%) : 0.01
CrO Content (%) : 0.1~0.3%

Fine Fly Ash Powder

Packaging Size : Plastic Bag
Packaging Size : 30-300 Micron
Grade : C-618



Red Fly Ash Powder

State : Powdered
Packaging Size : Plastic Bag
Packaging Size : 30-300 Micron
Grade : C-618

Wet Fly Ash Powder

State : Powdered
Packaging Size : Packet
Packaging Size : 30-300 Micron
Grade : C-618





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