

ABOUT US



Harjika Constructon Company was by **Mr. HARIOM BANSAL**, who is the Managing Director of the company. The company is engaged in the manufacturing of Hydrated Lime.

Arthstone is a reliable and reputable brand of high-quality chemicals, catering to a diverse range of industries. We understand the critical role that chemicals play in various sectors. It takes pride in building strong and lasting relationships with its customers. Whether you are looking for specialty chemicals, intermediates, or custom manufacturing solutions, "**Arthstone**" is your trusted partner. We are driven by a passion for excellence and a commitment to driving progress through chemistry. Join us on this exciting Journey as we continue to redefine the possibilities of the chemical industry.

OUR VALUES

To be the preferred brand of choice for chemicals, delivering exceptional products and services that contribute to the success and growth of our customers.

OUR VISION

To provide superior quality chemicals, unparalleled customer service, and sustainable solutions that drive our clients' success and foster long-term partnerships.



Mr. Hariom Bansal

a highly motivated and accomplished professional who possesses a deep passion for personal and professional growth. Throughout his career, he has excelled in various fields, showcasing versatility and adaptability. Whether it's leading teams, managing complex projects, or driving business development initiatives, he consistently displays exceptional leadership skills and a commitment to achieving exceptional outcomes.



**HYDRATED
LIME**



QUICK LIME



**MICRO
SILICA**



BITUMEN



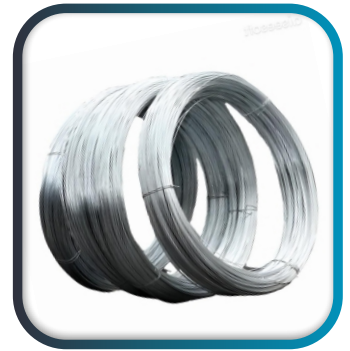
CHINA CLAY



VERMICULITE



**BENTONITE
POWDER**



BINDING WIRE



**HASSIAN
CLOTH**



**HYDRRAULIC
OIL**



**TRANSFORMER
OIL**

WHY ARTHSTONE ?



Arthstone is a leading provider of construction and industrial chemicals in Delhi, India. We have been in business since 2017 and have a team of experienced and qualified professionals who are dedicated to providing our customers with the best possible service.

Our products are used in a variety of applications, including :

- Concrete production
- Waterproofing
- Bricklaying
- Roofing
- Painting
- Mining
- Plastering
- Agriculture
- Oil and gas production

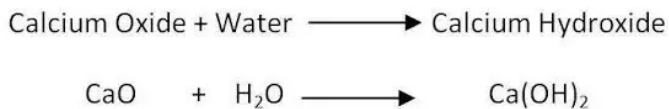
Company Values

- **Quality** : We are committed to providing our customers with the highest quality products and services.
- **Customer service** : We are committed to providing our customers with excellent customer service.
- **Sustainability** : We are committed to sustainability and use recycled materials whenever possible.
- **Innovation** : We are committed to innovation and continually looking for new ways to improve our products and services.
- **Teamwork** : We are a team-oriented company and believe that everyone has a role to play in our success.
- **Integrity** : We are honest and ethical in our business dealings.
- **Respect** : We respect our customers, employees, and suppliers.

We believe that these values are essential to our success and we are committed to upholding them in everything we do

HYDRATED LIME

Hydrated lime, also known as calcium hydroxide (Ca(OH)₂), is a chemical compound that offers a wide range of applications across various industries. It is created through the hydration of quicklime (calcium oxide), resulting in a fine white powder with exceptional properties. Hydrated lime's versatility, reliability, and numerous beneficial characteristics make it an invaluable product for countless industrial processes.



MANUFACTURING UNIT

ARTHSTONE hydrated lime is manufactured at **HARJIKA CONSTRUCTION COMPANY**'s state-of-the-art manufacturing plant in **Jodhpur, Rajasthan**. The plant is equipped with the latest technology to ensure that **ARTHSTONE** hydrated lime meets the highest quality standard. Harjika Construction Company is a leading manufacturer, supplier and trader of Hydrated Lime with brand name **ARTHSTONE**.

We are committed to providing our customers with high-quality Hydrated Lime at a competitive price. We have a proven track record of providing high-quality products and services to our customers. We are committed to providing our customers with the best possible products and services at a competitive price.

Uses of Hydrated Lime

ARTHSTONE hydrated lime has a wide range of uses, including in the following sectors:

- **Construction**

Hydrated lime is used in the production of mortar, concrete, and plaster. It is also used to make whitewash and other lime-based paints.

- **Agriculture**

Hydrated lime is used to improve soil pH, reduce acidity, and control pests and diseases. It is also used to make animal feed supplements.

- **Industry**

Hydrated lime is used in the production of paper, glass, and other materials. It is also used in water treatment and wastewater treatment.

- **Chemical Manufacturing**

Hydrated lime serves as a crucial ingredient in the production of chemicals, including calcium-based catalysts, calcium hypochlorite, and calcium stearate.

- **Asphalt additive**

Lime can be added to asphalt to improve its properties, such as its resistance to water damage and cracking. This can extend the life of the asphalt and make it more durable.

In short, hydrated lime is a versatile material that can be used to improve the performance of roads in a variety of ways.

Attributes

ARTHSTONE hydrated lime is a high-quality product that meets the highest industry standards. It is pure, white, and free of impurities. It is also non-toxic and environmentally friendly.

Hydrated Lime Test Report

The following table shows the results of a recent test of ARTHSTONE hydrated lime:

Specification	Hydrated Lime 85%
% of available lime as CA(OH) ₂	+85%
Active Cao%	64.32%
Acid Insolubles(Max.)%	1.3%
Iron and Alumina	In Traces
Magnesia as Mgo (Max.)%	1%
MESH (BSS)	200
Packing	PP/HDPE Bags/Bulker

Packaging

ARTHSTONE hydrated lime is available in 50 kg bags, 700 kg jumbo bags, and bulk. The bags and jumbo bags are made of high-quality materials that protect the product from moisture and contamination.

Life Span

ARTHSTONE hydrated lime has a shelf life of 1 year when stored in a dry, cool place.

Conclusion

ARTHSTONE hydrated lime is a high-quality product that is used in a wide range of applications. It is a safe, environmentally friendly, and cost-effective material that can be used in a variety of projects.



MICRO SILICA

What is Micro Silica ?

Micro silica is a fine powder made from silicon dioxide. It is a natural mineral that is abundant in the earth's crust. Micro silica has a number of properties that make it useful in a variety of applications, including construction, manufacturing, and industrial applications.

Production

Micro silica is produced by a variety of methods including crushing and grinding quartzite or sandstone. The resulting powder is then screened to remove any large particles.

Multiple Uses

ARTHSTONE micro silica has a wide range of uses, including

- **Construction**

It can be used to improve the strength, durability, and water resistance of concrete, mortar, and grout.

- **Manufacturing**

It can be used to improve the strength, toughness, and resistance to heat and chemicals of epoxy resins, paints, and coatings.

- **Industrial applications**

It can be used in a variety of industrial applications, such as the production of ceramics, glass, and silicon carbide.

Health and Safety Information

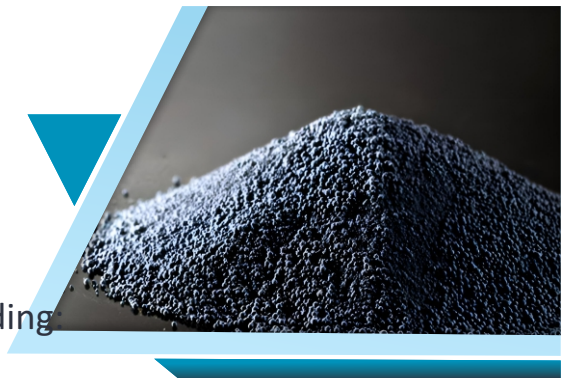
It is a non-toxic product. However, it can cause skin irritation if it is not handled properly. It is important to wear gloves and a dust mask when handling ARTHSTONE micro silica.

Quality Control

ARTHSTONE micro silica is manufactured under strict quality control standards. The product is tested for particle size, specific gravity, bulk density, water absorption, pH, loss on ignition, and other properties. ARTHSTONE micro silica meets or exceeds all applicable standards.

Product Technical Data Sheet

The following table shows the technical specifications for ARTHSTONE micro silica:



Property	Specificaation	Standard
Partcle size	0.01-0.05 microns	ASTM C845
Specific gravity	2.20	ASTM C845
Bulk density	150-200 kg/m ³ 150-200 kg/m ³	ASTM C845
Water absorpton	<0.5%	ASTM C845
pH	6.0-8.0	ASTM C845
Loss on igniton	<0.1%	ASTM C845
Compressive strength (at 28 days)	30% increase	ASTM C845
Flexural strength (at 28 days)	20% increase	ASTM C845
Water penetraton	50% reducton	ASTM C1240
Freeze-thaw durability	100% improvement	ASTM C1240
Workability	Improved	ASTM C1240

Highlights of Uses in Construction

ARTHSTONE micro silica is a valuable additi e for concrete, mortar, and grout. It can improve the following propertiesof these materials:

- **Strength** : It can increase the compressive strength of concrete by up to 30%.
- **Durability** : It can make concrete more resistant to water penetraton, freeze-thaw cycles and other environmental factors.
- **Workability** : It can improve the workability of concrete, mortar, and grout, making them easier to mix and place.It is a cost-effecve way to improve the performance of concrete, mortar, and grout. It is a safe and environmentally friendly product that can be used in a variety of applicatons.

Conformance to Standards

ARTHSTONE micro silica conforms to the following standards:

- **ASTM C845** - Standard Specificaationor Silica Fume Used in Concrete
- **ASTM C1240** - Standard Specificaationor Microsilica Used in Mortar and Grout
- **ISO 9001:2015** - Quality Management Systems

Packaging and Storage

ARTHSTONE micro silica is packaged in 25 kg bags. The bags are stored in a dry, cool place.

BITUMEN

What is Bitumen ?

Bitumen is a black, sticky, and highly viscous liquid or solid form of petroleum. It is a naturally occurring substance that is found in oil sands and tar pits. Bitumen is also a by product of the distillation of crude oil. It is a high-quality product that is manufactured using state-of-the-art equipment and processes. It is produced in a controlled environment to ensure that it meets the highest standards of quality and purity. It is also available in a variety of sizes and packaging options to meet the needs of different customers.

USES

Bitumen is used in a variety of industries, including:

- **Construction**

It is used to make asphalt, which is used to pave roads and highways. It is also used to make roofing materials, sealants and adhesives.

- **Oil and Gas**

It is used to seal oil and gas wells. It is also used to make drilling fluids and other products used in the oil and gas industry.

- **Other Industries**

It is used in a variety of other industries, including the mining, chemical and manufacturing industries.



Grade	Viscosity Range at 60o (Absolute Viscosity)	Typical Applications
VG-10 Bitumen	800-1200	Recommended for road construction in cold regions ideal for spraying Used in production of Bitumen emulsion
VG-30 Bitumen	2400 - 3600	Maximizes asphalt performance in hot regions A more reliable choice than bitumen pen 60/70
VG-40 Bitumen	3200 - 4000	Works in areas with high traffic loads well suited for road construction in hot weather

Attribues

Bitumen is a high-quality product that has a number of attributes, including:

- **High viscosity**

Bitumen is highly viscous, which makes it ideal for applications where a strong adhesive is required.

- **Water resistance**

Bitumen is water resistant, which makes it ideal for applications where water exposure is a concern.

- **Durability**

Bitumen is durable and can withstand a wide range of environmental conditions.

Embossed Bitumen

Embossed bitumen is a type of bitumen roofing material that is manufactured with a textured or patterned surface. This process involves passing the bitumen material through embossing rollers or presses that contain the desired design. The rollers impart the pattern onto the surface, resulting in a three-dimensional textured appearance.

Non - Embossed Bitumen

Non-embossed bitumen refers to a type of bitumen roofing material that has a smooth, plain surface without any patterns or textures. Non-embossed bitumen is commonly used in roofing applications where a plain, untextured surface is desired.

Packaging

Bitumen is available in a variety of sizes and packaging options to meet the needs of different customers. We offer 200kg drums, 1000kg bulk bags and tanker loads.

Lifespan

Bitumen has a lifespan of approximately 10 years when stored in a cool, dry place.

Conclusion

Harjika Construction Company is a wholesale trader of Bitumen with brand name **ARTHSTONE**. We have our head office in Delhi. We supply Bitumen to a variety of customers, including construction companies, oil and gas companies and other industries. We are committed to providing our customers with high-quality Bitumen at a competitive price. We are a leading supplier of Bitumen to the NHAI Highway Projects. We have a proven track record of providing high-quality products and services to our customers. We are committed to providing our customers with the best possible products and services at a competitive price.



+91-9818491059, +91-9319719968



www.arthstone.com



info@arthstone.com



Office no.108, 1st Floor, BB Block, Vardhman Market, Shalimar Bagh, Delhi-110088