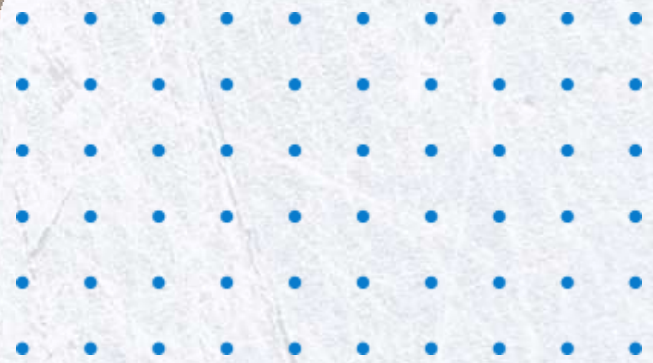




Revolutionizing concrete with Samridh Traders



Samridh Traders

#STRENGTH #DURABILITY #SUSTAINABILITY

SAMRIDH GRANULAR



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WELCOME TO SAMRIDH GRANULAR

Welcome to **Samridh Granular**, a leading organization at the forefront of manufacturing and distributing **microsilica**, under the brand name **Samridh Traders**. Our cutting-edge facility, located in Bhutan, is dedicated to setting industry benchmarks in plant and machinery, production processes, and quality systems.

We are on a mission to contribute to a cleaner and safer environment by minimizing embodied energy and reducing pollution. At **Samridh Granular**, quality is our priority, and we are committed to delivering high-quality products that strictly adhere to Indian standards.



Why Samridh Traders?

Samridh Traders is a dry powder made of silica fume, following IS15388 standards. It helps to improve concrete and mortar by packing particles better and reacting effectively as a pozzolan.

Samridh Traders comes in a densified form with a typical bulk density of 500 to 700 kg/m³ and is sourced from Bhutan.

The properties of **Samridh Traders Microsilica** undergo regular testing following IS 15388 and ASTM C1240 standards.



Why Samridh Traders?

- Effectively lowers the rate of carbonation in concrete and reduces permeability to chloride, enhancing durability and longevity.
- Enhances abrasion-erosion resistance and ensures a more uniform and consistent composition by improving segregation resistance.
- Mitigates thermal cracking, offers effective corrosion protection, and provides high bond strength and flexural strength in concrete.



APPLICATIONS OF SAMRIDH TRADERS

1. **High Strength Concrete Structures**

- **Samridh Traders** is well-suited for the construction of high-strength concrete structures, ensuring structural integrity and stability.

1. **Precast Structures for Metro and Flyovers**

- Our materials meet the demanding requirements of precast structures for metro systems and flyovers, making them an optimal choice for these projects.

INDIAN STANDARD DATA

Test Certificate of Silica Fume

Sl No	Composition	Percentage
1	Bulk Density	550-600 KG/M ³
2	Coarse Particles	0.30%
3	H ₂ O	0.60%
4	LOI	3.60%
5	SiO ₂	86.30%
6	Al ₂ O ₃	1.43%
7	Fe ₂ O ₃	3.78%
8	CaO	1.03%
9	MgO	0.67%
10	Alkalies as Na ₂ O	-

SAMRIDH TRADERS

Our Products| Samridh Traders



SAMRIDH GRANULAR



CALL FOR INQUIRY

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