



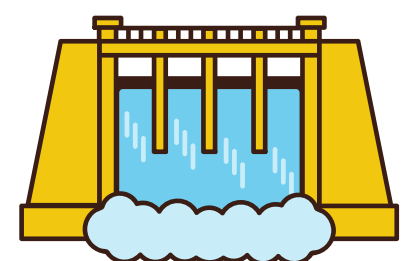
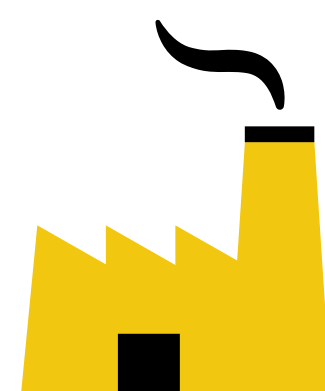
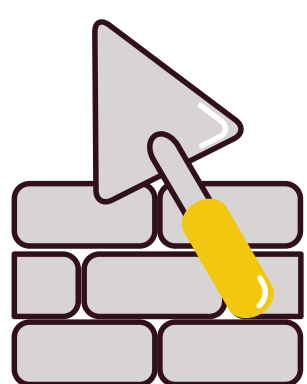
ADINATH INDUSTRIES

MANUFACTURERS & EXPORTERS OF ALL
TYPES OF MINERAL POWDERS & CHEMICALS

MICRO SILICA FUMES



AN ISO 9001 - 2015 CERTIFIED COMPANY



INTRODUCTION

Adinath Industries is an ISO 9001 and 2015 certified company
We manufacture & export all ranges of Silica, various Minerals and
Chemicals from Rajasthan, India.



We have our 3 production lines in Kishangarh, Ajmer, Rajasthan, India
having production capacity of 1800 tons per month.

Our Team

We have highly qualified and experienced engineers, trained workers, technicians,
research personnel and quality experts who work with a team spirit and dedication to
bring forth the best.

Our Objective

To keep pace with ever-growing market demands of quality products, we have
considerably invested in a sound infrastructure. It is the core strength of our company,
which supports us to bring the best possible for our customers' requirements.

Our Approach

We have effectively diversified our activities encompassing quarrying, mining, grading,
crushing, processing of various mineral powders & chemicals to ensure excellent
production and total customer satisfaction.

Our Products

Micro Silica/Silica Fumes

Quartz Powder/Sand

Silica Powder/Sand

Bentonite Powder

Calcium Hydroxide/ Hydrated Lime

Marble & Granite



MICRO SILICA FUMES

ADVANTAGES

- Higher compressive strength by 10-20 %
- Reduces the rate of carbonation
- Lower permeability - Resistance to penetration of water, chloride & other chemicals
- Lower free lime formation - Delays Ettringite and Thaumasite formation
- Controls bleeding in fresh concrete
- Lower Heat of Hydration, which prevents formation of cracks.

PROPERTIES

Appearance - Very fine powder

Colour - Grey

Odour - Odourless

Particle Size - 45 microns

SiO₂ - Silica 90 % minimum

Humidity - 2 % maximum

TEST	UNIT	RESULT
SILICA (SiO ₂)	%	>90
ALUMINA (Al ₂ O ₃)	%	<0.5
ALKALI (K ₂ O)	%	<0.3
LOI at 905 degree Celcius	%	<4
Moisture	%	<1
Wet Sieve Analysis (Retained on 325 BSS Mesh)	%	<4
Bulk Density (After 100 taps)	gm/cm ³	500-700

HOW IT WORKS

Pozzolanic effect: It increases the performance of concrete & mortar formations. It acts physically to optimise particle packing of concrete or mortar mixture and chemically as a high reactive pozzolan.

Micro filler effect: It is an extremely fine material, with an average diameter much finer than the cement. It gets well distributed in the cementitious paste, thus blocking the bleed-water channels.

PACKAGING

Available in 25 Kg HDPE bags or Jumbo Bags (1000 Kg).

QUALITY

Adicon Micro Silica Fumes is a super pozzolan - a finely powdered material which when added to cementitious matter increases durability and gives higher strength. It complies with ASTM C1240.





Contact Us

Adinath Industries

(An ISO 9001 - 2015 certified company)

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