



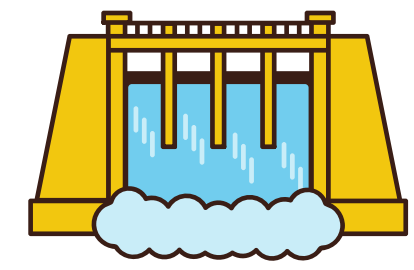
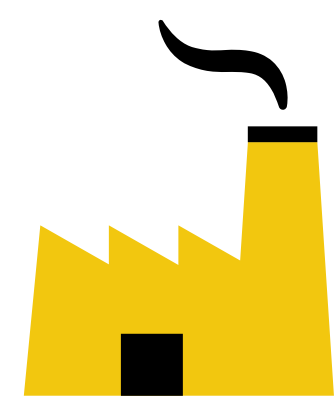
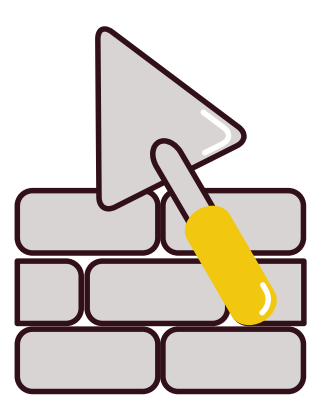
ADINATH INDUSTRIES

MANUFACTURERS & EXPORTERS OF ALL TYPES OF MINERAL POWDERS & CHEMICALS

HYDRATED LIME



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



HYDRATED LIME

Hydrated Lime or Calcium Hydroxide is produced by reacting quicklime with water. The product's purity and surface area facilitate its chemical reactivity and settling rate. Our commitment to quality ensures that these highly desirable characteristics are consistently produced providing users with a low residue, quality material that meets their requirements.

<u>Parameters</u>	<u>Result</u>
Ca(OH) ₂	85.50%
CO ₂	3.20%
SiO ₂ (Acid insoluble matter)	2.10%
Volatile matter at 105 Deg. Cen.	0.20%
Fe ₂ O ₃	0.10 %
Al ₂ O ₃	0.20 %
MgO	0.60%
CaO (Unburnt lime)	1.20%
Mn ₂ O ₃ (Manganese)	0.02%

APPLICATIONS

- Stabilization of road surfaces.
- Filler in asphalt to improve resistance to high temperature rutting.
- Water treatment industry for softening, pH adjustment/ coagulation and removal of impurities.
- Road Construction.
- Caustic soda.
- Ph Correction.
- Hot Mix Asphalt.
- Making of Iron & Steel.

PROCESS

Generally Hydrated Lime is the hydrated oxide of calcium – Hydrated lime Ca(OH)₂. When water is added to the quicklime, it hydrates or slakes to form calcium hydroxide (hydrated lime)
Calcium Oxide (CaO)+ Water (H₂O) = Calcium Hydroxide (Ca(OH)₂) + Heat .

PACKAGING

Available in 50 Kg HDPE Bags or Jumbo Bags (1MT)





Contact Us

Adinath Industries

(An ISO 9001 - 2015 certified company)

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