

# OUR INTEGRITY IS AS SOLID AS OUR CONCRETE



- MINERALS & ORES
- FERRO ALLOYS
- CONCRETE BLOCKS
- FLY ASH BRICKS
- LIGHT WEIGHT BLOCKS
- READY MIX PLASTER
- JOINTING MORTAR
- INTERLOCKING PAVERS
- FIRE SAFETY APPARATUS
- BIO FUELS

*AR-Mine's*  
*Industries*

[www.arminesind.com](http://www.arminesind.com)

## INTRODUCTION



*Mr. Arman Bankley*  
Founder



*AR-Mine's Industries*, a partnership firm, comprising of two partners Mr. Arman Jitendra Bankley and Mrs. Avani Arman Bankley was established in 2009. Mr. ARMAN JITENDRA BANKLEY a techno commercial personality, an experienced chemical engineer with an experience of 20 years as a founder member of Dimac Organics Pvt Ltd, who with his rich knowledge in manganese ore and varied experience ushered the firm on the highway of success in a very short span of time. With his profound knowledge, hard work and sheer dedication he further expanded and boosted the trading and manufacturing activities and has today achieved a prime position of respect and confidence in the industry.

His sharp business sense has motivated him to diversify his business venture in the field of manufacturing of Automatic machine made Concrete Blocks, Cement Products , Fire prevention and Safety Apparatus in year 2011 and 2016 respectively . In a short span of time this new business venture has also been a great success catering to the requirements of reputed upcoming real estate projects and Pharma Industries in Goa.

In year 2018 started *AR-Mine's Building Solutions* at Goa with manufacturing of Ready Mix Plaster and Jointing Mortar Blockset. Also diversified by forming *AR-Mine's Bio Fuels* with take over of Agro waste Biomass Briquettes plant in Kolhapur, Maharastra.

*AR-Mine's Industries* has its own processing plant, adequate warehousing facilities, modern computerized infrastructure, very sound financial base and a well-established office with experienced and professional executives providing support. *Mine's Industries* has its own Analytical Laboratory having qualified, experienced chemists to analyze both raw materials and finished products. Test certificates are provided along with each and every supply. We have a global presence and currently we export our international quality products in Asia, Africa, Korea, etc. We are highly concerned with the utmost satisfaction of our esteemed clients. At present we have the privilege of being named as the most affluent manufacturer, along with being the most sought after suppliers among all the Manganese Ore suppliers of India. Our ultimate ambition is to continue with our reputation in fulfilling the requirements of our valuable customers in a highly economical way.





# MINERALS AND ALLOYS

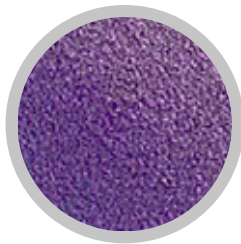
**Ar-Mine's Industries** - introducing ourselves as one of the leading processors of Manganese Ore, Manganese Dioxide Powder, Manganese Granules, Iron Ore, Natural Quartz Powder and manufacturing of manganese alloys like Ferro Manganese and Silico Manganese for over last 25 years in Goa and Belgavi.

Manganese Dioxide Powder is largely used in Dry cell batteries, Vat dyes, chemicals like Hydroquinone, Potassium Permanganate, Welding Fluxes, Ferro Alloys, Metal refining, Match and Glass, Ceramics, Manganese Compounds, Explosives, Foundries, Animal Feeds etc. we supply in India as well recognized in exports to Africa, Germany, Korea etc.

MANGANESE GRANULES are highly suitable for Water Purification Process.

We also manufacture Low Carbon, Medium Carbon Ferro Manganese and Silico Manganese at Belgavi, Karnataka and are suppliers to reputed Steel Industries in Goa, Karnataka and Andhra Pradesh.

Quartz, Potassium Bichromate, Sulphur is regularly exported to many Safety Match Industries in Asia and Africa.



**MANGANESE  
ORE**



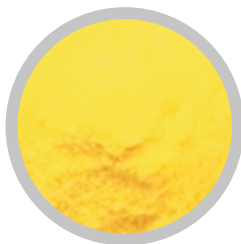
**MANGANESE  
DIOXIDE**



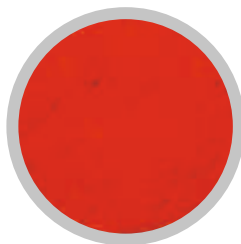
**QUARTZ  
POWDER**



**MANGANESE  
OXIDE**



**SULPHUR  
POWDER**



**POTASSIUM  
BICHROMATE**

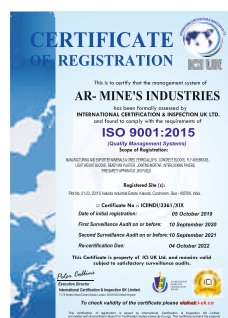


**FERRO  
MANGANESE**



**SILICO  
MANGANESE**

**ISO  
9001: 2015**



# FIRE PREVENTION APPARATUS: FIRE 1 ON 1

We introduce FIRE 1 ON 1 1400 MF/2000 DP/1400 DP series of next generation of fire prevention apparatus which is light in weight, compact in size and extremely easy to use. Fire 1 on 1 starts working at lightning speed when it comes in contact with fire, extinguishing the fire before it can grow and not allowing it to reignite. Its cost effective pricing now makes it possible for everybody to protect themselves and their possessions from one of the worst fears the world has ever known.....

## SALIENT FEATURES

- AUTOMATIC ACTIVATION
- COMPACT IN SIZE
- EXTREMELY EASY TO USE
- NON TOXIC
- NON HAZARDOUS
- OZONE FRIENDLY
- 0% FALSE ALARM
- GIVES AN ALARM ALERTING YOU OF DANGER
- NON HARMFUL TO HUMANS, ANIMALS & ENVIRONMENT
- WORKS ON FIRE INSIDE AND OUTSIDE
- DESIGNED TO WORK AUTOMATICALLY AND MANUALLY
- ANY AGE GROUP CAN ACTIVATE
- LIGHT IN WEIGHT
- MOBILE
- NEGLIGIBLE INSTALLATION
- LIGHTNING FAST IN OPERATION
- BIO-DEGRADABLE
- RESIDUALS 100% RECYCLABLE
- ELECTRICALLY NON CONDUCTIVE
- LOW CLEAN UP REQUIRED
- WORKS ON MOST TYPES OF FIRES (ABC)
- NO WIRING AND DUCTING REQUIRED
- NO MAINTENANCE REQUIRED
- 5 YEARS WARRANTY

## PRODUCT RANGE



### FIRE 1 ON 1 AUTOMATIC & PORTABLE

Suitability  
Class A,B,C Fire & Electrical  
Capacity  
1Kg & 2kg

Type  
Map 90  
Type  
5 Years



### FIRE 1 ON 1 CELING MOUNTED

Suitability  
Class A,B,C Fire & Electrical  
Capacity  
2Kg, 5kg & 10kg

Type  
Map 90  
Type  
5 Years



### FIRE 1 ON 1 EXTINGUISHERS

Suitability  
Class A,B,C Fire & Electrical  
Capacity  
1Kg, 2kg, 4kg & 6kg

Type  
Map 90  
Type  
5 Years



### FIRE 1 ON 1 Co2 FIRE EXTINGUISHERS

Suitability  
Class A,B,C Fire & Electrical  
Capacity  
1Kg & 2kg

Type  
Map 90  
Type  
5 Years

**All products are filled with Mono Ammonium Phosphate with 5 years NO REFILLING with warranty.**





## BIO-FUELS

Briquette is basically a block of compressed biomass waste made of Agro waste materials such as groundnut shells, saw dust, sugarcane bagasse, etc. by compressing it in a machine to generate a uniform shape briquette that can be used to ignite fire and generate energy.

These briquettes are the best substitute for non-renewable fuels, are nature friendly and thus results in non-harmful effect on the environment.

Agro waste briquettes are better, eco friendly cheaper options to Coal, Coke, Furnace Oil, etc for Boilers in Industries.

We look forward for opportunities to cater your needs for the same. We have regularised our production and are now supplying our quality briquettes to many reputed companies in and around Goa, Maharashtra and Karnataka.

90 mm  
Agrowaste  
Briquettes



## SALIENT FEATURES

Briquettes produced from briquetting of biomass are fairly good substitute for coal, lignite, firewood and offers numerous advantages.

1. Briquettes have high specific density ( $1200\text{kg/m}^3$ ) and bulk density ( $800\text{kg/m}^3$ ) compared to  $60\text{kg/m}^3$  to  $180\text{kg/m}^3$  of loose biomass.
2. Has higher boiler efficiency due to low moisture and density compared to firewood or loose biomass.
3. The calorific value attained is  $4000\text{kcal/kg}$  to  $4200\text{kcal/kg}$ .
4. Ash content as low as 2% to 10%
5. Comparatively moisture is also low at 5% to 6%.
6. Clean source of energy, no sulphur contents hence pollution free.
7. Easy to handle and can be conveniently packed and stored.
8. Briquettes are cheaper in cost compared to coal, furnace oil or lignite etc.



### AR-MINE's BIOFUELS

Plant: Village Parite, Near Bhogavati Sugar Mill, Tal. Karveer,  
Dist. Kolhapur, Maharashtra, India.

C/o: Plot No. 21,22,23 & D-3/15, Kakoda Industrial Estate,  
Curchorem - Goa, India

**Contact No.:** +91 8928757669 & +91 9011230235

**Email:** sales@arminesind.com | **Web:** www.arminesind.com

# AR-Mine's Building Solutions

**Ar Plast-** Ready Mix Plaster is a polymer modified premixed cement based plaster. It is strong, convenient, simple to use and binds better to its substrate. It provides an even surface on which tiling can be done faster & efficiently. It has strong adhesive characteristics on all substrates. It can be applied for interior and exterior work on horizontal and vertical surfaces.

## Advantages:

- High Bond Strength
- Reduced cost as compared to traditional sand plastering.
- Consistent quality made using mix of well graded sand and additives
- Crack Free, uniform and smooth finish walls

## Suitable Substrates:

- AAC Block/Concrete Block
- Cement Mortar Blocks/Bricks
- Cellular Concrete Blocks
- Fly Ash Bricks
- Red Clay Bricks
- Concrete Hollow Blocks
- Stone Walls

Product Data Technical characteristic	
Parameters	Specification
Appearance	Gray Powder
Bulk Density	1.2 - 1.6 Kg/litre unit
Compressive Strength (Mpa)	More than 9 in 28 days
Flexural Strength	Min 1.8 Mpa in 28 days
Water Retentivity	Min 95% (EN 1015-8)
Coverage	0.16-0.23 Kg/ sqft/mm
Water Curing	2-3 times for 2-3 days
Thickness of Layer	6-15 mm per coat
Pot Life	1 - 2 hours

- Faster completion of work and negligible wastages
- Excellent Coverage and convenient to apply
- Needs less curing and binds better to substrate
- Reduced water absorption therefore enhanced durability

NO  
SAND

NO  
CEMENT



**Ar Blockset-** Block Joining Adhesive is a high strength adhesive for quick and firm laying of AAC blocks with thin joints. It is a factory mixed mortar made up of cement, graded sand and blended with polymers to impart high strength and water retention properties even when in thickness of 3 mm layer. It can be applied for interior and exterior use on horizontal and vertical surfaces. While applying, the thickness of the joints should not exceed 10 millimeters (Easily obtained by using specific Trowels). For interior and exterior used for preparing thin bed adhesive for AAC, Light Weight and Cellular Concrete Blocks.

## Advantages:

- High Bond Strength
- No shrinkage cracks
- No curing required
- High Thermal Insulation
- Flexible, shock & impact resistant
- Improved adhesion between two blocks
- Improved compressive & tensile strength
- Increasing productivity onsite.
- Economical, fast and easy to use (Mix & apply).
- Premixed

## Technical characteristic

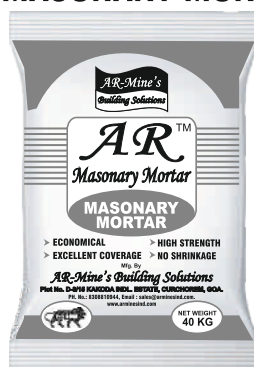
Parameters	Specification
Appearance	Gray Powder
W/P Ratio	By weight 0.30
Pot life	1.5 to 2 Hours
Drying Time	24 Hour
Tensile adhesion strength	>0.34Mpa(As per ASTM-C1660)
Time to plaster	24 Hour
Open Time	30 Minutes
Mix Density	2000kg/m

## Our other products

### TILE BOND



### MASONRY MORTAR



ISO  
9001: 2015





# AAC BLOCKS: SAVE THE COST OF CONSTRUCTION. ✓

EVERY AAC BLOCK  
MADE FOR STRENGTH  
AND... SAVING OF



SAVE  
**30%**  
COST

## SAVE STEEL & CONCRETE:

It is 3 times lighter than clay bricks, hence it saves steel and concrete in high rise building.

## SAVE SAND AND WATER:

AAC Blocks require only 3mm joint using ready made joint adhesive, so it saves costly sand. AAC Blocks already have high pressure steam curing. So there is no need of curing. Thus it saves water and curing labour cost etc.

## INCREASE IN CARPET AREA:

Walls made by AAC Blocks have accurate size and shape less joints and thickness. Hence it saves 15 to 20mm space of plaster throughout length of every wall of room. Thereby increase in carpet area by 1.5% to 3%. It also has more compressive strength than clay bricks it does not absorb water so no need to plaster the wall from inside by sand and cement.

## TIME SAVING:

AAC Blocks are light weight (3 Times) and 5 to 6 times bigger in size than clay bricks. This reduces the number of joints and its thickness ultimately saves time.

## Technical Specification

Particulars	Units	Values
Size	mm	625X240 / 625X200
Thickness	mm	50,75,100,125,150,200,230
Size Tolerance	mm	+2
Compressive Strength(IS:2185 Part III)	N/mm <sup>2</sup>	3 - 4.5
Oven Dry Density (IS:2185 Part III)	Kg/m <sup>3</sup>	550 - 650
Fire Resistance	Hrs.	4 (For 200mm thick Wall)
Thermal Conductivity Index	KW/m/c	0.16
Sound Reduction Index	dB	45 (For 200mm thick Wall)
Dry Shrinkage (IS:2185 Part III)	%	0.04

Size (MM)			Volume (Cu.M)	Pieces (Cu.M)
Length	Height	Thickness		
625	240	100	0.015	66.67
625	240	150	0.0225	44.44
625	240	200	0.03	33.33
625	240	225	0.0337	29.62

Size (MM)			Volume (Cu.M)	Pieces (Cu.M)
Length	Height	Thickness		
600	200	100	0.012	83.33
600	200	150	0.018	55.56
600	200	200	0.024	41.67
600	200	230	0.0276	36.23



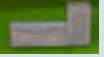

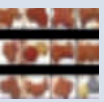
# CEMENT PRODUCTS

AR Mines Industries are known for our high end quality products which include **CONCRETE BLOCKS, FLY ASH BRICKS, KERB STONES & INTERLOCKING PAVERS**. Owing to their feature of being solid, stable and always available is what has made us a prominent name within the construction industry to manufacture quality concrete blocks made from Hydraulic Operated Automatic machine.

We manufacture Concrete Blocks using Hydraulic Operated Concrete Block Machine which makes our blocks dense, water tight, with a least drying shrinkage due to the excellent strength at the least cement content. We have a production capacity of 100000 Concrete blocks per month. Concrete Blocks are manufactured using Cement, Gravel and Dust.

## The advantages of using Concrete Blocks are:

1. Requires minimum plastering over laterite Stone, in fact can eliminate internal cement plastering
2. Line and Level of walls are maintained due to dimensional accuracy of Concrete Blocks
3. More Strength and Economical as compared to Laterite stones
4. Faster and easy working

SIZES	CONCRETE BLOCKS	ALTERNATIVE	SUITABILITY	OTHER CEMENT PRODUCTS
30X20X10 40X20X10		Alternative to Fly Ash Bricks / Clay Bricks	Suitable for internal partition wall	<b>Fly Ash Bricks</b> 230X110X80 230X100X75 200X95X95 
30X20X20 30X23X15 30X23X20		Alternative to 23 Sizes Laterite Stone	Suitable for Compound walls, Periphery walls, etc	<b>Kerb Stone</b> 300X200X150 500X500X150 
40X20X15 40X20X20			Suitable for under ground Footing	<b>Interlocking Pavers</b> 

## OUR PRESTIGIOUS PROJECTS



Dr. Shyam Prasad Stadium



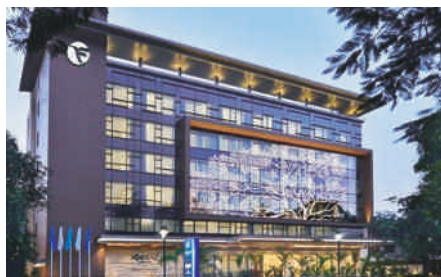
Dabolim Airport



Mall De Goa



Risara Luxuria



Fortune ITC



Fatorda Stadium



## AR-MINE's INDUSTRIES

Plot No. 21,22,23 & D-3/15, Kakoda Industrial Estate,  
Curchorem - Goa, India 403706

**Contact No.:** +91 8308810944 & +91 9011230235

**Email:** sales@arminesind.com | **Web:** www.arminesind.com