

REFRACTORY SOLUTION

SUSTAINABLE GROWTH
WITH A FOCUS ON
EXCELLENCE & ETHICS



 www.alazhariexports.com

- Manufacturer And Exporter of All Types of Refractory



WHO WE ARE

ABOUT COMPANY

We provide paramount quality solutions to a large number of industries. We have been catering to the requirement of industries with our best-in-class products and services. With the technically skilled staff, AL-Azhari Exports LLP offers a various range of products under the category of refractory products, Fire Clay Brick, Dense Fire Bricks, High lumina Brick, acid-proof products, insulation products, and refractory. We have a large network across the country for on-time product delivery.

PHILOSOPHY

Our good man-management activity as a customer's satisfaction. Quality has played an important role in every surface of our business activity. The basic objective of the company's team management is to get and supply only those quality products which can get the customer's necessary & essential requirements as per international standards of performance, quality, & reliability. AL-Azhari always believes that the growth in its business status and stature depends slowly upon the economy and efficiency of operations that its customers derive from the performance of the products, as well as the service support extended to them.

OUR MISSION

BY PROVIDING THE CAREFULLY ENGINEERED SOLUTION TO OUR CUSTOMERS, WE AIM TO LEAD THE DOMESTIC AND INTERNATIONAL MARKET BY OFFERING OUR FINEST PRODUCTS THAT SERVE THE PURPOSE WITH ACCURACY

OUR VISSION

IS TO BE A PREMIUM REFRACTORY PRODUCER, GLOBAL IN SIZE AND REACH, WITH A PASSION FOR EXCELLENCE.

Our Products



FIRECLAY BRICKS

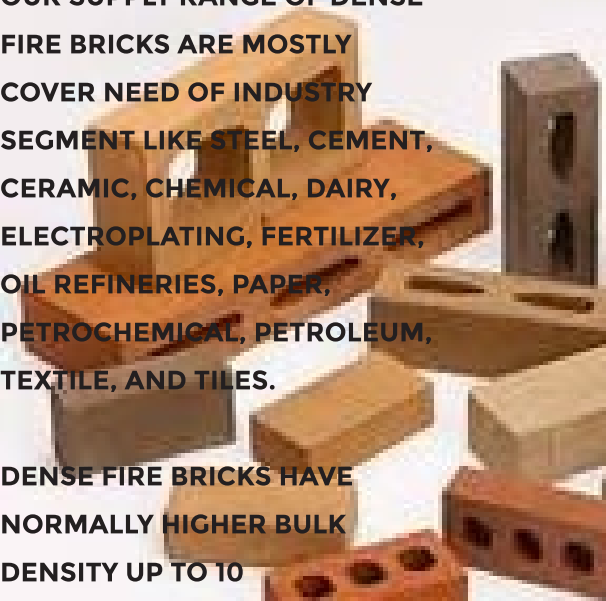
WE ARE ONE OF THE LEADING SUPPLIERS OF FIRECLAY BRICKS. OUR FIRECLAY BRICKS ARE PRODUCED FROM FIRECLAY ARE USED FOR MANUFACTURING ALL SORTS OF REFRACTORY MATERIALS AND DUE TO ITS ALUMINA AND SILICA CONTENT, IT LEADS TO THE FORMATION OF HIGHLY HEAT RESISTANT FIRECLAY BRICKS. NORMALLY, FIRECLAY IS CLAY THAT HAS A HIGHER CONTENT OF ALUMINA. NORMALLY, ALUMINA CONTENT IN FIRE CLAY IS 25 OR 50% WHILE THE SILICA CONTENT IS 50 OR 75%.



DENSE FIRE BRICKS

OUR SUPPLY RANGE OF DENSE FIRE BRICKS ARE MOSTLY COVER NEED OF INDUSTRY SEGMENT LIKE STEEL, CEMENT, CERAMIC, CHEMICAL, DAIRY, ELECTROPLATING, FERTILIZER, OIL REFINERIES, PAPER, PETROCHEMICAL, PETROLEUM, TEXTILE, AND TILES.

DENSE FIRE BRICKS HAVE NORMALLY HIGHER BULK DENSITY UP TO 10 PERCENTAGE IN COMPARE OF FIRE BRICKS AND FIRECLAY BRICKS.



HIGH ALUMINA BRICKS

OUR SUPPLY RANGE OF HIGH ALUMINA BRICKS IS USEFUL IN THE CONSTRUCTION OF STEEL REFINING FURNACES, GLASS TANKS, CERAMIC KILNS, ENAMEL KILNS, AND ROTARY CEMENT KILNS. THE HIGH ALUMINA BRICKS COMPRISE A BLEND OF ALUMINA AND FERROUS CONTENT AND THEIR APPARENT POROSITY IS 15 TO 23%. THEY HAVE HIGH REFRACTORINESS AND CAN SUSTAIN THEMSELVES EASILY EVEN IN HIGH TEMPERATURES. THIS IS THE REASON WHY THEY ARE USED AS HIGH-TEMPERATURE EQUIPMENT IN VARIOUS INDUSTRIES. THESE HIGH ALUMINA BRICKS ARE HIGHLY RESISTANT TO CORROSION DUE TO METAL FLUID AND OXIDATION.



QUALITY ASSURANCE

We use the best quality materials in Refractory production.

Working by the operations, the Quality Assurance

Department is diligently involved in the entire process of a thorough check of the incoming raw material to the in-process checks to the final testing and inspection. All procedures like grinding, mixing, blending, and firing of the kiln temperature are closely monitored and studied. Customers are delivered the finished goods after their rigid scrutiny, ensuring zero defect output. So, we are giving the best services to our customers.

SERVICES

We have rich industry experience in providing the best in category solutions to various industries. We have a team of skilled and dedicated engineers to bring precise results with each batch of production.

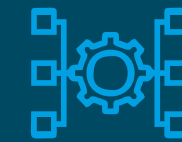
Why Choose Us?



Business commitment with focus on ethics ensuring sustainable growth



Experienced management with skilled & competent employees



Centrally located facilities well connected by road, rail & air offering pan India reach and logistical advantage



ACID RESISTANT BRICKS

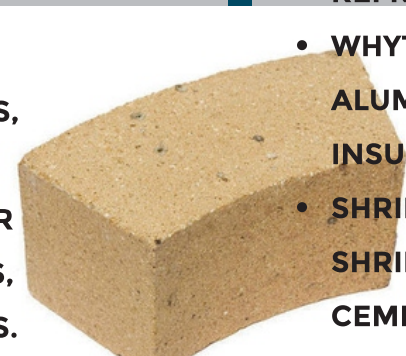
WE SUPPLY ACID RESISTANT BRICKS, ANTI ACID BRICKS, ACID PROOF BRICKS, ANTI ABRASION BRICKS, ALKALI RESISTANT BRICKS, ACID RESISTANT TILES, ALKALI RESISTANT TILES, ACID RESISTANT CORNER TILES, AND SUPPORT BEAMS.

PRODUCT STANDARD

IS/ ASTM / BIS

PRODUCT APPLICATION

ACID/ALKALI PROOF STORAGE TANKS, EFFLUENT TREATMENT PLANTS, PICKLING PLANTS, CHEMICAL PLANTS, VESSELS/REACTORS, ELECTROPLATING PLANTS, LABORATORY & HEAVY-DUTY FLOORS, FERTILIZER PLANTS, CEMENT PLANTS, THERMAL POWER PLANTS.

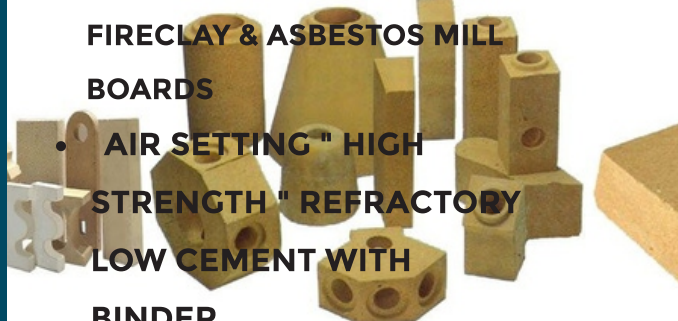


FIRECLAY BRICKS Sk30, SK32, Sk34, SK36

WE ARE ONE OF THE LEADING SUPPLIERS OF FIRECLAY BRICKS.

MONOLITHIC REFRACTORIES PRODUCTS

- RAMMING MASS, THERMOTEX, FIRECLAY & ASBESTOS MILL BOARDS
- AIR SETTING " HIGH STRENGTH " REFRACTORY LOW CEMENT WITH BINDER
- FIRE CRETE SUPER CASTABLE & ACCOSET -50 REFRACTORY CEMENT
- WHYTREAT - A , K & C , HIGH ALUMINA CALUNDUM & INSULYTE CASTABLE
- SHRINKKOMP- NON SHRINKING GROUTING CEMENT

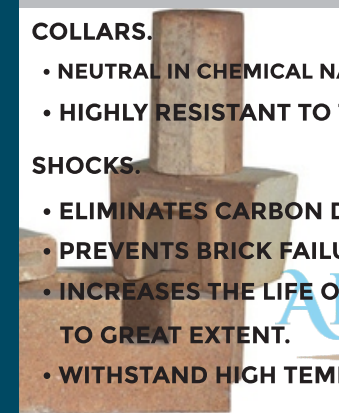
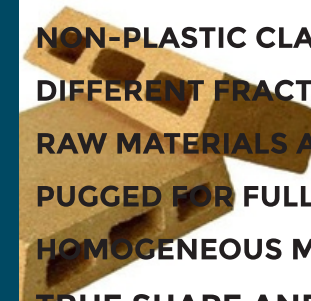


BOTTOM POURING SETS

BOTTOM POURING SETS / REFRACTORIES (BP SETS) ARE SHAPES MADE FROM DIFFERENT FRACTIONS OF REFRACTORY GROG, PLASTIC FIRE CLAYS, AND NON-PLASTIC CLAYS. THE DIFFERENT FRACTIONS OF THESE RAW MATERIALS ARE MIXED AND PUGGED FOR FULLY HOMOGENEOUS MIXING.

TRUE SHAPE AND SIZE:

- PERFECT MALE / FEMALE MATCHING COLLARS.
- NEUTRAL IN CHEMICAL NATURE.
- HIGHLY RESISTANT TO THERMAL SHOCKS.
- ELIMINATES CARBON DEPOSITS.
- PREVENTS BRICK FAILURE AT HIGH TEMPERATURES.
- INCREASES THE LIFE OF BRICK LINING TO GREAT EXTENT.
- WITHSTAND HIGH TEMPERATURES UP TO 1450 0 C.



FIREBRICK QUALITY	AL ₂ O ₃ (MIN %)	FE ₂ O ₃ (MAX %)	P.C.E (MIN OC)	APPARENT POROSITY (MAX %)	CCS (MIN KG/M ²)	RUL MIN (TA)OC	B/D (MIN GM/CC)	PLC (MAX %)	APPLICATION AREAS
BRICKS IS 6	30	2.5	29	26	200	1300	2.00	±1.0 at 13000 C/2 hrs.	For Chimney flue, Boiler, sugar industry.
BRICKS	35	2.5	30	25	250	1350	2.10	±1.0 at 13500 C/2 hrs.	For Chimney flue, Boiler, cupola, steel foundry.
BRICKS 40	40	2.8	32	24	300	1400	2.15	±1.0 at 14000 C/2 hrs.	For cement preheater cyclone, silicate furnace & others moderate heat duty applications.
BRICKS 45	45	3.0	32	24	350	1400	2.20	±1.0 at 14000 C/2 hrs.	
BRICKS 40 S	40	2.0	33	33	300	1420	2.20	±0.75 at 14500 C/2 hrs	Special purpose low iron high duty bricks for cement preheater cyclone
BRICKS 45 S	45	2.0	33	21	350	1440	2.25	±0.8 at 14500 C/2 hrs	Special purpose low iron high duty bricks for cement preheater cyclone chemical plant sulphur furnace
BRICKS 42 D	42	1.5	34	18	500	1470	2.30	±0.5 at 14500 C/2 hrs	Low porosity dense bricks for anode baking furnace & blast furnace.
BRICKS 50	50	3.0	33	24	400	1400	2.30	±1.0 at 14500 C/2 hrs	For cement kiln, preheating zone, preheating furnace wall
BRICKS 55	55	3.5	33	24	400	1410	2.45	±1.50 at 14500 C/2 hrs	
BRICKS 60	60	3.5	35	24	450	1450	2.50	±2.0 at 14500 C/2 hrs	Calcination zone of cement rotary kiln, copper melting furnace.
BRICKS 70	70	3.5	36	23	550	1460	2.65	±2.5 at 15000 C/2 hrs	Reheating furnace wall, burning zone of cement rotary kiln, ladle backup.

BOTTOM POURING SET SIZES CHART

NO.	PRODUCT	SIZE	MAIN HOLE		SIDE HOLE
			HOLE 1	HOLE 2	
1	FANAL	265 X 125	φ 188	φ 75	–
2	SLEEVE	285 X 125	φ 75		–
3	CENTER BRICKS	240	φ 75		2 φ 50
		250	φ 75		2 φ 50
		260	φ 75		2 φ 50
4	MAIN RUNNER	220 X 90 X 90	φ 50		2 φ 40
5	MAIN END RUNNER	220 X 90 X 90	φ 50		2 φ 40
6	SIDE MAIN RUNNER	370 X 80 X 80	φ45		2φ 32
		340 X 80 X 80	φ40		2φ 32
7	SIDE END RUNNER	190 X 80 X 80	φ 45	–	φ 32
		220 X 80 X 80	φ 40	–	φ 32
8	VOSER	50 X 120	φ 75		–
		75 X 120	φ 75		–
		100 X 120	φ 75		–
		125 X 120	φ 75		–
		150 X 120	φ 75		–
9	NOZZAL	180 X 135 X 100	φ 50		–
		180 X 135 X 100	φ 45		–

Sizes are Customizable
Note: All sizes are in mm





Contact Us

Our Top
Priority is only
quality

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