



Refractories catalogue



Shine

Industries

Company Profile

Shine Industries established in the year 2004 to serve Industries by Manufacturing & Supplying Heat Resistant Bricks. The company is promoted by experienced technocrats in the field of refractories with a single minded goal "Nothing But The Best". Further the promoters have vast experience around 25 years in the field of machinery manufacturing related to Ceramic & Refractory Industries. Thus the idea of diversification has given birth of "SHINE INDUSTRIES". Today Shine Industries is a name to reckon with its quality products in the field of Refractories, Acid Proof Clay Bricks, High Temperature Insulation Bricks & has completed many prestigious projects to the ultimate satisfaction of the customers.

PRODUCTS OFFERED

Refractories for Iron & Steel Plant, Ceramic Industries, Cement Plant, Power Plant, Petrochemicals & other ancillary units. Further the company has started manufacturing of Acid Resisting Clay Products catering to the specifications as per customer's requisite.

IN HOUSE FACILITIES

Company has 150 MT friction screw presses along with vacuum extrusion pug mills, ball mills & other balancing equipments required for the manufacture. Company has setup Testing Lab which comprises CCS, MOR testing. It has Ovens & Muffle furnace for physical testing & has a complete Chemical analysis section also. All these are backed up by most modern & efficient Tunnel Kiln fired by Petrocoal / Gas.

Laboratory



MOR Testing



C. C. S. Testing



Chemical Balance



Distilled Water Plant



Ovens



Muffle Furnace



Chemical Testing



Production



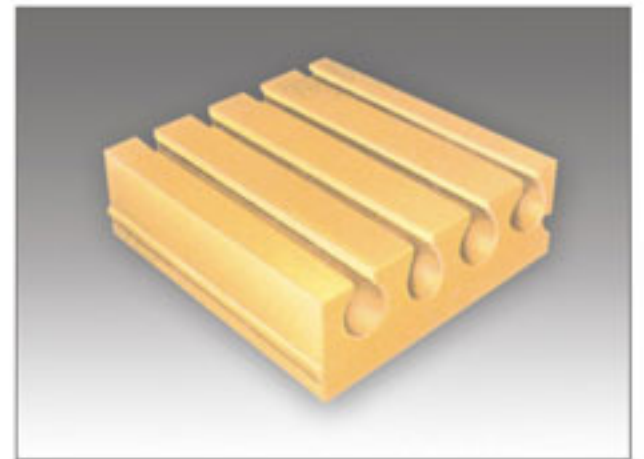
H F K Insulating Bricks



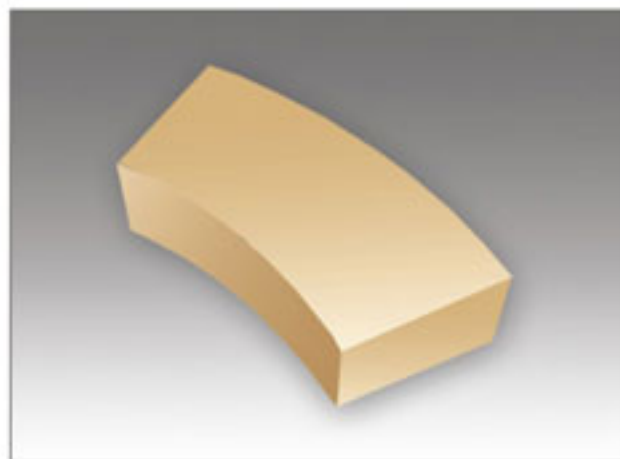
Porosint Bricks



Burner Blocks



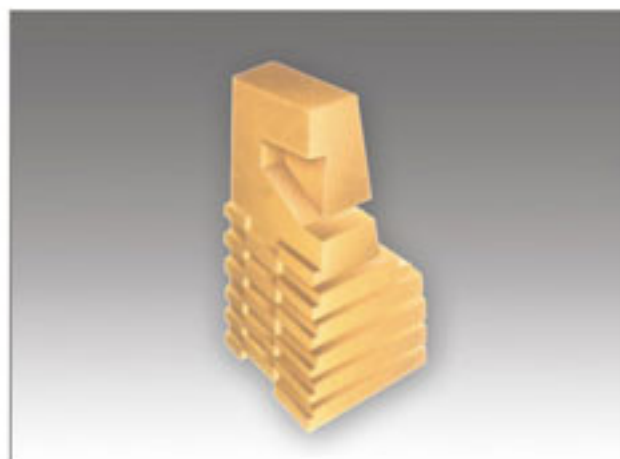
Heating Element Bricks



Cupola Bricks



Pillar Blocks



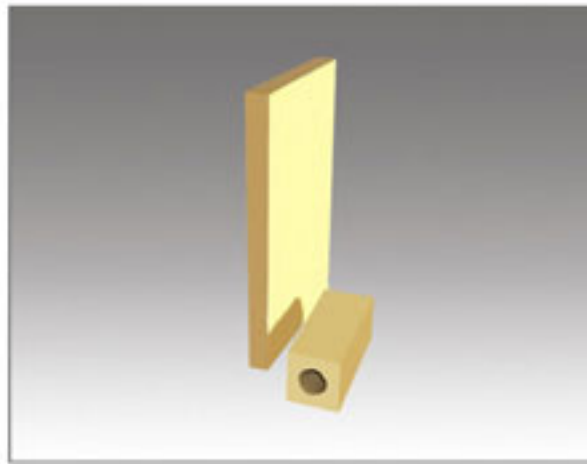
Hanger Bricks



Shoulder Bricks



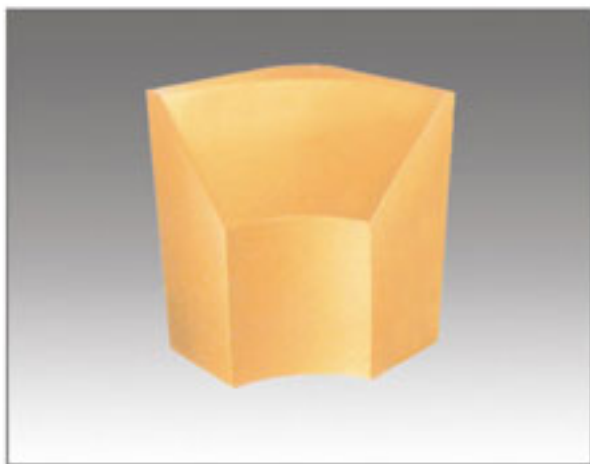
Hollow Bricks



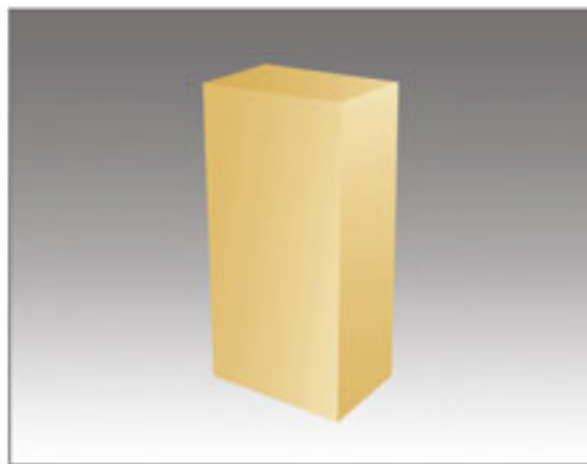
Setter Plate



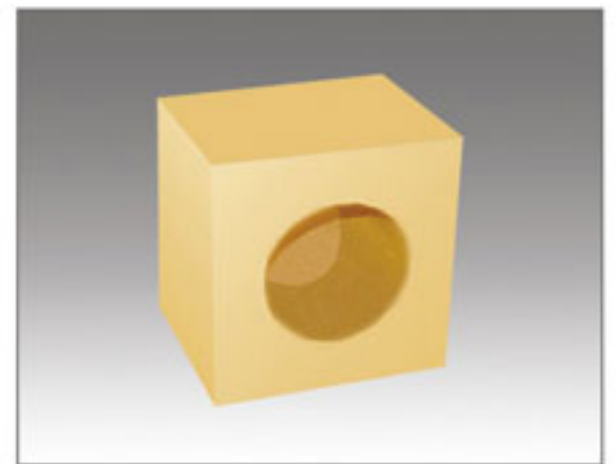
Skew Blocks



Special Shaped Bricks



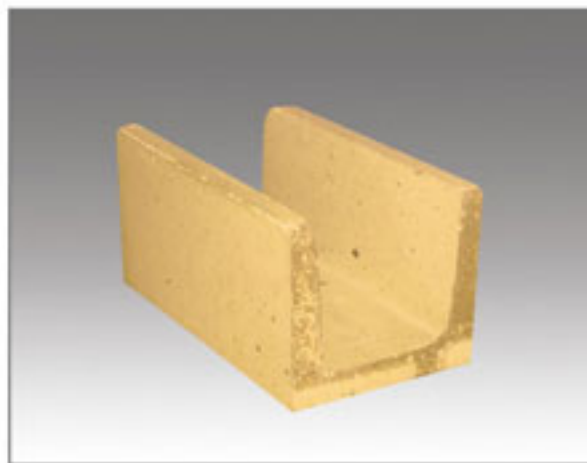
Standard Bricks



Burner Blocks



Saggers



Sensil Bricks



Air Nozzle Bricks



Car Blocks



Corner Blocks



Special Shaped Bricks

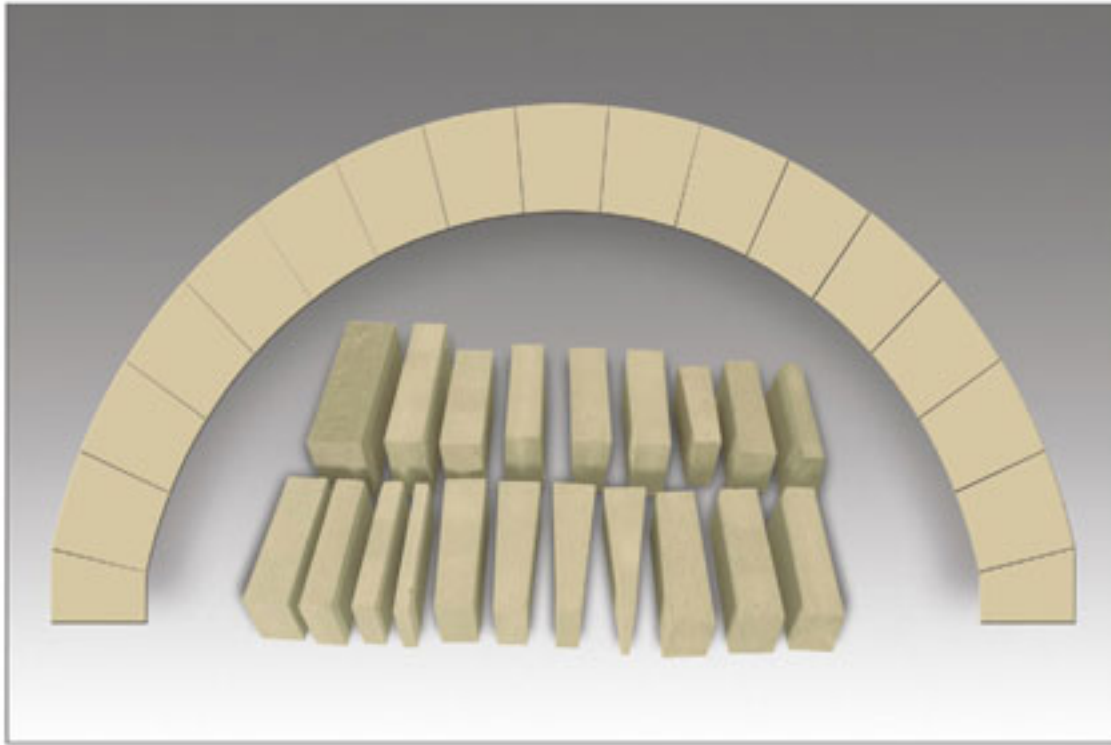
Specifications of insulation bricks

Brand Name	AL ₂ O ₃	Fe ₂ O ₃	TiO ₂	SiO ₂	BD	CCS	AP	PCE	PLCAR	Survive Temp
	% Min	% Mix.	%	%	gm/cm ²	Kgf/cm ²	%	Orton cone	%	C°
SI-Po 40	40	< 1%	< 0.5	52 / 56	0.75 / 0.80	> 20	> 55	31/32	± 1 % 1400° C	1350 / 1400
SI-Po 50	50	< 1 %	< 0.5	42 / 46	0.85 / 0.90	> 15	> 55	33/34	± 1 % 1400° C	1400 / 1430
SI-Po 60	60	< 1 %	< 1	1.0 / 1.1	> 15	> 55	33/34	± 1.5 % 1500° C	1450 / 1500
HFK	36	< 1 %	< 1	52 / 56	1.0 / 1.1	18 / 20	55 / 60	31/32	± 1 % 1400° C	1350 / 1400

Specifications of clay & high alumina bricks

Brand Name	AL ₂ O ₃	Fe ₂ O ₃	AP	BD	CCS	PCE	RUL	PLC
	% Min	% Max	% Max	gm/cm ³	Kgf/cm ³	Orton	Ta°C	% Max
SI-R 70	70	3.2	23	2.55	>400	35/1785	1450	±2.5at 1500°C/2 Hrs.
SI-R 60[LF]	60	2.5	23	2.50	>400	35/1785	1460	±2.0at 1500°C/2 Hrs.
SI-R 60	60	3	23	2.45	>350	34/1763	1450	±2.0at 1500°C/2 Hrs.
SI-R 55	55	3	23	2.40	>350	33/1743	1430	±1.5at 1450°C/2 Hrs.
SI-R 50	50	2.8	23	2.30	>350	32.5/1724	1430	±1.5at 1450°C/2 Hrs.
SI-R 45 D	45	2	22	2.25	>350	>32/1717	1420	±1.5at 1450°C/2 Hrs.
SI-R 40 [IS-8]	40	3	25/26	2.0/2.1	>250	31/32(1717)	1400	±2.0at 1400°C/2 Hrs.
SI-R 37 [HHD]	37	2.5	26	2.00	>200	>31	1350	±2.0at 1350°C/2 Hrs.
SI-R 37 [IS-6]	30	2.2	30	1.90	>200	>29	1300	±1.5at 1300°C/2 Hrs.

Note : Size tolerance :- +/- 2% or +/- 2mm whichever is greater.



Postal Add. :

24- Akshardham apt., 6th Floor, B/h Patel pan,
Ravapar road, MORBI-363 641 (Guj.) INDIA

Factory :

Lilapar Chowkadi, Opp. Gokul Ind., Navagam Road, Lilapar
Tal. : Morbi, Dist. : Rajkot, Gujarat (INDIA)
Ph.: 02822 228922 Cell : 98795 89220, 98796 18220
email : shinerefractory@yahoo.in
Visit as : www.shineindustries.com