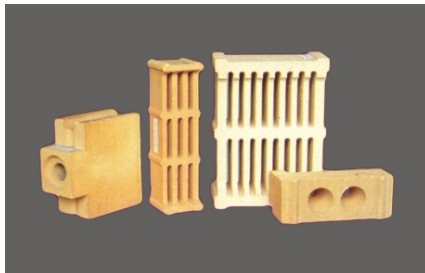




## Fireclay & High Alumina Bricks

We offer a line of fireclay and high alumina refractory bricks for a wide range of applications for iron and steel mills, non-ferrous casting, glass plants, refineries, etc. Typical applications are for hot blast furnaces, electric arc furnaces, smelting furnaces, ladle walls, coke ovens, sintering furnaces, tunnel kilns, shuttle kilns, rotary kilns, glass kilns, gas furnaces, industrial boilers, chimney, fireplaces, etc.



More material grades are available for special and customized requirements. Here are just a few examples: Mullite Brick, Low Creep High Alumina Brick, Cordierite Brick, Andalusite Brick, Silica Brick, and Corundum Brick. For any materials not listed here, please feel free to contact us.



### Fireclay and High Alumina Brick

Category		Fireclay		High Alumina Materials					
Specs.	Brand Code	FC-34	FC-42	HA-48	HA-60	HA-75	HA-80	HA-85	HA-90
	AL <sub>2</sub> O <sub>3</sub> % ≥		36	42	48	60	75	80	85
Fe <sub>2</sub> O <sub>3</sub> % ≤		2	2	2	1.8	1.7	1.7	1.5	0.4
Refractoriness °C	≥	1690	1750	1750	1790	1790	1790	1790	1790
Refractoriness under Load 0.2 Mpa, °C		1300	1400	1450	1500	1520	1520	1550	1620
Permanent Linear Chang	1500°C 2h	-0.5%	-0.4%		+0.1 -0.4	+0.1 -0.4	+0.1 -0.4	+0.1 -0.4	+0.0 -0.1
	1450°C 2h			+0.1 -0.4					
Apparent Porosity % ≤		24	26	22	22	23	22	20	16
Crushing Strength Under Room Temperature Mpa ≥		24.5	30	35	45	50	55	55	80

All data given above are typical for common applications and should not be used for specification purposes. No warranty is expressed or implied regarding the accuracy of this information, the suitability of the product for a particular application, or the results to be obtained by the use of the product. Users expressly assume all risks and liabilities arising from the use of or reliance upon this information.