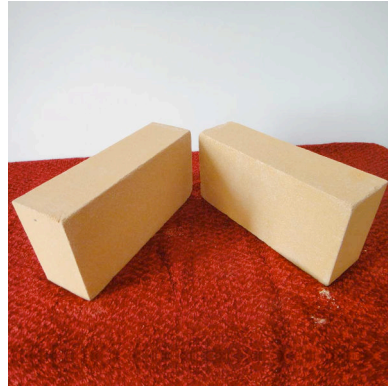


## Fireclay Insulating Firebrick



### INTRODUCTION

Fireclay insulating firebrick is made from selected fireclay and expanded perlite, mould-press to shape, fired around 900°C. The bricks possess the characters of low thermal conductivity, high strength, structural and dimensional stability. The mould-shaped process allows the highest flexibility for the tailor-made production of special shapes at an advantageous price.

### TYPICAL APPLICATION

Widely used in the industry such as Ceramics, Aluminum, Iron and steel, Non-ferrous metals, Boilers, Cement, Glass, Petrochemical, etc.

### TYPICAL INDEXES

Items	FP-0.8	FP-0.65	FP-0.5	FP-0.4
Max Service Temperature, °C	950°C	950°C	900°C	900°C
Bulk Density, kg/m <sup>3</sup>	800	650	500	400
Cold Crushing Strength, MPa	2.3	2	1.2	1.0
Reheating Linear Change, %	≥-2% 950°C×2h	≥-2% 950°C×2h	≥-2% 900°C×2h	≥-2% 900°C×2h
Thermal Conductivity, W/m.K @ 350°C	0.2	0.16	0.15	0.13
Al <sub>2</sub> O <sub>3</sub> %	30	20	21	17
SiO <sub>2</sub> %	60	70	70	75
Fe <sub>2</sub> O <sub>3</sub> %	3	3	3	3

### PACKING

By ISPM15 Pallets or as per customer's Requirement.



Firebird