

# Insulating Fire Bricks

BRAND NAME	Class A							Class B							Class C		
ITEMS	A-1	A-2	A-3	A-4	A-5	A-6	A-7	B-1	B-2	B-3	B-4	B-5	B-6	B-7	C-1	C-2	C-3
Temp.(°C) Reheating Shrinkage less than 2.0%	900	1000	1100	1200	1300	1400	1500	900	1000	1100	1200	1300	1400	1500	1300	1400	1500
Bulk Density	0.50≥	0.50≥	0.50≥	0.55≥	0.60≥	0.70≥	0.75≥	0.70≥	0.70≥	0.75≥	0.80≥	0.80≥	0.90≥	1.00≥	1.10≥	1.20≥	1.25≥
Cold Crushing Strength (kg/cm <sup>2</sup> )	5≤	5≤	5≤	8≤	8≤	10≤	10≤	25≤	25≤	25≤	25≤	25≤	30≤	30≤	50≤	70≤	100≤
Thermal Conductivity at 350°C (Kcal/mh °C)	0.13≥	0.14≥	0.15≥	0.16≥	0.17≥	0.20≥	0.22≥	0.17≥	0.18≥	0.20≥	0.22≥	0.23≥	0.27≥	0.31≥	0.30≥	0.38≥	0.45≥
Applications	Insulating Fire Brick in Accordance with KSL																