



Firebricks

Typical Data

Properties	FB30-I	FB35-I	FB40-I	FB60-I	FB70-I
Classification Temperature (°C)	1350	1350	1400	1450	1460
Bulk Density Min (Gms/cc)	1.9	1.9	2.0	2.5	2.6
Cold Crushing Strength (Kg/Cm ²)	250	275	300	450	450
Cold Modules of Rupture (MPa)					
Permanent Linear Change (%) @ °C/hrs Max	+/-0.8% / 1350/2hrs	+/-0.8% / 1350/2hrs	+/-0.8% / 1400/2hrs	+/-2.0% / 1500/2hrs	+/-2.5% / 1500/2hrs
Chemical Analysis (%)					
Al ₂ O ₃	30	35	40	60	70
SiO ₂	44.4	39.1	31.0	25.1	21.5
Fe ₂ O ₃	3.0	0.7	3.0	3.5	3.5
Dimensional Tolerances (mm)	+/- 2 mm	+/-2 mm	+/-2 mm	+/- 2 mm	+/- 2mm

Advantages of using the FB-I series:

- Machined Pressed
- Quick delivery times from stock
- Good edges and corners
-

Sterling Commodities Ltd
Heppenstall Lane, Sheffield, S9 3XB

T: +44(0) 114 2611539 F: +44(0) 114 2444046
E: info@sterlingcommodities.co.uk

The above physical and chemical properties of insulating Firebricks represent values on standard sizes in accordance with accepted testing methods and are subject to manufacturing variations. This information as a reference indication and may change without notice due to natural variations with raw materials. The AP, BD and CCS values are a arithmetic mean of five individual bricks.