



Millennium
MULTI TRADE PVT. LTD.

▶ MANUFACTURERS
▶ EXPORTER
▶ IMPORTER
▶ TRADERS

एन. एस. आई सी.
NSIC



"JANAK", Mahavir Society, Behind Jethwa Rajput Hostel,
PORBANDAR-360 575. Gujarat, India. M : +91 9825243130
E : millenniumpbr@yahoo.com W : www.millenniumpbr.co.in

AN ISO 9001 : 2008 CERTIFIED COMPANY

• MINERALS • MACHINE • MONOLITHICS
• CERAMICS • PAINT & FIRE SUIT

Fire Cement

We are proud to introduce ourselves as the foremost Heat Resistant Fire Cement Manufacturer from India. We supply Fire Cement that is used for stopping surfaces, laying pointing surfaces, filling up cavaties, repairing baffles etc. In addition to this, it is used for laying fire in silica bricks, insulating bricks and high alumina bricks. Firebrick Cement offered by us is available in varying quantities suiting to the specific requirements of the customers. Moreover, we ensure time bound and safe delivery of fire cement to the set destination.

Why To Use : 'Firetech' Fire Cement:

- It is air-setting i.e. It sets hard at room temprature.
- It's strength goes on increasing with rising temprature.
- It reduces furnace troubles and ensures much longer life.
- It welds each brick to the other thus making each joint a perfect joint.
- It has twenty four times higher strength compared to fire clay/ mortars.
- It reduce haircracks, increase workability and higher strength after setting.
- It protects fire brick lining against corrosive action of slags, gases and ashes.
- It is extremely volume stable, hence it does not shrink on drying or on being heated.
- It makes the furnace, gas and air tight, to ensure higher thermal efficiency of furnaces.
- It gives thin, compact brick to brick joint and makes the whole masonry work one solid piece.
- It ensures perfect refractory lining with comparative ease, quickness and perfect workmanship.

200 KGS. of fire cement is required for 1000 standard fire bricks (9"x41/2x3") for laying.

Physical & Chemical Propertie :

Refractoriness	1550 ⁰ C-1600 ⁰ C	Sintering Temperature	1800 ⁰ C
Density	2200 Kg. / m ³	Service Temperature	1500 ⁰ C
Shrinkage	Nelligible	Grain size	0-0.5 mm.
Initial Setting Time	2 Hours	AL ₂ O ₃	55-60 %
Final Setting Time	6 to 8 Hours	SiO ₂	35-40 %
Type of Bonding	Chemical and Ceramic	Fe ₂ O ₃	2.5 %
Type of Setting	Air and Heat Setting	Packing (a)Cement(b)Liq.	50 Kgs. HDPE Bags 25 Kgs. Drums