

## Bhilwara HF/CF

Hot Face/ Cold Face bricks can withstand temperature up to 1100°C. It is normally recommended as back up lining in boilers, ceramic kilns, heating furnaces, glass furnaces, periodic kilns and high efficiency incinerators. It is also used as floor lining of kiln cars in tunnel kilns.

### Technical Index

<b>Bhilwara HF / CF Insulation Bricks</b>		
<b>Specification</b>	<b>CF</b>	<b>HF</b>
Bulk Density gm/cc	0.75 - 0.80	0.85 - 0.95
Apparent Prosimy	70	65
C.C.S. kg! cm <sup>2</sup> min.	15	18
Themal Conductivity in K.cal/m/hr/oCo.14	0.19	0.25
P.L.C. % at °C for 5 hours max	(-)1.5 at 800°C	(-)1.5 at 900°C
Maximun Sage working Temp.°C Min.°	900	1000
P.C.E. min OC	-	27
Al <sub>2</sub> O <sub>3</sub> % min.	28	30
SiO <sub>2</sub> % min.	60	62
Fe <sub>2</sub> O <sub>3</sub> % max.	2	2

\* Size tolerance +/-1.5% on standard bricks / shapes /tiles etc.

\* The above data are average properties, obtained from quality control tests on commercial production of standard bricks are subject to variations. Result may also vary on bigger sized & shape bricks.