



IRAN REFRACTORIES COMPANY

TECHNICAL DATA SHEET



ALUMBOND SLI

Temperature Service:	1420 °C
Classification:	High alumina, Low Iron base, air – setting mortar
Main Raw Material Component:	Blended mixture of carefully sized high alumina aggregate and binder
Type Of Bond:	Chemical Bonded
Grain Size:	0 – 0.6 mm
Water required For Pouring:	25 – 30 %
Features and Main Applications:	Develops high strength and has excellent working properties. Has high refractoriness and excellent resistance to attack by corrosive slags. It can be used up to 1800 °C. Recommended for laying high alumina brick of the 50 % to 70 % class in Chemical & Petrochemical Industries , particularly in Iron ore pelletizing plants.

Chemical Composition (Calcined base)				
Al₂O₃ %	SiO₂ %	TiO₂ %	Fe₂O₃ %	MgO %
68 – 71	14 – 17	2.0-3.0	1.4 – 1.7	2.0 – 3.0

All data based on cast specimens . ASTM procedures , where applicable , used for determination of data .

For data of application, consult our sales & Engineering service's experts.

All data subject to reasonable deviations , and therefore , should not be used for specification purposes. ASTM Test Methods, where applicable, used for determination of data.

Revision:2

Date of issue: 1397/09/05

Code: IRF-ST-Q-860-19

Revision:00