



IREFGUN 23 ESLI

Max. Temperature Service:	1290 °C
Classification:	Light weight Gunning mix.
Main Raw Material Component:	Blended gunable employing Low Iron calcined clays , firm lightweight aggregates & calcium – aluminate binder
Type Of Bond:	Hydraulic
Grain Size:	0–5 mm
Water required For Pouring:	29 – 36 %
Features and Main Applications:	Low Thermal Conductivity. High Strength, Excellent resistance to thermal shock, Stable withstand CO and alkali atmospheres. Easily installed by gunning or troweling. Recommended for Chemical & Petrochemical Industries, particularly in Iron ore pelletizing plants, Various industrial furnaces, incinerators, stacks and as backup for other refractories. Fast erection insulate backup

Chemical Composition (Calcined base)			
Al₂O₃ %	SiO₂ %	Fe₂O₃ %	CaO %
32 – 38	36 – 40	<2.0	9 – 13

Thermomechanical Properties			
		<i>After drying at 110 °C</i>	<i>After heating at 1200 °C</i>
Bulk Density	(Kg/m ³)	< 1650	–
Cold Crushing Strength	(kg/cm ²)	> 20	> 20
Linear Change	(%)	Negligible	– 2.5 to 0.0

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

For data of vibration cast or gunned, 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.

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