



IREFGUN 18

Max. Temperature Service:	980 °C
Classification:	Ultra Light weight Gunning mix.
Main Raw Material Component:	Fireclay & calcium – aluminate binder
Type Of Bond:	Hydraulic
Grain Size:	0-3.5 mm
Water required For Pouring:	48 – 64 %
Features and Main Applications:	Low Thermal Conductivity. Excellent resistance to thermal shock. Easily installed by gunning or troweling. Chemical & Petrochemical Industries. Recommended for various industrial furnaces, boilers, incinerators, stacks and as backup for other refractories. Fast erection insulate backup.

Chemical Composition (Calcined base)			
Al₂O₃ %	SiO₂ %	Fe₂O₃ %	CaO %
23 – 28	40 – 55	5.0 – 8.0	10 – 16

Thermomechanical Properties		
		<i>After drying at 110 °C</i>
Bulk Density	(Kg/m ³)	< 780
Cold Crushing Strength	(kg/cm ²)	> 20
Linear Change	(%)	Negligible

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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