Siam Refractory World Class

why waste time!

QUIKGUN

Multi-purpose Gunning Materials

- **Reduce repairing-time**
- **Reduce manpower**
- **Fast and easy installation**
- **Minimal rebounds**
- **High strength and excellent abrasion resistance**
- **World class quality**

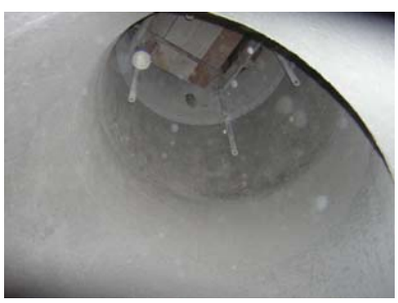
QUIKGUN refractory gunning materials are specially developed for fast and dry gunning installation, made from premium quality raw materials under the strictly controlled manufacturing standard. Our world class manufacturing process ensures that the valued customers can achieve the satisfactory quality of repair work from QUIKGUN.

Recommended Installation Areas:

- Cement Industry: Preheater Tower, Rotary Kiln, Kiln Hood and Cooler
- General gunning repair

Siam Refractory QUIKGUN Series

Conventional Gunning	QUIKGUN C-12, C13, C15, C-16	• High Strength • Good abrasion resistance • Suitable for general use
Insulating Gunning	QUIKGUN LW-11, LW-12	• Ideal for back-up linings • Low thermal conductivity • Easier and faster insulating lining installation
Low Cement Gunning	QUIKGUN LC-1550, LC-1650	• Excellent Alkali Resistance • High Abrasion and Corrosion Resistance



Physical Properties:		Low cement Gunning	
		QUIKGUN LC-1550	QUIKGUN LC-1650
Max. Service Temperature	^{o}C	1550	1650
Approximate Weight Required for Gunning (Rebound loss is included)	kg/m^3	2565	2668
Bulk Density After Drying at 110 ^{o}C	kg/m^3	2380	2470
Modulus of Rupture			
After Drying at 110 ^{o}C	kg/cm^2	100	120
After Heating at 1000 ^{o}C	kg/cm^2	90	100
After Heating at	^{o}C	1500	1600
	kg/cm^2	120	150
Cold Crushing Strength			
After Drying at 110 ^{o}C	kg/cm^2	600	650
After Heating at 1000 ^{o}C	kg/cm^2	520	580
After Heating at	^{o}C	1500	1600
	kg/cm^2	750	850
Abrasion Loss			
After Drying at 110 ^{o}C	CC.	6.5	6.5
After Heating at 1000 ^{o}C	CC.	9.5	9.0
After Heating at	^{o}C	1500	1600
	CC.	7.0	6.0
Alkali Resistance		Good	Good
Permanent Linear Change			
After Heating at	^{o}C	1550	1650
	kg/cm^2	-1.0	-1.0
Chemical Composition :			
Alumina (Al_2O_3)	%	63.0	68.0
Silica (SiO_2)	%	30.0	27.0
Iron Oxide (Fe_2O_3)	%	0.7	0.7
Lime (CaO)	%	2.7	2.4

Physical Properties		Conventional Gunning		Insulating Gunning	
		QUIKGUN C-13	QUIKGUN C-16	QUIKGUN LW-11	QUIKGUN LW-12
Max. Service Temperature	^{o}C	1300	1600	1100	1200
Approximate Weight Required for Gunning (Rebound loss is included)	kg/m^3	2215	2590	1150	1250
Bulk Density After Drying at 110 ^{o}C	kg/m^3	2110	2400	1200	1220
Modulus of Rupture					
After Drying at 110 ^{o}C	kg/cm^2	90	90	20	30
After Heating at 1000 ^{o}C	kg/cm^2	40	85		
After Heating at	^{o}C	1300	1600	1040	1200
	kg/cm^2	60	150	10	20
Cold Crushing Strength					
After Drying at 110 ^{o}C	kg/cm^2	400	400	90	50
After Heating at 1000 ^{o}C	kg/cm^2	240	450		
After Heating at	^{o}C	1300	1600	1040	1200
	kg/cm^2	280	500	30	55
Permanent Linear Change					
After Heating at	^{o}C	1300	1600	1040	1200
	kg/cm^2	-0.45	-0.40	-1.00	-0.50
Thermal Conductivity :					
at 1000 ^{o}C	Kcal/hr.m.^{o}C			0.35	0.38
Chemical Composition :					
Alumina (Al_2O_3)	%	44.0	64.0	14.0	40.0
Silica (SiO_2)	%	42.0	29.0	52.0	37.0
Iron Oxide (Fe_2O_3)	%	1.0	1.3	0.5	1.5
Lime (CaO)	%	9.5	4.0		