

FIRE MAN REFRACTORIES PRIVATE LIMITED							
MORTAR							
TECHNICAL DATA SHEET							
MORTAR FIREMAN BRAND			FRL LAYSET	FRL HOTSET	FRL CALSET	FRL SINSET	FRL CAST LITE
CHEMICAL PROPERTIES							
Alumina as	Al2O3	% min	40	50	60	70	25
Iron as	Fe2O3	% max	3	3	3	3	3
PHYSICAL PROPERTIES							
Grain Size	Grain Size	In mm max	0.5	0.5	0.5	0.5	0.5
Dry Density as	B.D	Kg/m3	1800	1900	2200	2350	1300
SETTING TYPE			AIR SET	AIR SET	AIR SET	HEAT SET	HYDRO SET
THERMAL PROPERTIES							
WATER REQUIRED		%	35-40	32-35	28-32	25-32	25-30
NOTE:MATERIAL WILL BE SUPPLIED IN HDPE BAGS WITH LINERS , SODIUM SILICATE BINDER IS OPTIONAL ON DEMAND							