

STANDARD PRODUCTS				DENSE PRODUCTS				EXCESSIVE DENSE PRODUCTS		
MR Quality	MR-45 CAST	MR-SILCAST	MR-62 CAST	MR-45CASTD	MR-SILCASTD	MR-62CASTD	MR-65CASTD	MR-SILCASTDS	MR-62CASTDS	MR-65CASTDS
Al ₂ O ₃ (%)	44.0	56.0	62.0	45.0	58.0	62.0	67.0	59.0	62.0	67.0
Fe ₂ O ₃ (%)	1.5	1.5	1.5	1.2	1.0	0.8	0.8	0.8	0.8	0.7
SiO ₂ (%)	51.0	40.0	34.0	50.0	39.0	35.0	30.0	38.0	36.0	31.0
B.D. gm/cc	2.10	2.35	2.40	2.30	2.40	2.45	2.50	2.45	2.50	2.55
A.P.(%)	23	20	20	18	20	19	20	16	16	16
C.C.S.kg/cm ²	250	400	400	450	450	550	550	650	650	750
R.U.L.ta°C	1380	1520	1570	1480	1600	1620	1640	1620	1650	1680
P.C.EOrton	31	36	36	33	36	36	36	36	36	36
R.T.E.(%)	0.55	0.54	0.58	0.58	0.58	0.52	0.62	0.58	0.60	0.61
T.C.w/m°K	1.10	1.58	1.70	1.24	1.64	1.75	1.85	1.70	1.80	1.90
Mortar Recommended	MR-45M	MR-SILM	MR-62M	MR-45M	MR-SILM	MR-62M	MR-65M	MR-SILM	MR-62M	MR-65M
Typical Application	Rider Arch, Bottom Blocks etc.	Bottom blocks, Regenerator etc.	Bottom blocks, Regenerator etc.	Bottom Blocks etc.	Regenerator, Distributor etc.	Regenerator, Distributor etc.	Regenerator, Distributor etc.	For more critical & corrosive areas	For more critical & corrosive areas	For more critical & corrosive areas