



Refractories Mortars

Products	Chemical Analysis (%wt)					Main Component	Application Method	Refractoriness (°C)	Required Water (%)	Grain Size (mm)
	Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	Cr ₂ O ₃	C					
SURA MOR 38	38±2	53±2	2±0.5	-	-	Chamotte	Troweling	1450	25 – 28	0 – 0.2
SURA MOR 40	40±2	53±2	2±0.5	-	-	Chamotte	Troweling	1450	23 – 27	0 – 0.2
SURA MOR 50	50±2	36±2	2±0.5	-	-	Chamotte	Troweling	1500	22 – 26	0 – 0.2
SURA MOR 60	60±2	32±2	2±0.5	-	-	Bauxite, Chamotte	Troweling	1600	21 – 25	0 – 0.2
SURA MOR 70	70±2	22±2	2±0.5	-	-	Bauxite, Chamotte	Troweling	1680	20 – 24	0 – 0.2
SURA MOR 75	75±2	18±1	2±0.5	-	-	Bauxite	Troweling	1720	19 – 23	0 – 0.2
SURA MOR 80	80±2	14±1	1.5±0.5	-	-	Tabular, Bauxite	Troweling	>1730	18 – 22	0 – 0.2
SURA MOR 80 C	80±2	12±1	1.5±0.5	-	1.5±0.5	Tabular, Bauxite	Troweling	>1730	18 – 22	0 – 0.2
SURA MOR 85	85±2	11±1	1±0.5	-	-	Tabular, Bauxite	Troweling	>1730	17 – 21	0 – 0.2
SURA MOR 85 G	85±2	9±1	1±0.5	3±0.5	-	Tabular, Bauxite	Troweling	>1730	16 – 20	0 – 0.2
SURA MOR 85 M.P	85±2	9.5±1	1±0.5	2±0.5	1.5±0.5	Tabular, Bauxite	Troweling	>1730	16 – 20	0 – 0.2
SURA MOR 90 G	90±2	5±1	< 0.8	3±0.5	-	Tabular, Bauxite	Troweling	>1800	15 – 19	0 – 0.2
SURA MOR 92	92±2	6±0.5	< 0.5	-	-	Tabular Alumina	Troweling	>1800	14 – 18	0 – 0.2
SURA MOR 95	95±1	4.5±0.5	< 0.3	-	-	Tabular Alumina	Troweling	>1800	13 – 17	0 – 0.2
Standards	ISO 21587-2							ISO 825 ,1146	ASTM C860	