



سوراوجین عقیق
SURAVAJIN AGHIGH

Refractories Coating Masses

جرم های پوششی نسوز

Products	Chemical Analysis (%wt)				Main Component	Application Method	Refractoriness (° C)	Required Water (%)	Grain Size (mm)	Bulk Density At 110 ° C (gr/cm ³)	C.C.S (Kg/cm ²)	
	Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO							110 ° C	1100 ° C
SURA COAT 50	50±2	38±2	2.5±0.5	6±1	Bauxite, Chamotte	Troweling	1550	13 – 15	0 – 1	2±0.1	200 – 400	150 – 350
SURA COAT 55	55±2	36±2	2±0.5	6±1	Bauxite, Chamotte	Troweling	1600	13 – 15	0 – 1	2.1±0.1	200 – 400	150 – 350
SURA COAT 65	65±2	28±2	2±0.5	4.5±0.5	Bauxite	Troweling	1650	12 – 14	0 – 1	2.2±0.1	250 – 450	200 – 400
SURA COAT 75	75±2	17±1	2±0.5	4±0.5	Bauxite	Troweling	1700	12 – 14	0 – 1	2.3±0.1	250 – 450	200 – 400
SURA COAT 80	80±2	15±1	1±0.5	3.5±0.5	Tabular, Bauxite	Troweling	>1730	11 – 13	0 – 1	2.4±0.1	300 – 500	250 – 450
SURA COAT 85	85±2	10±1	1±0.5	3.5±0.5	Tabular Alumina	Troweling	>1730	11 – 13	0 – 1 0 – 2 0 – 3	2.5±0.1	300 – 500	250 – 450
SURA COAT 90	90±2	5.5±0.5	< 1	3.5±0.5	Tabular Alumina	Troweling	>1800	10 – 12	0 – 1 0 – 2 0 – 3	2.65±0.1	350 – 550	300 – 500
SURA COAT 92	90±2	4.5±0.5	< 0.8	3±0.5	Tabular Alumina	Troweling	>1800	10 – 12	0 – 1 0 – 2 0 – 3	2.7±0.1	350 – 550	300 – 500
SURA COAT 94	94±1	3.5±0.5	< 0.5	2.5±0.5	Tabular Alumina	Troweling	>1800	9 – 11	0 – 1 0 – 2 0 – 3	2.8±0.1	400 – 600	350 – 550
SURA COAT 95	95±1	2.5±0.5	< 0.2	2.5±0.5	Tabular Alumina	Troweling	>1800	8 – 10	0 – 1 0 – 2 0 – 3	2.9±0.1	400 – 600	400 – 600
Standards	ISO 21587-2						ISO 825 ,1146	ASTM C860		ASTM C20	ASTM C133	