

RAMMING/GUNNING SPRAY MASSES

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1. BASIC RAMMING MASSES

Product	MgO %	SiO ₂ %	Fe ₂ O ₃ %	Setting Type	Grading (mm)	Sintering Temp. (°C)	Appli. Temp. (°C)	Application Area
CC-BRM-95	94	1.50	-	Chemical	0-5	1550	1750	Tap Hole of BOF
CC-BRM-85	85	5.00	6.00	Ceramic	0-8	1400	1750	Dry RAMming Mass for EAF Bottom
CC-EBT-45	45	-	-	-	2-6	-	1750	EBT-EAF Tap Hole Filling Mass
CC-WRM-84	83	8.50	-	Chemical	0-5	1550	1750	Wet Ramming Mass for EAF
CC-BRM-70	70	8.00 Cr ₂ O ₃	-	Chemical	0-5	800	1750	Dry Ramming Mass for Induction Furnace Melting mild steel & alloy steel

2. SILICA RAMMING MASSES

Product	SiO ₂ %	Fe ₂ O ₃ %	Al ₂ O ₃ %	Setting	Grading (mm)	PCE (SK)	Sintering Temp. (°C)	Appli. Temp. (°C)	Application Area
CC-SRM	98	0.3	-	Ceramic	0-5	32	1200	1700	Lining Coreless Induction Furnace
CC-SRM	98	0.2	0.9	Ceramic	0-5	32	1200	1700	Lining Coreless Induction Furnace

Grading : 95% min. will pass through the maximum grain size indicated.

3. BASIC GUNNING MASSES

Product	MgO %	SiO ₂ %	Setting	Grading (mm)	PCE (SK)	After drying at 110°C		Appli. Temp. (°C)	
						B.D (gm/cc) Min	CCS (kg/cm ²) Min	PLC (%) Max	CCS (kg/cm ²) Min
CC-GUN-1	80	9.0	Chemical	0-3	38	-	-	-2.0	200
CC-GUN	85	8.0	Chemical	0-3	38	2.70	350	-1.5	300
CC-GUN-SUPER	90	4.0	Chemical	0-3	38	2.75	350	-1.5	200
CC-GUN-SUPER-SPL	94	2.0	Chemical	0-3	38	2.80	400	-1.5	200

4. BASIC SPRAYING MIXES

Product	MgO %	SiO ₂ %	Fe ₂ O ₃ %	Setting Type	Grading (mm)	Sintering Temp. (°C)	Appli. Temp. (°C)	PLC (%)	B.D (gm/cc)	Application Area
CC-SM/87-70	66	25	5.5	Chemical	0-0.5	750	1600	-3.0	1.80	Spraying of Bottom and walls of tundish
CC-SM/87-80	78	14	5.0	Chemical	0-0.5	750	1650	-5.0	1.85	Spraying of Bottom and walls of tundish
CC-SM/87-90	85	7	3.0	Chemical	0-0.5	750	1650	-5.0	1.85	Spraying of Bottom and walls of tundish
CC-SM/80	78	14	5.0	Chemical	0-1	750	1650	-1.5	2.30	Dry vibratable mix for bottom and wall of tundish

Grading : 95% min. will pass through the maximum grain size indicated.

5. COKE OVEN SPRAYING MIXES

Properties	CC-Spray-S
<ul style="list-style-type: none"> ▪ SiO₂ (Min) ▪ Maximum Service Temp (°C) ▪ Grading (mm) ▪ Method of installation ▪ Setting ▪ Sintering Temp. °C. Min ▪ Area of Application 	65.0 1200 0-0.5 Spraying Chemical 800 Hot repair of coke oven walls

Grading : 95% min. will pass through the maximum grain size indicated.