Basic Refractory Products

1. MAGNESIA BRICKS

Product	MgO %	CaO %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	A.P %	CCS kg/cm^2	RUL $(Ta)^OC$ Max	Application
CC-MGR	87.00	2.00	6.50	-	1.00	22	350	1550	EAF, LD & Ladle Backup
CC-MGD	92.00	2.00	4.00	-	0.80	18	600	1600	Hot Metal Mixer
CC-M-96	96.00	2.00	1.00	0.50	0.30	17	500	1700	Glass Tank Regenerator

2. MAGNESIA CHROME BRICKS

Product	MgO %	Cr_2O_3 %	SiO_2 %	A.P %	CCS kg/cm^2	RUL $(Ta)^OC$ Max	Application
CC-MGR	63	11	6.30	22	300	1600	Open Hearth Roof
CC-MC40S3	60	15	3.00	20	300	1700	Rotary Kiln for dead Buring Dolomite
CC-CMN	35	22	-	22	250	1600	Backup Lining

3. DIRECT BONDED MAGNESIA CHROME BRICKS

Product	MgO %	Cr_2O_3 %	SiO_2 %	A.P %	B.D gm/cc	CCS kg/cm^2	RUL $(Ta)^OC$	Application
CC-CR-VX	58	20	0.8	18	3.15	400	1720	Copper,Glass, VOD & Zinc Furnaces
CC-CR-VV	60	18	1.5	18	3.00	400	1700	Copper,Glass, VOD & Zinc Furnaces
CC-CR-XV	55	24	1.0	17	3.18	550	1750	Copper smelting & converting Furnaces
CC-RH	58	18	1.0	18	3.15	400	1700	Snorkel & Lower vessel of RH degasser

4. MAGNESIA CARBON BRICKS

Product	MgO %	F.C %	A.P %	B.D gm/cc	CCS kg/cm^2	HMOR kg/cm^2	Application
CC-HMR-LD	97	8	5	3	300	90	LD Convertor Bottom & Tap Pad
CC-HMR-SL	97	10	5	3	300	-	Steel Ladle

5. ALUMINA MAGNESIA CARBON BRICKS

Product	Al_2O_3 %	MgO %	F.C %	A.P %	B.D gm/cc	CCS kg/cm^2	Application
CC-AMC-1	70	8	5	6	2.8	400	Steel Ladle Bottom & Metal Zone
CC-AMC-3	80	8	5	5	3.1	400	Steel Ladle Bottom & Metal Zone

6. BASIC MORTARS

Product	MgO %	Cr_2O_3 %	SiO_2 %	Setting	Grading mm	Sintering Temp Deg C	CCS kg/cm^2	Application
CC-MGRM	85	-	8	Ceramic	0-0.5	1600	-	Laying Magnesite Bricks
CC-MGW (I) M	92	-	2	-do-	0-0.5	1650	-	Laying hing Magnesia Bricks
CC-MCM	60	15	-	-do-	0-0.5	1650	-	Laying Magnesia Chorme Bricks
CC-CMM	40	25	-	-do-	0-0.5	1600	-	Laying Chorme Magnesia Bricks
CC-DBM/CM	65	15	2	-do-	0-0.5	1600	-	Laying DBMC Bricks
CC-CH-15	15	35	6	Hydraulic	0.5	1300	200	Copper and other applications

7. BASIC RAMMING MASSES

Product	MgO %	SiO_2 %	Fe_2O_3 %	Setting	Grading mm	Sintering Temp Deg C	Application on Temp Deg C	Application
CC-M-95	94	1.50	-	Chemical	0-5	1550	1750	Tap Hole of BOF
CC-M-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 Taphole Filling Mass
CC-M-84	83	8.50	-	Chemical	0-5	1550	1750	Wel Ramming Mass for EAF
CC-MCX	70	8.00 Cr_2O_3	-	Chemical	0-5	800	1750	Dry Ramming Mass for Induction Furn melting mild steel & alloy steel

8. BASIC GUNNING MASSES

Product	MgO %	SiO_2 %	Setting	Grading mm	PCE (SK)	After drying at 110°C		After Firing at 1550°C	
						B.D gm/cc	CCS kg/cm^2	PLC %	CCS kg/cm^2
CC-Gun-I	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

9. BASIC SPRAYING MASSES

Products	MgO %	SiO2 %	Fe2O3 %	Setting	Grading mm	Sintering Temp in °C	Appln. Temp in °C	PLC	B.D gm/cc	Application Area
CC/87-70	66	25	5.5	Chemical	0-0.5	750	1600	-3.0	1.85	Spraying of bottom and walls of tundish
CC/87-80	78	14	5.0	Chemical	0-0.5	750	1650	-5.0	1.85	Spraying of bottom and walls Of tundish
CC/87-90	85	7	3.0	Chemical	0-0.5	750	1650	-5.0	1.85	Spraying of bottom and walls Of tundish
CC-VRC-80	78	14	5.0	Chemical	0-1	750	1650	-1.5	2.35	Dry vibratable mix for botton and wall of tundish