



# MAHAVIR REFRACTORIES CORPORATION

## Typical Technical Parameters

### FIRECLAY & HIGH ALUMINA BRICKS

Product Brand	Al <sub>2</sub> O <sub>3</sub> % Min.	Fe <sub>2</sub> O <sub>3</sub> % Max.	A.P. % Max.	B.D. gms/cc Min.	C.C.S. kgs/cm <sup>2</sup> Min.	P.C.E. O.C. Min.	R.U.L ta °C Min.	P.L.C. % Temp. °C HRS Max.	Cr <sub>2</sub> O <sub>3</sub>	Application
RH-30	30	2.5	25	2.0	200	30	1300	1350/2HRS±1		MHD Bricks suitable for heavy duty Boiler, Furnace lining, flue lining for waste heat, Boiler installation etc.
RH-30D	33	2.0	23	2.1	250	30	1350	1350/2 HRS±1		
RH-35	35	2.0	23	2.1	250	31	1370	1350/2 HRS±1		
RH-35D	35	2.0	18	2.1	250	31½	1370	1380/2 HRS±0.8		High CCS & Low A.P.
RH HG Dense	36	2.0	16	2.1-2.15	400	31½	1380	1380/2 HRS±0.8		High Grog suitable for Blast furnace Stack & Steel Ladle lining
RH-40	40	2.5	28	-	175	32	1400	1400/2 HRS±1		Suitable for lining heat treatment Furnaces
RH-40D	40-42	1.8	23	2.2	250	32	1420	1450/2 HRS±0.5		Suitable for lining heat treatment Furnaces & Steel Ladles
RH-42	42-43	1.8	22	2.1-2.2	300	33	1450	1450/2 HRS±0.5		Super duty Bricks for Steel Plant for different Furnaces & Steel ladles
RH-42D	42-44	1.8	18	2.2	400	33	1460	1450/2 HRS±0.3		Super Duty bricks for Blast Furnace Stack lining
RH-45	45-47	1.7	22	2.2	300	34	1470	1450/2 HRS±0.5		Suitable for Blast Furnace
RH-45D	45-48	1.7	18	2.25	400	34SK	1500	1450/2 HRS±0.5		
RH-50	50-52	1.7	22	2.2	350	34	1480	1450/2 HRS±0.5		Suitable for Forging Furnace Bottom lining
RH-50B	50	2.5	24	2.3-2.35	300	34SK	1450	1450/2 HRS±0.5		
RH-56 Sill.	56-58	1.8	23	2.3-2.4	350	36	1520	1500/2 HRS±0.5		Suitable for Forging Furnace Bottom lining
RH-50D	50	2.0	22	2.35	350	34SK	1450	1500/2 HRS±0.5		
RH-60	60	1.8	23	2.3-2.4	350	36+	1500	1500/2 HRS±0.7		Front Wall bricks for lining Steel Ladles
RH-60D	60	1.8	20	2.35-2.4	400	36	1500	1500/2 HRS±0.5		
RH-60B	60-62	3.0	24	2.4	300	34/35	1420	1500/2 HRS±2.0		Reheating Furnaces, Blast Furnace Stoves Walls & Checkers Lining
RH-62	62	1.5	23	2.3-2.4	350	35	1500	1500/2 HRS±0.4		
RH-70B	70	3.5	23	2.6	400	36	1450	1600/2 HRS±3.0		Suitable for Electric Arc Furnace Roof & Ladle Lining
RH-70BD	70	2.5	22	2.6	500	36+	1480	1600/2 HRS±2.5		
RH-70S	70-72	1.8	22	2.6	500	36+	1550	1600/2 HRS±0.5		High Thermal shock resistance & abrasion resistant Bricks.
RH-80B	80	2.5	22	2.65	400	36+	1470	1600/2 HRS±2.0		
RH-AL-CRO	68	-	21	3.1	800	36+	-	1600/2 HRS±1.5	15%	