

C.V. MEKAR JAYA TECHNIC

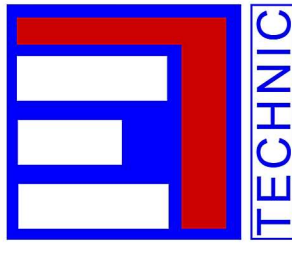
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TECHNICAL DATA FIRE BRICK EX LOCAL

Specification	Fire Clay Brick		High Alumina Brick	
	SK - 32	SK - 34	SK - 36	SK - 38
Max. Service Temperature (°C)	1200	1400	1500	1600
Bulk density (gr/cm ³)	2.0-2.1	2.1-2.2	2.2-2.3	2.4-2.6
Chemical Composition (%)				
AL ₂ O ₃	32-35	40-45	55-60	70-80
SiO ₂	50	45	35	25
Fe ₂ O ₃	max.1	max. 1	max. 0,5	max. 0,5

FIRE CLAY & HIGH ALUMINA BRICK EX. RRC

Specification	Fire Clay Brick		High Alumina Brick	
	T.F.B.	T.H.B.	HA-3	HA-1
Max. Service Temperature (°C)	1600	1650	1700	1850
Bulk density (gr/cm ³)	2,5	2,7	3,2	3,8
Chemical Composition (%)				
AL ₂ O ₃	45	50	64	80
SiO ₂	44-56	35-40	20-23	12
Fe ₂ O ₃	1,6	1,5	1	0,5

INSULATING BRICK

Specification	TYPE		TYPE	
	B-1	B-2	C-1	C-2
Max. Service Temperature (°C)	900	1000	1250	1400
Bulk density (gr/cm ³)	0,7	0,8	1,1	1,2
Thermal Conductivity K cal/mh °C at 350+10 °C	0,16	0,17	0,28	0,35
Chemical Composition (%)				
AL ₂ O ₃	11	12	25	34
SiO ₂	78	72	60	55
Fe ₂ O ₃	3,6	3,2	1,7	1,5

REFRACTORY MORTAR

Specification	Sta.SK.32	Sta.SK.34	Sta.SK.36	Sta.SK.38
	Max. Service Temperature (°C)	1200	1400	1600
Chemical Composition (%)				
AL ₂ O ₃	35	45	56	70
SiO ₂	57	50	33	20
Fe ₂ O ₃	2,3	1,8	1,3	0,8
Application	Fire Clay Brick	High Alumina Brick	High Alumina Brick	High Alumina Brick

