

SPECIAL INSULATIONS

BRAND	Service temp °c	BD gm/cm ³ max	AP % min	CCS Kg/cm ² min	Thermal Conductivity Kcal/m/hr °c max			PLCAR °c/hrs/% max	Al ₂ O ₃ % min	Fe ₂ O ₃ % max
					At 400 °c	At 800 °c	at 1000 °c			
Maithan P50	1300	0.55	80	11	0.16	0.20	0.22	1250/24/±1.0	42	0.7
Maithan P65	1400	0.70	75	25	0.20	0.24	0.26	1350/24/±1.0	56	1.0
Maithan P70	1450	0.75	70	15	0.22	0.25	0.27	1400/24/±1.0	56	0.7
Maithan P75	1400	0.80	68	40	0.25	0.30	0.33	1350/24/±1.0	45	1.5
Maithan P80	1400	0.85	65	60	0.30	0.33	0.35	1350/24/±1.0	45	1.5
Maithan HF15	1400	1.05	60	20	0.28	0.34	0.36	1350/24/±1.0	40	1.8
Maithan HF60AL	1500	1.10	60	20	0.30	0.35	0.38	1450/24/±1.0	58	1.5
Maithan HF60S	1500	1.60	45	150	0.50	0.55	0.58	1450/24/±1.0	60	1.5
Maithan HF155	1550	1.00	64	40	0.30	0.35	0.38	1500/24/±1.0	61	0.9
Maithan HF70AL	1650	1.20	62	50	0.38	0.45	0.50	1600/24/±1.0	70	1.0
Maithan HF80AL	1700	1.30	58	50	0.42	0.48	0.54	1650/24/±1.0	80	0.8
Maithan BA90AL	1800	1.40	58	100	0.90	1.05	1.05	1700/24/±0.5	90	0.2

The data relates to standard bricks. These data are subject to variation for blocks and intricate shapes. Size tolerance: ± 1.5% or ± 2 mm whichever is greater.

CONVENTIONAL INSULATIONS

BRAND	Service Temp °c	BD gm/cm ³ max	AP % min	CCS Kg/cm ² min	PCE Orton min	Thermal Conductivity Kcal/m/hr °c At 600°c hot Face max	Al ₂ O ₃ % min	Fe ₂ O ₃ % max
Maithan LW	1200	1.10	55	30	30	0.40	30	2.0
Maithan LWS	1200	1.30	50	70	30	0.50	30	2.0
Maithan LWHS	1200	1.40	45	100	31	0.55	35	2.0
Maithan CFI	1250	0.75	65	10	30	0.30	32	2.0
Maithan CFS	1250	0.65	70	10	30	0.20	32	2.0
Maithan CFHA	1300	0.65	70	10	31	0.20	38	1.5
Maithan HFI	1300	0.90	60	15	30	0.32	32	2.0
Maithan HFS	1300	1.10	60	30	31	0.35	35	2.0
Maithan HFK	1400	1.10	55	40	32	0.35	40	2.0
Maithan HSI	1300	1.60	45	150	31	0.60	35	2.0

The data relates to standard bricks. These data are subject to variation for blocks and intricate shapes. Size tolerance: ± 1.5% or ± 2 mm whichever is greater.