

Heat Setting Mortar

BRAND NAME		HIGH-ALUMINA			FIRECLAY		HIGH-SILICA	
ITEMS		HAM-36	HAM-38	HAM-40	FCM-32	FCM-34	HSM-1	HSM-2
Refractoriness (SK)		36	38	40	32	34	27	30
Chemical Composition (%)	Al ₂ O ₃	47	65	75	27	37	SiO ₂ 85	SiO ₂ 90
	Fe ₂ O ₃	3	3	3	3.5	3.5	-	-
Grain Size(%)	+1.00mm	0	0	0	+1.4mm 0	+1.4mm 0	0	0
	-0.074mm	40≤	50≤	50≤	30≤	30≤	50≤	50≤
Bonding Strength(Kg/cm ²)	1400°C x 3h	25	25	25	10	15	-	-
Bonding Time (min)		1 ~ 3						
Applications		* Brick (SK 36,35)	* Brick (SK 38,37)	* Brick (SK 40,39)	* Brick (SK 32,31)	* Brick (SK 34,33)	* Ladle Brick	* General Silica Brick

Air Setting Mortar

BRAND NAME		HIGH-ALUMINA			FIRECLAY		
ITEMS		HAMA-36	HAMA-38	HAMA-40	FCMA-30	FCMA-32	FCMA-34
Refractoriness (SK)		36	38	40	30	32	34
Chemical Composition (%)	Al ₂ O ₃	50	70	85	24	33	40
	Fe ₂ O ₃	3	3	3	3.5	3.5	3.5
Grain Size (%)	+1.3mm	20≥	10≥	10≥	20≥	20≥	20≥
	-0.074mm	50≤	50≤	50≤	30≤	30≤	40≤
Bonding Strength (Kg/cm ²)	1300°C x 3h	40	40	40	at 1100°C x 3h 25	at 1100°C x 3h 25	30
Applications		* Brick (SK 36,35)	* Brick (SK39,37)	* Brick (SK 40,39)	* Brick (SK 30)	* Brick (SK 32,31)	* Brick (SK 34,33)