

PRODUCT	MAX	MAX	%	BREAK	BREAK	COMP.	COMP.	REQUIRED	SHELF
	TEMP.	TEMP.	SILICA	MODULUS	MODULUS	STRENGTH	STRENGTH	AMOUNT	LIFE
				a 110 oC	a 140 oF	a 110 oC	a 140 oF	?	
	oC	oF		Kg/cm2	Lbs/psi	Kg/cm2	Lbs/psi	Lbs/ft3	Months
DENSE CONCRETE									
BR15M	1650	3000	45%	29.7	422			2.30	12
RE60	1650	3000	33%	65	925	299	4253	2.20	12
RE60-AL	1650	3000	33%	65	925	299	4253	2.20	12
RE60-SR	1650	3000	33%	65	925	299	4253	2.20	12
RE70	1715	3029	23.70%	79	1124	345	4907	2.25	12
RE80	1780	3146	17%	98	1394	351	4992	2.30	12
INSULATING CONCRETE									
LG-1	1400	2462		12	171	40	569	1.10	12
ULTRA LOW CEMENT DENSE CONCRETE									
RE-BC52	1550	2732	45%	100	1422	120	1707	2.45	6
RE-BC68	1550	2732	29%	90	1280	130	1849	2.56	6
RE-BC70	1700	3002	23%	110	1565	350	4978	2.72	6
LOW CEMENT DENSE CONCRETE									
RE60-BC	1650	3000		120	1707	633	9003	2.56	6
RE70-BC	1715	3029		120	1707	640	9103	2.60	6
RE80-BC	1780	3146		130	1849	645	9174	2.65	6
DENSE ANTI-CRUST DENSE CONCRETE									
RC30	1650	3000	29%	140	1991			2.58	6
PLASTICS									
PL50 *	1650	3000	47.50%	16	228			2.30	6
PL60 *	1650	3000		17	242			2.35	6
PLC70 **	1815	3209	15.00%	115	1636			2.45	6
DRY MORTAR									
M1-50 *	1550	2732							Indefinite
M2-50 **	1650	3000							11
M3-40 **	1450	2552							11
WET MORTAR									
M4-50 **	1550	2732							6
M4-60 **	1650	3000							6
M5-60 **	1815	3209							6
RAMMERS									
APE-1	2250	3992						2.55	6
REFRACTORY BRICKS									
L-20	1250	2192	21%	49	49				
L-30	1650	3000	63%	110	110				
L-40	1650	3000	53%	130	130				

NOTES:

* Set with fire

** Set with air

Nota: Dense concrete type MR60 with 30% magnesium oxide

Plastic type PLC70 alumina chrome, phosphate

Concrete cement type RC30 anti-crust based on silicon carbide

Refractory brick L-30, available in all sizes

Refractory brick L-20 and L-40 available only in standard sizes and tiles