

## Calcium Silicate Technical Data

	Nominal density	Max. Service temperature	Max. Thermal conductivity	Min. compressive strength		Min. bending strength		Max. linear shrinkage %		Max. moisture content
	kg/m3	degrees C	W/m.K @ 70 +/- 5C	mpa	(kgf/cm2)	mpa	(kgf/cm2)	(650C 16hrs)	(982C 24hrs)	%
Sitek 200	200	650	0.060	0.55	5.61	0.42	4.28	2.0		5.0
Sitek 220	220	650	0.062	0.58	5.92	0.43	4.38	2.0		5.0
JIS A-9510 No. 2-22	220	650	0.062			0.30	3.10	2.0		
ASTM C-533 type 1	240	649	0.065	0.41		0.31		2.0		
Sitek 170	170	650	0.054	0.51	5.20	0.41	4.18	2.0		5.0
JIS A-9510 No. 2-17	170	650	0.055			0.20	2.00	2.0		
Sitek HTB 220	220	1000	0.060	0.84	8.56	0.45	4.59		2.0	
JIS A-9510 No. 2-22	220	1000	0.062			0.30	3.10		2.0	
ASTM C-533 type 2	240	871	0.095 @ 204C	0.41	4.22	0.31	3.16		2.5	
Sitek HTB 130	130	1000	0.047	0.49	5.00	0.29	3.00		2.0	
JIS A-9510 No. 1-13	130	1000	0.490			0.20	2.00		2.0	