

1000 D.C. Calcium Silicate Insulation Products (Calsil 1000 °C)

The 1000 D.C. calcium silicate products (board/ block/ slab/ pipe (cover/ sections))are suitable for thermal insulation in furnace, cave dwelling of steel mill, petrochemical, ceramics, glass, cement industries and power industries as well as other various ancillary heating equipment.

With the properties of the following;

- High strength: the strongest one among the inorganic thermal insulation materials with the similar density;
- Non-deformation within the temperature range;
- Low thermal conductivity;
- Asbestos-free.



Technical data:

Item	Unit	Value			
		135	170	220	300
Bulk density (max.)	Kg/ m ³	135	170	220	300
Flexural strength (min.)	Mpa	0.2	0.3	0.35	0.4
Compressive strength (min.) at 5% deformation	Mpa	0.4	0.6	0.7	0.8
Linear shrinkage (max.)	%	2	2	2	2
Thermal conductivity (max.) average temp. 70 °C	W/m.k	0.049	0.058	0.062	0.07
Service temp. (max.)	°C	1000	1000	1000	1000

