



Calcium Silicate Board

We can provide two grades of Non-asbestos Calcium Silicate insulation products, applicable to work environment ranging from 600 to 1,000 Celsius degrees. This product family combines the advantages of light weight, low thermal conductivity and high temperature resistance with chemical resistance. Featured with easy-to-cut and easy-to-install, they are ideal insulating material for power plants, chemical plants, shipyards, refineries, paper mills, etc.

Product forms include plate board, curved sheet. Pipe cover, and accessory products.

Features:

1) High strength, the strongest one among the inorganic thermal insulation

Materials with the similar density

2) Non-deformation within the working temperature range

3) Low thermal conductivity compared to others

4) Asbestos-free

Typical applications:

CaSi products are recommended as thermal insulation of piping and

Equipment in power station, steel mill, and petrochemical industries and other

Variety of applications.

It can also be specified to use in furnace as backing material of refractory bricks



ZHENGZHOU SUNRISE TECHNOLOGY CO., LTD

Technical Index

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|-----------------------------------|-----------------------------------|--------|--------|--------|--------|--------|
| Item | | W2-22 | W2-25 | W2-30 | W1-22 | W1-25 |
| Classification Temperature (°C) | | 1000 | 1000 | 1000 | 650 | 650 |
| Density (kg/m ³) | | 220 | 250 | 300 | 220 | 250 |
| TensileStrength (Deform5% , MPa) | | 0.5 | 0.5 | 0.6 | 0.5 | 0.6 |
| Strength to resist bending (MPa) | | 0.3 | 0.3 | 0.4 | 0.3 | 0.3 |
| Thermal Conductivity/ (m•k) | | | | | | |
| | Classification Temperature (°C) | ≤0.060 | ≤0.065 | ≤0.070 | ≤0.065 | ≤0.065 |
| | Density (kg/m ³) | ≤0.070 | ≤0.075 | ≤0.080 | ≤0.070 | ≤0.070 |
| Average Temperature | TensileStrength (Deform5% , MPa) | ≤0.082 | ≤0.087 | ≤0.092 | ≤0.082 | ≤0.082 |
| | | ≤0.095 | ≤0.100 | ≤0.105 | ≤0.095 | ≤0.095 |
| | | ≤0.110 | ≤0.115 | ≤0.120 | ≤0.110 | ≤0.110 |
| | | ≤0.125 | ≤0.130 | ≤0.135 | ≤0.125 | ≤0.125 |

Standard Size and Package :

Package : Carton+Pallet

Standard Size : (Unit : mm)

| | | | |
|-------------|--------------|----------------|-----------------|
| Plain Plate | LengthxWidth | 610x300 | Thickness25-100 |
| | | 1000x500 | |
| Arch Plate | ID196-3560 | Thickness25-75 | Length 610/915 |
| Pipe | ID16-171 | Thickness25-75 | Length 610/915 |