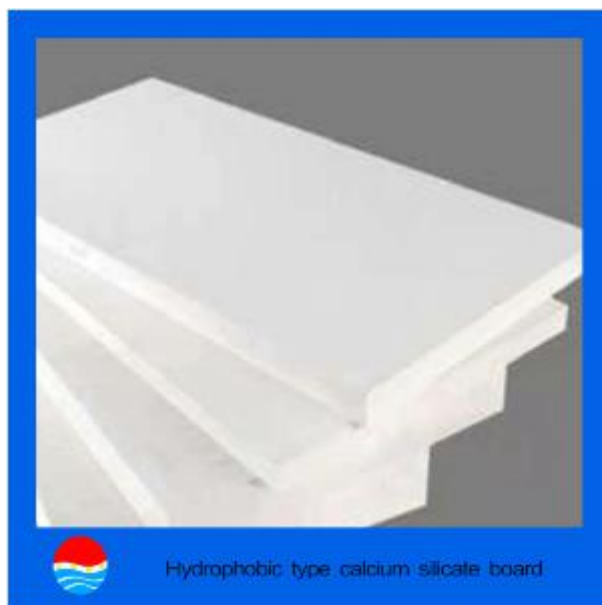


# SHANDONG TAIRAN IMPORT AND EXPORT CO.,LTD

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## Hydrophobic type calcium silicate board



### 1,Product introduction of hydrophobic type calcium silicate board

1. The product is non asbestos hard insulation material with hydrophobic microporous structure. It has high temperature resistance of 650 °C , strong heat resistance, no deformation in the temperature range of use, high hydrophobicity, and can be soaked in water for a long time without affecting the use performance, especially strong boiling resistance. The product is weakly alkaline, combined with crystal, completely different from rock wool insulation material. The product has high compressive strength, stable thermal insulation structure, fireproof, heat insulation, weather resistance, aging resistance and corrosion resistance. The product is white inorganic material

### 2,Main technical parameter of Hydrophobic type calcium silicate board

Item	Unit	Value
Density	Kg/m <sup>3</sup>	≤220
Flexural strength	Mpa	>0.3
Compressive strength	Mpa	>0.5
Service temperature	°C	650
Thermal conductivity 343 ± 5 °C	W/m.k	0.06
Linear shrinkage	923k,16h,%	≤1.5

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Moisture content	%	≤7.5
Hydrophobicity	%	>97, Soaking in water for 48H

### 3. Main features of the product

- 1) Fire performance: Class A, safety and environmental protection
  - 2) High strength, it is the highest strength of inorganic insulation materials
  - 3) The hydrophobic rate was more than 97%, and there was no change of water permeability after soaking in water for 48 h
  - 4) Good thermal insulation, thermal conductivity is lower than other hard block insulation materials
  - 5) Good weather resistance, no deformation within the temperature range
  - 6) Environmental protection, asbestos free products, anti-bacterial, anti mildew, anti-aging, anti-corrosion
  - 7) Light weight, arbitrary cutting, convenient for construction
4. Product specification: 600 \* 400mm, 600 \* 300mm, thickness 30-300mm
5. Application: widely used in electric power, chemical industry, metallurgy, boiler, kiln

6, Good feedback of product use effect, the products have been exported to South Korea, Japan, Pakistan

7, We are a professional supplier, who can provide customers with free product technology, use and other issues

Do you want to find a professional supplier of Hydrophobic type calcium silicate board?

Do you want to find a stable and credible supplier?

Then please contact with us

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