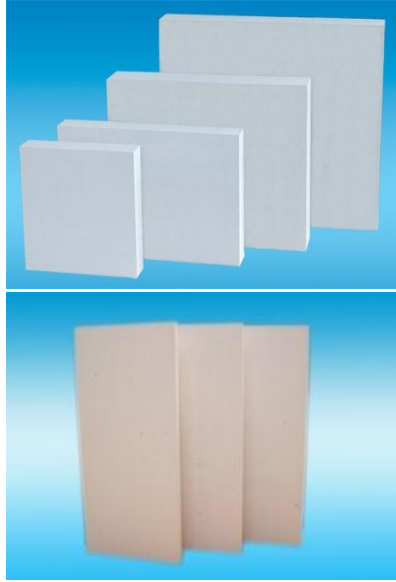




**BORNDER**

## BORNDER —High Temperature Calcium Silicate Insulation Board



This product mainly used in metallurgy, petroleum, building, machinery, power plants, chemical plants, light-industry, kilns, furnaces and shipping heat-insulation projects.

The product has sold well in China, Taiwan, Hong Kong and exported to Africa, Europe, Asia, America and Australia, etc, more than fifty countries and region.

Item	HCS-650	
Bulk Density (dry)	230 ± 10% kg/m <sup>3</sup>	270 ± 10% kg/m <sup>3</sup>
Thermal Conductivity	0.063W/m.k +0.0001t	0.065W/m.k +0.0001t
Flexural Strength	0.4 MPa	0.5 MPa
Water Content	<9%	<9%
Service Temperature	650°C	650°C
Linear Shrinkage (1000°C × 16h)	2%	2%
Thickness	30-120mm	25-100mm
Length and Width	1000X500,500X500, 600X300/150,610X300/150,400X250, 1080X950,1220X1220	
Size Tolerance	Length ± 4mm Width ± 3mm Thickness +3 - 1.5mm	
PH value	7-9	
Mineral Consist	Xonotlite hydrated calcium silicate	
Solubility	Non-solubility	
Toxic Information	Non-asbestos and nontoxic	
Color and smell	White and non-smell	
Loss on ignition	6-8%	
Volatility	Non-Volatility	