

Inorganic Ceramic Fiber Board

Description

Inorganic ceramic fiber board is made of high purity aluminium silicate fiber cotton. It can be formed into inorganic board without secondary combustion by self-developed environmental protection equipment. This board does not contain organic materials. It is smokeless and tasteless, and its strength and hardness do not decrease but increase when exposed to open fire, high temperature and high heat.

Classifications

ICFB – 1260

Features

Resistant to thermal shock
Low thermal conductivity
High fiber content
Lightweight
Low heat storage
Easy to install

Applications

Low shot content
No organic substances
Low thermal conductivity
Low shrinkage on heating
Excellent compress strength

Specifications

(3-50) x 600 x 900mm
(3-50) x 500 x 1200mm
(3-50) x 600 x 1000mm
(3-50) x 1000 x 1200mm
Other specification is available according to customer's requirement.



Classification	ICFB – 1260
Classification Temp(°C)	1260
Continuous Use Temp(°C)	1100
Color	White
Density(kgs/m ³)	280 – 500
Linear Shrinkage (%) (900°C x 12hrs)	-0.70
Thermal Conductivity (W/m.K,300kgs/m ³) 900°C	0.09
Compress Strength (Mpa)	0.14
Compress Strength After Calcination(Mpa) (900°C x 12hrs)	0.16
Chemical Composition (%)	
Al ₂ O ₃	46
Al ₂ O ₃ + SiO ₂	98
Fe ₂ O ₃	< 1
Na ₂ O + K ₂ O	≤ 0.5