

SHANDONG TAIRAN IMPORT AND EXPORT CO.,LTD

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Calcium Silicate Fireproof Board



1,Product main performance parameters

Item	Vlue	
Wet swelling rate %	Standard value	≤ 0.25
	Measured value	0.11-0.12
Flexural strength of single block Mpa	Standard value	≥ 11.2
	Measured value	17.4
Impact strength KJ/m2 C4 grade	Standard value	≥ 2.2
	Measured value	2.5
Asbestos composition	Nil	
Combustion performance A(A1)grade	Heating rate	Standard $\leq 30^{\circ}\text{C}$, actual 7°C
	Continuous burning time	Standard 0s, actual 0s
	Mass loss	Standard $\leq 50^{\circ}\text{C}$, actual 15-18%
	Heat of combustion	Standard $\leq 2.0\text{MJ/kg}$, actual 0.9-1.0MJ/kg
Apparent density g/cm3	1.24-1.50	
Water absorption	22-25	
Impermeability	There was no water drop on the bottom after 24 hours inspection	

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2,Tolerance of dimension

Item	Value
Length	Standard $\pm 5\text{mm}$,actual measurement $\pm 1\text{mm}$
Width	Standard $\pm 3\text{mm}$,actual measurement $\pm 1\text{mm}$
Thickness	Standard $\pm 0.5\text{mm}$,actual measurement $\pm 0.1\text{mm}$
Thickness inhomogeneity	Standard $\leq 5\%$,actual measurement 1%
Edge straightness	Standard $\leq 2\text{mm/m}$,actual measurement 1mm/m
Diagonal difference	Standard $\leq 5\text{mm}$,actual measurement 1mm
Planeness	Standard $\leq 0.3\text{mm}$,actual measurement 0.15-0.2mm

3,Product picture



4 ,Product Description:

The product is made of high-purity quartz sand, cement, lignocellulose and other main raw materials after 24-hour high-temperature and high-pressure molding and maintenance. The product is free of asbestos, environmental protection, waterproof and moisture-proof. After 24-hour inspection, there is no water drop on the bottom of the product. The product is fireproof grade A1, heat insulation, low thermal conductivity, self extinguishing flame retardant, insect proof and mould proof, and is not easy to deform. The products are widely used in construction engineering, tunnel engineering, subway engineering, electric power engineering and other fields. They show superior performance in fire prevention, sound insulation and heat insulation, and can last for 30 years

5. Main features:

- 1) No asbestos, environmental protection, beautify the environment
- 2) Fireproof A1, waterproof and moisture-proof, sound insulation
- 3) Insect proof, mould proof, acid and alkali resistant
- 4) High strength, single block bending strength and impact strength
- 5) High dimensional accuracy and tight structural integrity after construction

6.Common sizes and specifications:1220*2440*5-30mm

7,Good feedback of product use effect,the products have been exported to South

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Korea, Japan, Europe

8, 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 Calcium Silicate Fireproof Board?

Do you want to find a stable and credible supplier?

Then please contact with us

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