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Foshan production base:  
 Foshan Sanle Building Materials Industry Co.,Ltd.  
 Address: Area B, Hegui Industrial Park, Heshun, Lishui Town, Nanhai District, Foshan City, Guangdong Province

Zhaoqing production base:  
 Zhaoqing Sanle Integrated Housing Manufacturing Co.,Ltd.  
 Address: 9 Baoying Road, High-tech Industrial Development Zone, Zhaoqing City, Guangdong Province

Yunnan production base:  
 Yimen Sanle Technological Board Manufacturing Co.,Ltd.  
 Address: Maizitian Area, Yimen Industrial Park, Longquan Street, Yimen Town, Yuxi City, Yunnan Province

Hebei production base:  
 Weixian Kaifeng Construction Board Technology Co.,Ltd.  
 Address: 7 Industrial Development Zone, Weixian, Xingtai City, Hebei Province



Official Website



Alibaba Website (Foshan)



Alibaba Website (Zhaoqing)

## Sanle Fireproof Calcium Silicate Board





# COMPANY INTRODUCTION



Foshan production base

Zhaoqing production base

Yunnan production base

Hebei production base

## CORPORATE HISTORY

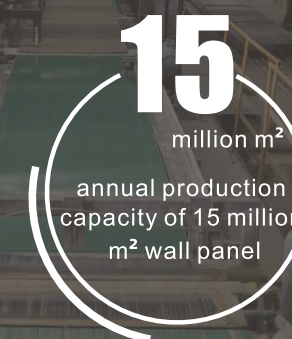
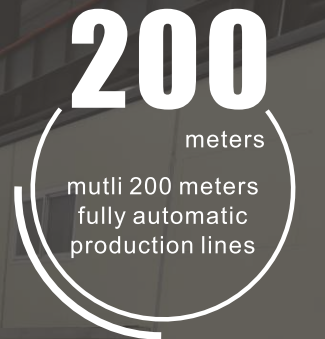
- 1992 | Sanle Roofing Tile Factory.
- 1998 | Beijing Sanle Building Materials Co., Ltd.
- 2005 | Foshan Sanle Building Materials Industry Co., Ltd.
- 2006 | Hebei Sanle Building Materials Industry Co., Ltd.
- 2013 | Weixian Kaifeng Construction Board Technology Co.,Ltd
- 2016 | Foshan Jujianyifang Trading Co., Ltd.
- 2017 | Zhaoqing Sanle Integrated Housing Co., Ltd.
- 2018 | Zhaoqing Sanle Assembled Construction Industrial Park. Zhaoqing Sanle Equipment Manufacturing Co., Ltd. Yimen Sanle Technological Board Manufacturing Co.,Ltd



Sanle Group is one of the Chinese largest building materials company group, enjoys the well-known Sanle brand at home and abroad. Our group was established in 1992. We are a professional manufacturer engaging in the research, development, production, sale and service of fiber cement board, calcium silicate board, EPS cement panel, decorative cement panel, fiber cement roofing sheet, honeycomb board and wood grain fiber cement siding panel. Sanle group also offer all kinds of prefabricated system, such as prefabricated integration packaged products, including fabricated ceiling systems, prefabricated ground system, overall kitchen system, prefabricated wall systems, prefabricated partition system, prefabricated cellular system, overall toilet system and prefabricated hydro-power system. Our group has a stable prefabricated design and development team and a state-recognized architectural design institute. We obtain a number of product patent technologies.

The headquarter of our SANLE group is located in the Foshan city, China. There are four production bases, which are respective in Foshan, Zhaoqing, Yunnan and Hebei. We are the national high-tech enterprise. Our group covers 220,000 sqm factory area , with 800 workers and more than 15% R & D personnel. We have introduced advanced fiber cement production technology form Japan, Thailand and etc, owning 5 the most advanced automated hatschek production lines, with with annual output more than 15,000,000 pieces panels. We have got the certificate of ISO 9001:2015 and ISO 14001:2015.

## Focus on building industrialization







## | PRODUCT INTRODUCTION

The raw materials of Sanle fireproof calcium silicate board are high purity quartz powder, high grade cement, high purity slaked lime, plant fiber and other minerals. From raw material processing to autoclaved plate finished product processing, each process is strictly controlled.



### Fire insulation

Grade A1 fire classification, low conductivity



### Water proof and moisture proof

In semi-open air and high temperature environment, it can still maintain stable performance without sinking or deformation.



### Heat and sound insulation

Low thermal conductivity, good heat insulation performance



### Light weight and high strength

Low density and high bending strength



### Easy construction

Dry operation mode, keel with board installation and construction is simple, fast speed



### Safe and harmless

Environment protection building material, the board will not burn and produce toxic smoke in fire



### Long life

Acid and alkali resistance, corrosion resistance, and will not be damaged by moisture or insects and ants



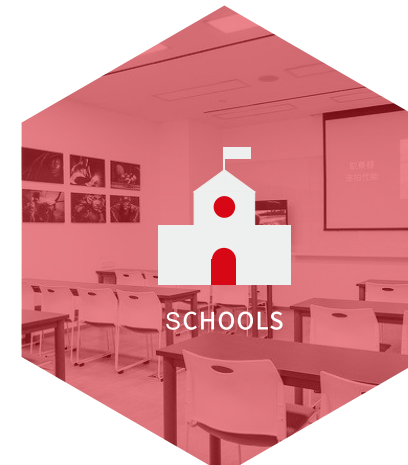
### Excellent performance for second decoration

Can be with drilling, carving, brick nailing, finishing, pasting ceramic tile, wall cloth and other materials according to the actual situation



## | PRODUCT APPLICATION

Sanle fireproof calcium silicate board is for moisture proof, fire prevention, partition, ceiling and other purposes in the relatively wet setting . It is widely used in offices, hotels, hospitals, factory buildings, schools, villas, theaters and various art buildings.



SCHOOLS



HOSPITALS



VILLAS



HOTELS



OFFICE BUILDINGS



FACTORY BUILDINGS



## Fireproof Ceiling | fire resistance: 2 hours

### Specification:

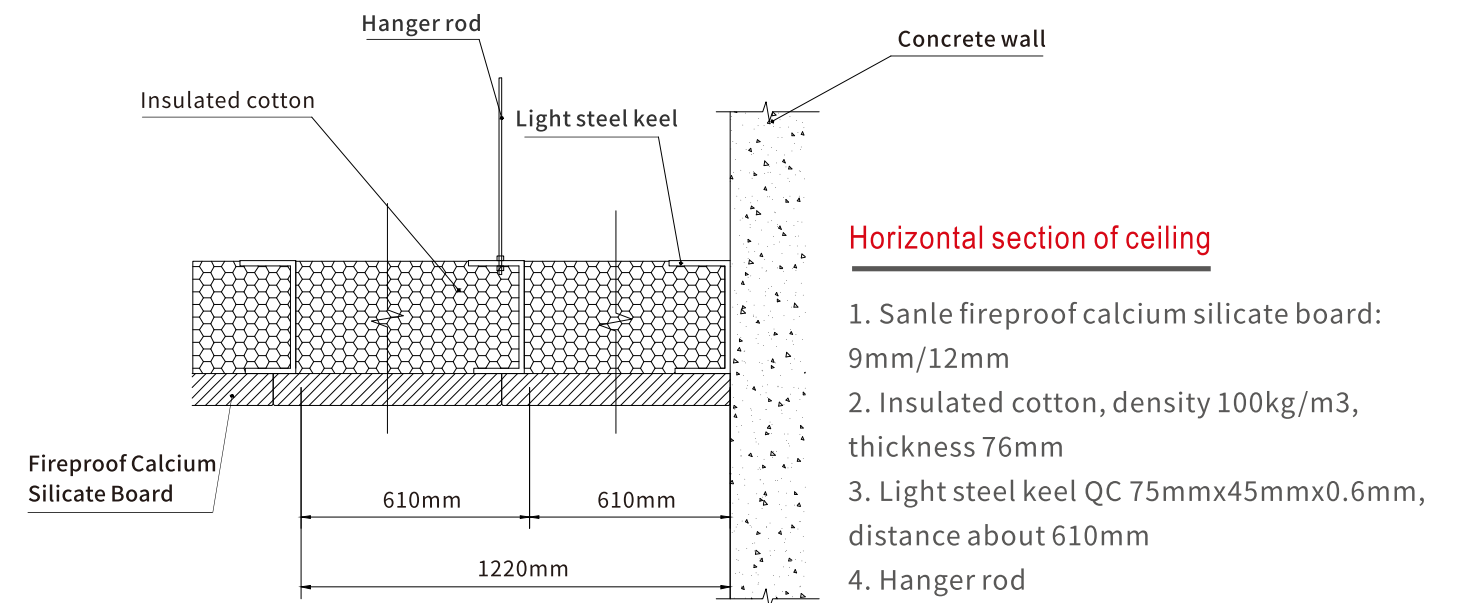
Thickness(mm)	Width(mm)	Length(mm)
8-24	1220	2440
Mark: Other sizes can be customized		

### Physical Properties:

Item(mm)		Unit	Result	
Density		g/cm <sup>3</sup>	0.85-1.1	
Thermal conductivity		w/(m·k)	≤0.20	
Water contain		%	≤10	
Moisture movement		%	≤0.25	
Fire resistance classification		EN 13501-1:2018 Class A1		
Beding strength	Oven dry	Cross	Mpa	≥8.5
		Parallel	Mpa	≥5.5

### Dimensional Deviation:

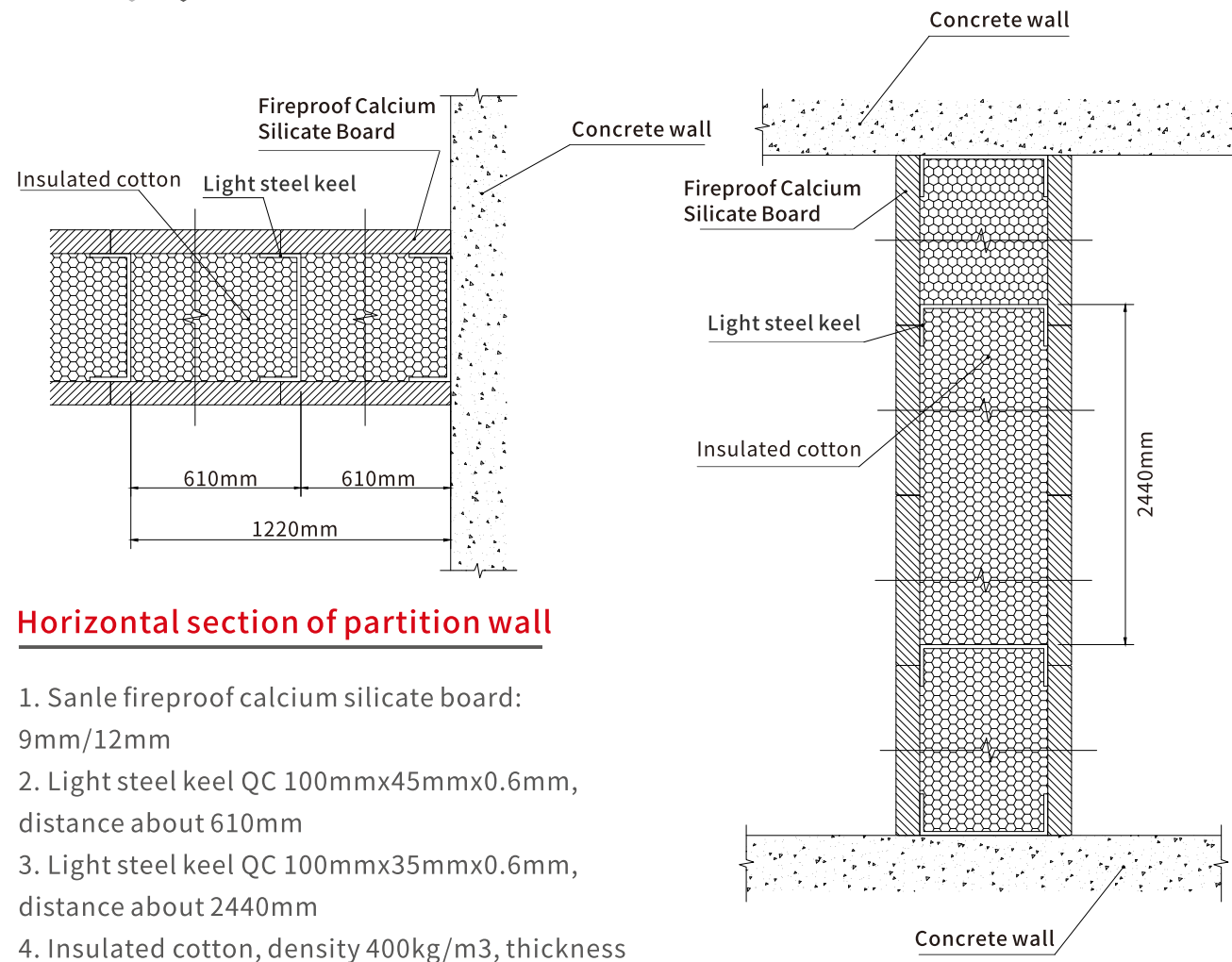
Item(mm)		Standard(mm)
Length	≤2400	±4
	>2400	±5
Width	≤1220	±3
	>2440	±4
Thickness	≤8	±0.3
	≥9	±0.5







## Fireproof Wall | fire resistance: 3 hours



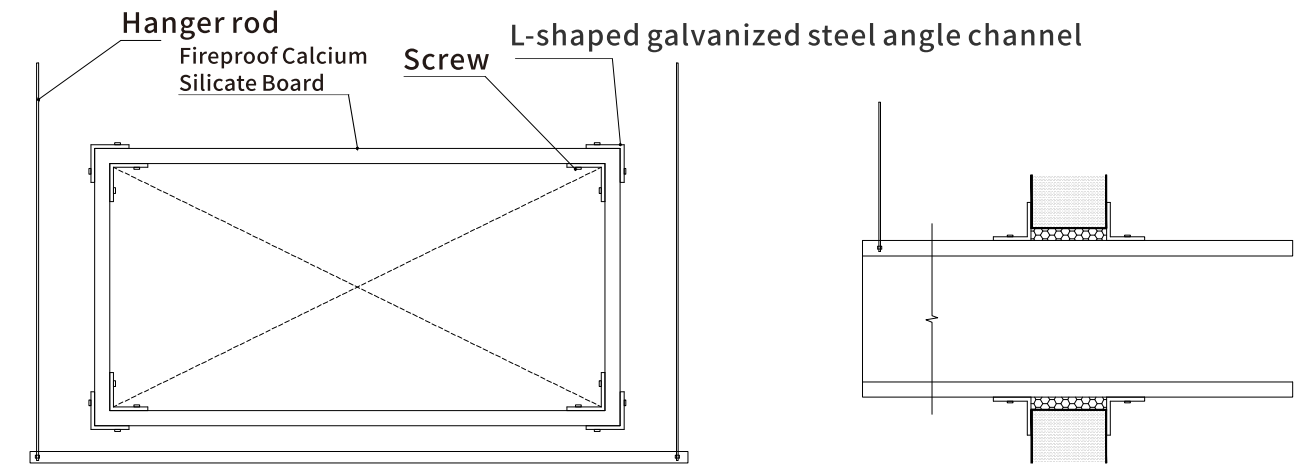
### Horizontal section of partition wall

1. Sanle fireproof calcium silicate board: 9mm/12mm
2. Light steel keel QC 100mmx45mmx0.6mm, distance about 610mm
3. Light steel keel QC 100mmx35mmx0.6mm, distance about 2440mm
4. Insulated cotton, density 400kg/m<sup>3</sup>, thickness 100mm
5. M4 self-tapping screw, distance about 200mm
6. M8 sleeve anchor, distance about 800mm

### Vertical section of partition wall



## Refractory Duct | fire resistance: 3 hours



### Horizontal section of refractory duct

Sanle fireproof calcium silicate board can ensure the normal operation of smoke control and exhaust system of refractory duct in fire and prevent fire from spreading from the air duct. The fire resistance is up to 3 hours. These ducts are suitable as the exhaust duct, pressure air supply smoke pipes, the kitchen smoke evacuation, or diesel generating sets of exhaust pipe.

1. Sanle fireproof calcium silicate board: 9mm/12mm
2. L-shaped galvanized steel angle channel: 50mmx50mmx2.0mm
3. M4 self-tapping screw, distance about 200mm
4. Adhesive sealant jointing
5. Hanger rod

