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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 GROUP



2021 PRODUCT
CATALOGUE

Sanle Calcium Silicate Board



28

28 years focus on construction industrialization

YEARS

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

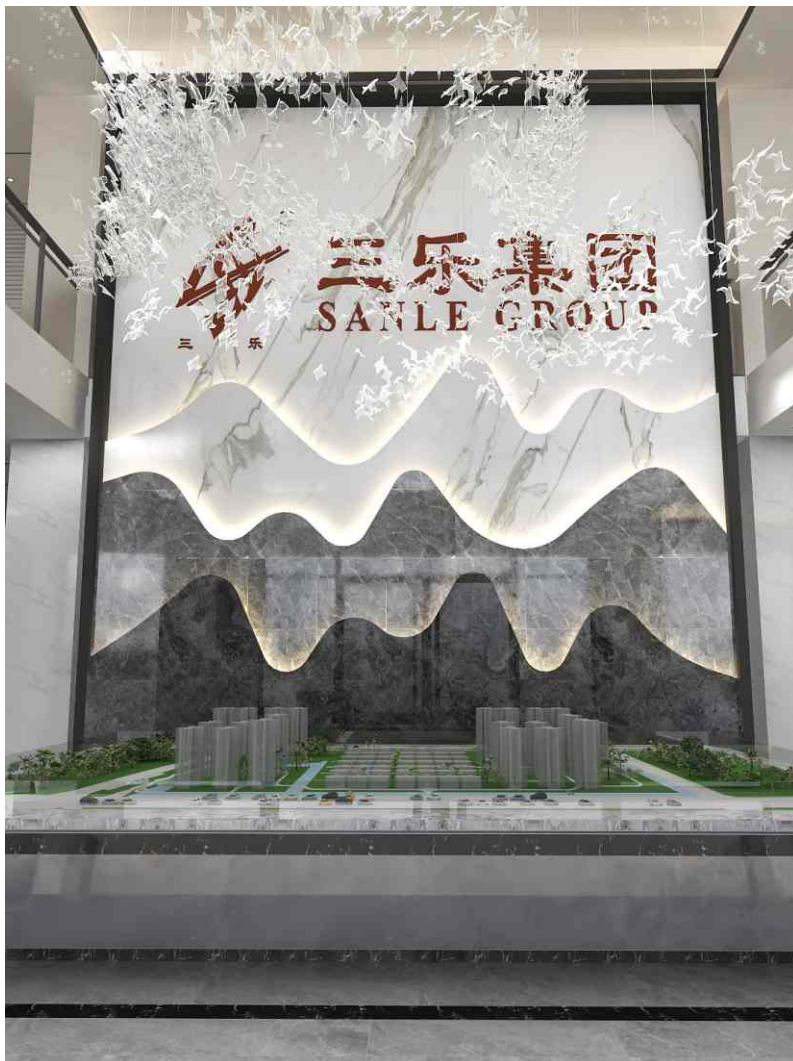
2016 Foshan Jujian Yifang Trading Co.,Ltd

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



Foshan production base



Zhaoqing production base



Yunnan production base



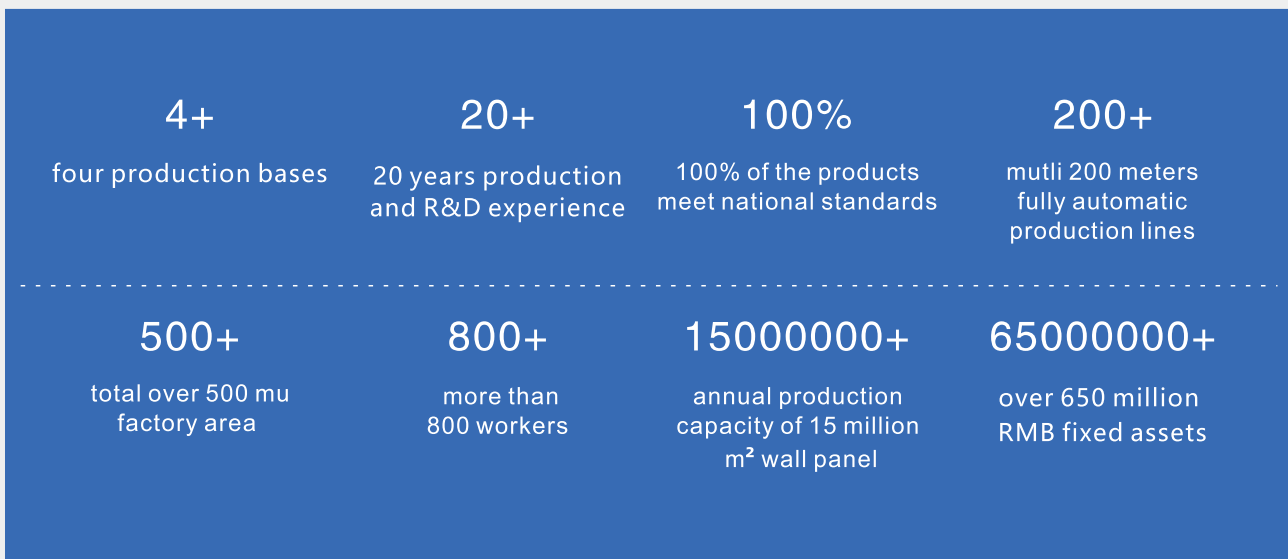
Hebei production base

About us

Sanle group is one of the Chinese largest building materials company group, enjoys the well-know SANLE brand at home and abroad. Our group was established in 1992, owns a stable assembly design R&D team and a national recognized Architectural design institute, committed to R&D and solving the application of the overall solution of prefabricated system for years. Nowadays, Sanle group obtains a number of patented products and technologies, has become a comprehensive group integrating technology development, interior decoration system integration, industrial production, channel sales and international trade. Our main products range includes fiber cement board, calcium silicate board, internal or external decorative fiber cement panel , fabricated honeycomb wall and light steel keel structure module. Sanle group also offers various prefabricated system, such as prefabricated ceiling system, prefabricated floor system, prefabricated partition wall system, fabricated honeycomb system and integral toilet system.

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. Sanle group is a national high-tech enterprise, an excellent project construction enterprise, also the base of production, education of research for assembly technology professional committee of Guangdong engineering survey and Design Industry Association.

The application of Sanle prefabricated building system is changing the traditional way of construction, leading the green development and circular economy, which provides a comfortable, healthy, safe and environmentally friendly living environment for human beings.





Enterprise honor



2017

Obtained the certificate of safety production standardization of level 3 enterprise



2018

Won the title of high-tech enterprise

Awarded as the outstanding enterprise of project construction in 2017

Obtained an invention patent certificate of environmental protection plate device

Awarded as the executive vice president unit of Guangdong Prefabricated Building Branch

The high density green environmental protection A-class fire board products have been identified as high-tech products in Guangdong Province

The lightweight and high strength non-asbestos fiber cement board products were recognized as high-tech products in Guangdong Province



2019

Rated as the member of the first council of China Insulation and Energy-saving Materials Association "Integrated Panel Branch"

won the title of Prefabricated Building Brand Enterprise at the 2019 CIPCI China Internet + Prefabricated Building Entrepreneurship and Innovation Conference

Rated as Guangdong Province Engineering Survey and Design Industry Association Assembly Technology Professional Committee production, education and research base Obtained a fire insulation calcium silicate board to obtain utility model patent certificate

Obtained a moisture-proof calcium silicate board utility model patent certificate

Obtained a sound insulation calcium silicate board utility model patent certificate

Obtained a multi-layer composite calcium silicate board utility model patent certificate

Won the second session of China Association of Concrete and Cement Products Calcium Silicate Cement Board Branch Council vice president unit certificate



2020

Obtained the quality management system certification

Obtained the environmental management system certification

Obtained the occupation management system certification certificate

Won the first prize for the key technology innovation practice and standard establishment of prefabricated steel-concrete composite structure

Won the second prize for the research of the new lightweight aluminum honeycomb core wall

Won the second prize for the research of the new lightweight aluminum honeycomb core conforming wall

Obtained the plug-in (honeycomb calcium silicate panel wall) design patent certificate

Obtained the design patent certificate of dry-hanging fastening card (wall body calcium silicate decorative panel)

Obtained the design patent certificate of Coupler (aluminum honeycomb composite wall) Obtained the design patent certificate of closure piece (aluminum honeycomb composite wall)

Obtained the design patent certificate of vertical main keel (honeycomb calcium silicate panel wall)

Obtained the design patent certificate of main keel connector (aluminum honeycomb composite wall)

Calcium silicate board



Calcium silicate board is a new type of green environmental protection board with excellent performance for building and industry. It is an ideal decorative slab for ceiling and partition with excellent fireproof, moisture-proof, soundproof, Insect-resistant ant and durable features.

Its main raw materials are high-purity quartz powder, high-grade cement, high-purity slaked lime, plant fiber and other minerals. According to a certain proportion of raw materials, the board is made through hatschek or flow slurry production technology , molding and autoclaved curing processes.

Sanle calcium silicate board meets the national standard. There are low, middle and high three kinds densities. Each process is strictly controlled to ensure that we can provide our customers with high quality products.

Specification:

Thickness(mm)	Width(mm)	Length(mm)
4-30	1220	2440、3000
REMARK: We can also supply other specification as the clien's specially requirement.		

Tolerance dimension:

Item(mm)		Requirement(mm)
Length	<1220	±3
	1220- 2440	±4
	>2440	±5
Width	≤1220	±3
	>1220	±4
Thickness	≤8	±0.3
	8-12	±0.5
	≥12	±0.8

Physical properties:

Item(mm)		Unit	Requirement	
Density		g/cm ³	1.2-1.6	
Thermal conductivity		w/(m•k)	≤0.29	
Water absorption		%	≤40	
Water contain		%	≤10	
Moisture movement		%	≤0.25	
Non-combustibility		GB8624 class A		
Beding strength	Oven dry	Cross	Mpa	≥12
		Parallel	Mpa	≥9

Product features



Fire insulation

Class A fire classification, low conductivity



Waterproof 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

Light weight material, high bending strength, can effectively increase the space of the house



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

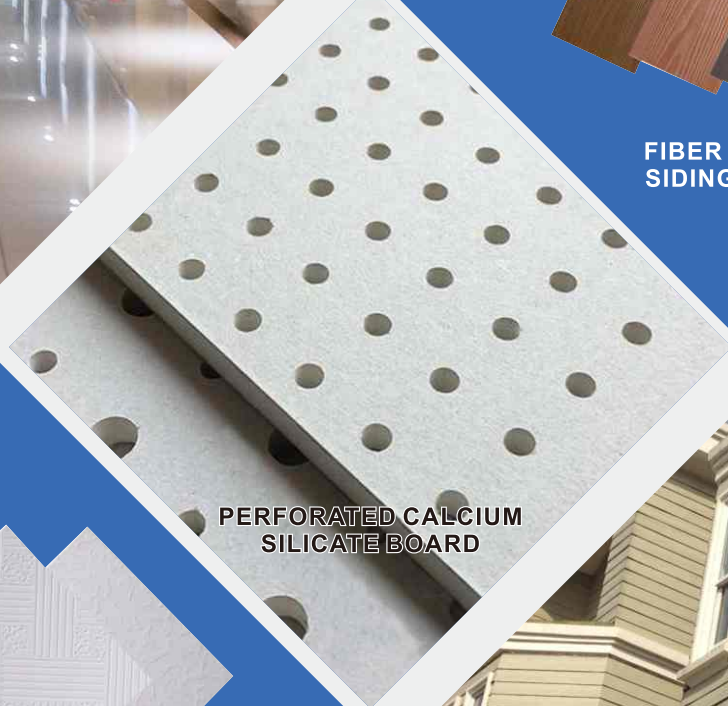
Sanle calcium silicate board can be used for all kinds of ceiling,partition, EPS board surface panel and composite wall board bottom panel and etc.It is widely used in offices, hotels, hospitals, factory buildings, schools, villas, theaters and various art buildings.



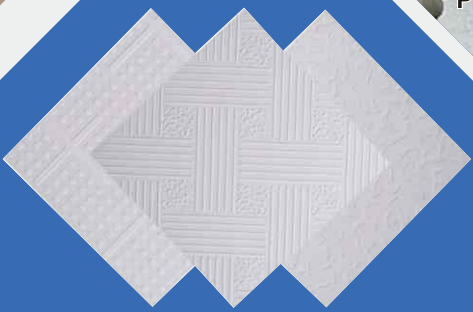
Related Products



FIBER CEMENT SIDING BOARD

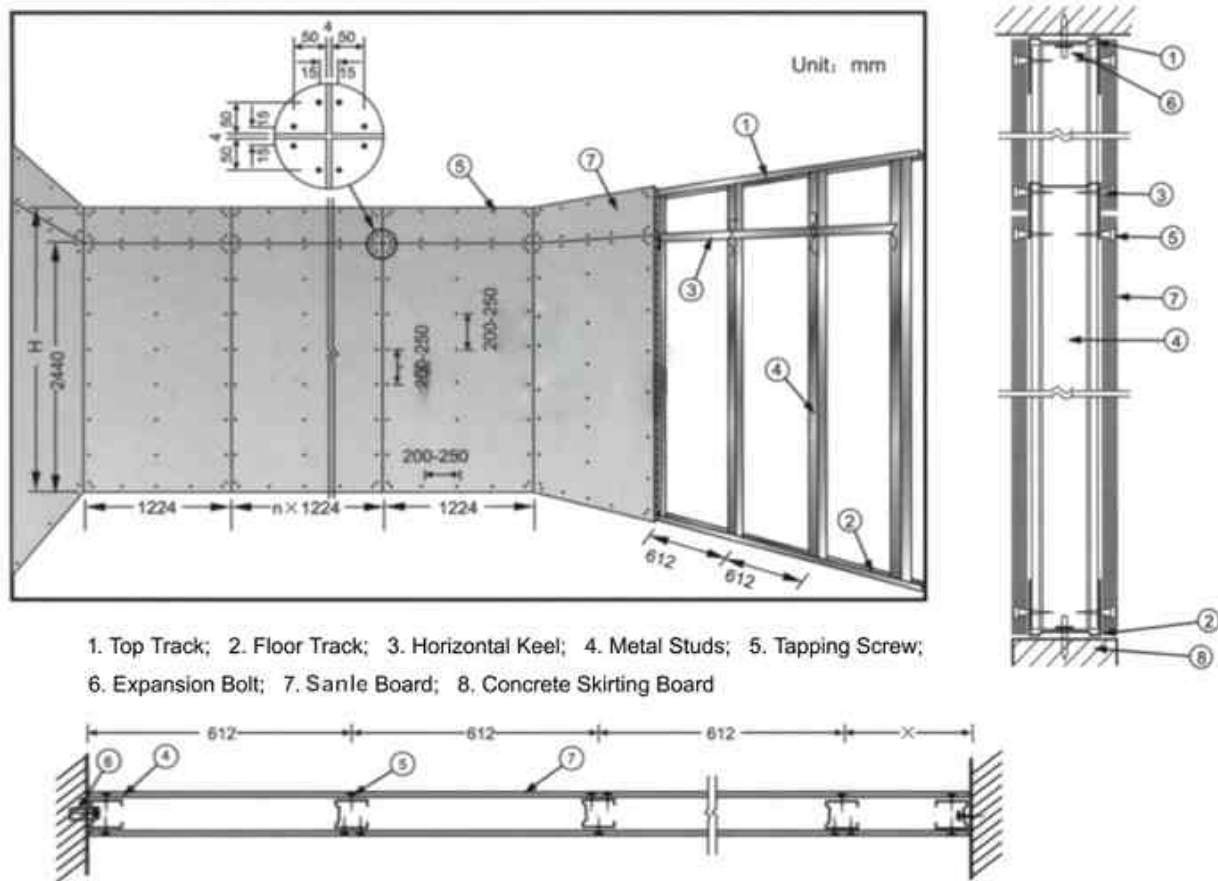


PERFORATED CALCIUM SILICATE BOARD



CALCIUM SILICATE CEILING TILES

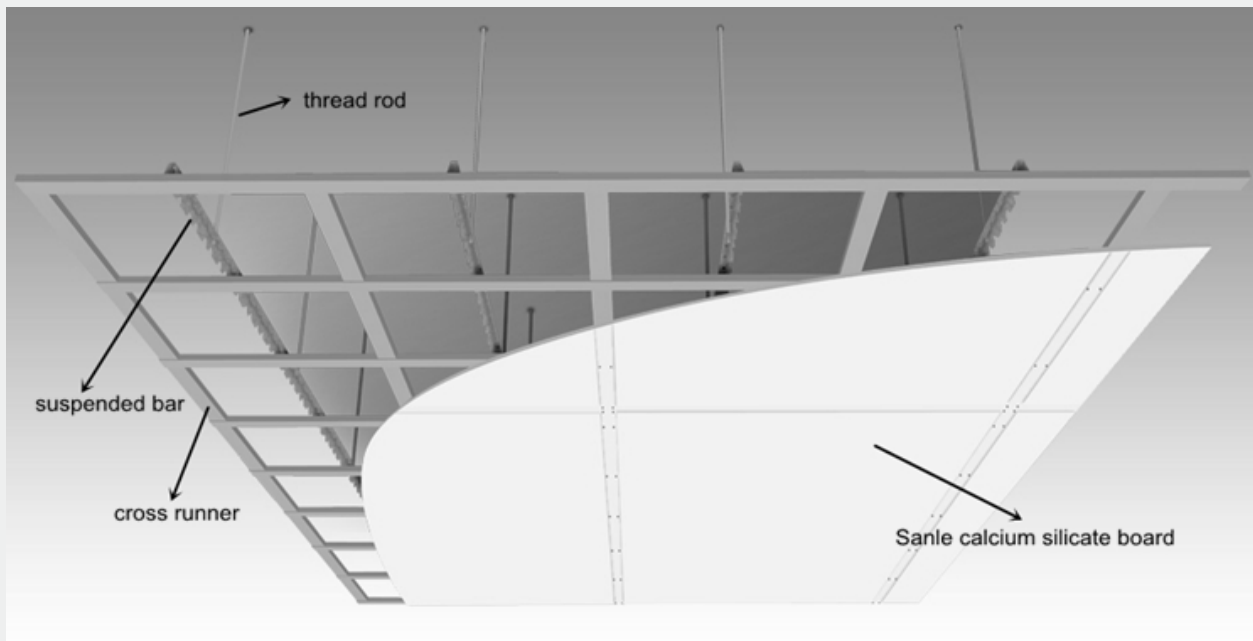
Partition Wall Installation



1. The top and bottom keels are fixed respectively top floor and on floor with expansion bolts.
2. The vertical keel should be aligned well according to the requirement (generally being 612 mm) with laterally supporting keel installed.
3. Cutting the board material to the dimensions needed (about 10mm lower than wall height)
4. Board material is fixed on keel in anchoring seam way with tapping screw: the interval of tapping screw is generally about 200~250mm with screws sinking 0.5mm under the board face.
5. The expansion seam of about 4mm between boards should be kept.
6. The shrouding should be fixed from the middle to the four sides and cannot be operated at multipoint simultaneously to avoid generating inner stress to make board material bucking.
7. Before board being packaged and fixed, depending the needs, glass cotton or rock cotton can be filled.

Ceiling Installation

1. Carry out ceiling line-measuring to determine the ceiling's fixed position, the boom's central range is generally 1200.
2. Connect and fix the boom and main keel with hanging piece to make the main keel keep level position.
3. Vertically fix the sub-keel to the main keel with hanging piece; the sub-keel axis' central range is 612mm.
4. Install the laterally supporting keel properly, its central ranges is 1224mm.
5. Fix the board on sub-keels with tapping screws, and to well the seam-connecting treatment.



Sales coverage regions

