

Steel Structure Modular Wall Ceiling Panels Cleanroom Projects Flexible Design Cleanrooms

Our Product Introduction

Basic Information

- Place of Origin: HEBEI, CHINA
- Brand Name: BAODU
- Certification: CE
- Model Number: Four Sides Frame Rockwool Cleanroom Sandwich Wall Panel
- Minimum Order Quantity: 500square meters
- Price: \$10-18square meter
- Packaging Details: For sandwich panel and color steel sheet, we use the plastic packing . If the clients need special packing will according to their requirements.
- Delivery Time: 15days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 5000 Square Meter/Square Meters per Day



Product Specification

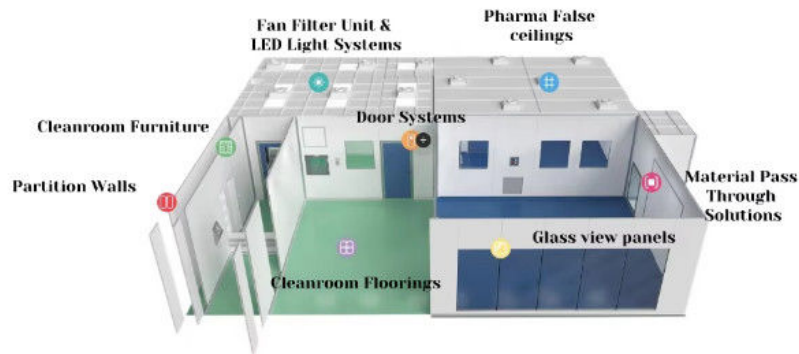
- Product Name: Steel Structure Modular Wall Ceiling Panels Cleanroom Projects Flexible Design Cleanrooms
- Keyword: Modular Cleanroom
- Applications : Pharmaceutical Cleanroom, Electronic Cleanroom, Food Cleanroom, Etc.
- Lead Time: 15day
- Certificate: CE ISO
- Colors: Light Gray
- Cleanliness: Class 100-100000
- Fireproof Rating: A1
- Feature: Fire Proofing, Thermal Insulated, Big Bearing Capacity
- Size: Customized
- Highlight: Cleanroom Modular Wall Ceiling Panels, Flexible Design Modular Wall Ceiling Panels, Steel Structure Modular Wall Ceiling Panels



Product Description

Steel Structure Modular Wall Ceiling Panels Cleanroom Projects Flexible Design Cleanrooms

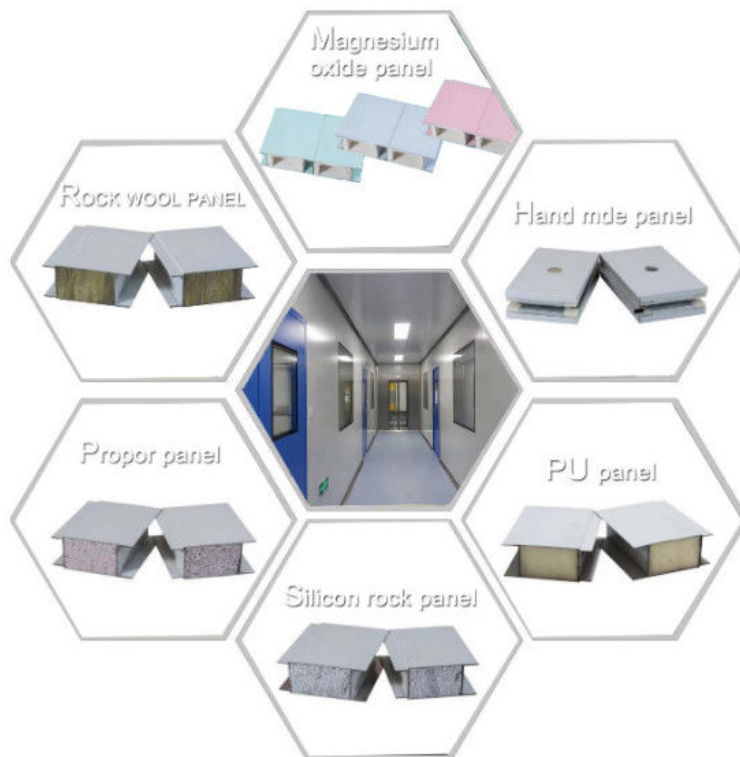
Product Overview-----



Clean room is a highly purified space used for production, manufacturing, and experimentation in a dust-free, sterile, and particle-free environment. The main purpose of a clean room is to ensure the quality and safety of products, especially in the fields of medical, pharmaceutical, electronics, semiconductor, etc. Cleanrooms are widely used.

We offer cleanrooms compliant with levels FS209E 100 - 100,000 and ISO 14644 levels 5 - 8. Our services range from consultation, design, manufacture, installation, and any combination thereof. We also offer cleanroom equipment and accessories, making us your one stop shop to execute cleanly. See below for additional cleanroom-related information, as well as a gallery of our past projects.

Wall systems-----



The cleanroom walls manufactured by baodu are made using innovative materials conceived for use in controlled contamination environments.

The "sandwich" panel can be realised with various components both for the external panelling and the internal insulation, which vary according to specific project requirements.

Range from false ceilings with a visible 50mm aluminium frame, with panels surface-mounted or flush-fitted to aluminium profiles, to high-load false ceilings (walkable) with a concealed structure. The modules are suitable for housing filters, grilles and lighting fixtures for each size.

Advantages

- Panel come with steel frame four sides to avoid contamination.
- Resistant to chemical, attack abrasion and scratches Clean Room Fabrication.
- High quality insulation core materials.

- Pre-embedded reinforcement for the opening of light fixture and air filters.
- Pre-embedded conduit for wiring.
- Advanced design makes all connection smooth, flush and cleanable
- Easy and fast installation system.
- Finishing Surface can be flush connection as required.

-Strong walkable ceiling/ false ceiling

Modular wall and ceiling sandwich panel for modular clean room turnkey for factory

(1) Types:

-Machine –made economical sandwich panel -Hand-made modular sandwich panel (2) Surface material : - Pre-painted galvanized steel (PPGI) -304 stainless steel HPL(Melamine high pressure laminate) (3) Core insulation material: - EPS(Expanded polystyrene) -PUF (Polyurethane foam) -Rock wool (mineral wool) -Paper or aluminum honeycomb - magnesium gypsum board

Sandwich panel core	Silicon rock	Rock wool	Magnesium oxide	EPS
Fire proofing grade	A	A	A	B
Application	Wall and Ceiling panel			
Size	1150mm width, height customized			
Thickness	12mm, 50mm, 75mm, 100mm			
Installation	1. Engineers onsite install 2. construct out to construction team 3. customer send technician to our company for free studying			

Wall accessories

Sealing

Well sealing, no dead corner.

Aluminum alloy cover all angle between

Wall and Wall

Wall and Ceiling

Wall and Floor



Glass View Panels-----



To further expand these viewing points and make our clean rooms even more “open” and bright, we have created glass panels, one or two meters in height, for uninterrupted continuous vision. The glass panels are always produced with 45 mm thick double glazing completely flush with the surface of the partition walls or doors.

Advantages Aluminum profile coving, corner, hanging and connecting system

-Flush type double glass window

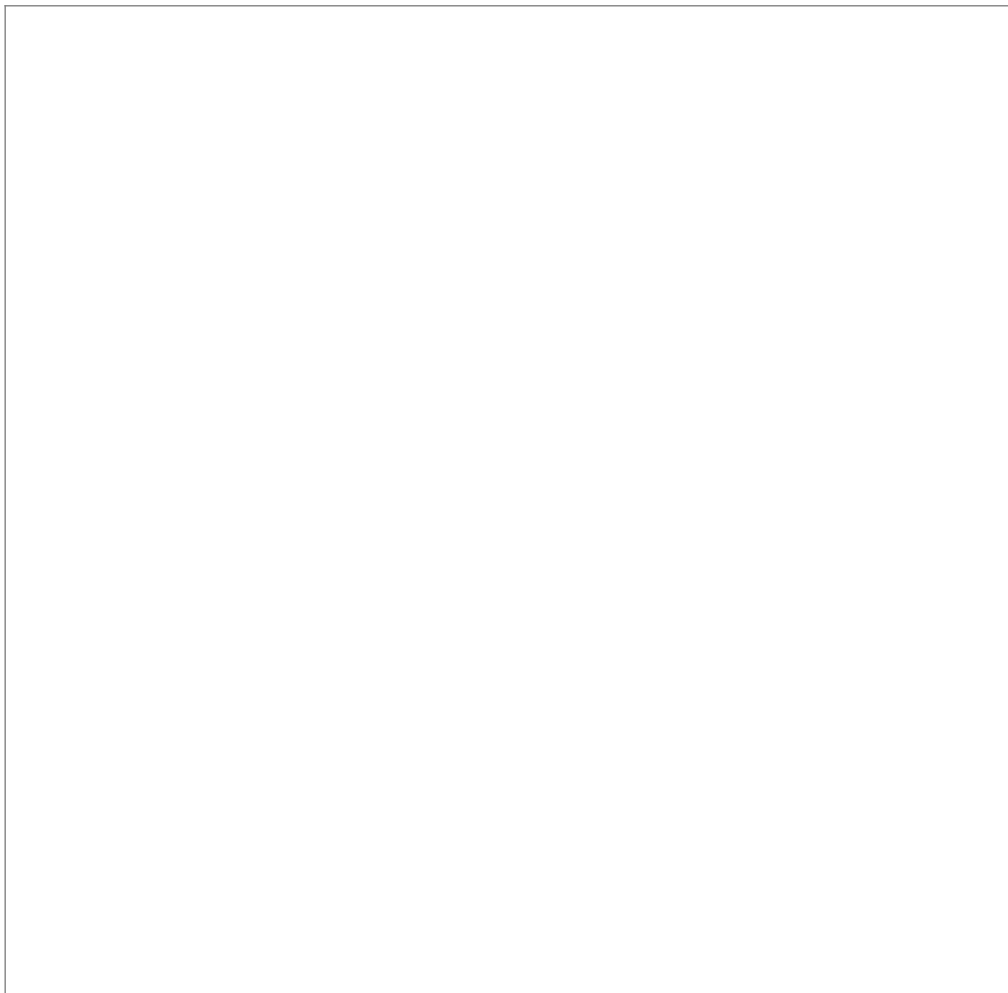
-Aluminum frame double glass window -Single glass window

Doors-----



The clean room doors are made of aluminium frame; the panel is made with the same sandwich as the partition walls, allowing total flush-fitting between the components and the wall itself.

The door installed on plasterboard or brick walls is prepared with rounded aluminium profiles, which make it possible to cover different thicknesses of from 80mm to 600mm.



Types	Swing doors	Sliding doors	Roll-up doors
External surfaces	galvanized steel , powder-coated steel, stoving varnish steel, aluminium alloy		
Core door panel	rock wool, polystyrene, aluminium honeycomb ,paper honeycomb		
Handles	open press knobs, fixed knobs with magnetic closure or anti-panic push-bar handles		
Observation window	Square Glass, Oval glass ,Square outside and round inside glass Single, double glass		
Opening method	Hand/foot/infrared sensor		
Optimal Configuration	Open or hidden door closers/interlocks/access guards/louvers/anti-collision belt		
Further accessories	floor seal air-stop, mechanical door contacts, electric locks, electromagnets, concealed hinges and closures integrated into the frame.		
Size	900*2100 1000*2100 1200*2100 1500*2100 or as required		
Color	RAL color as required		
Power voltage		AC220V 50-60Hz	

Floor-----



There are 2 options for cleanroom flooring depending on the application, one is epoxy flooring and the other is PVC flooring.

Cleanroom PVC flooring, it is possible to cover the aluminium wall connection profiles to obtain a perfectly flush-fitting and hygienic environment.

Cleaning is even easier thanks to the polyurethane surface treatment and the compact surfaces that no longer require surface waxing. Based on specific project needs, the brand and the type of material required are selected from a wide and highly specific product range.

Advantages

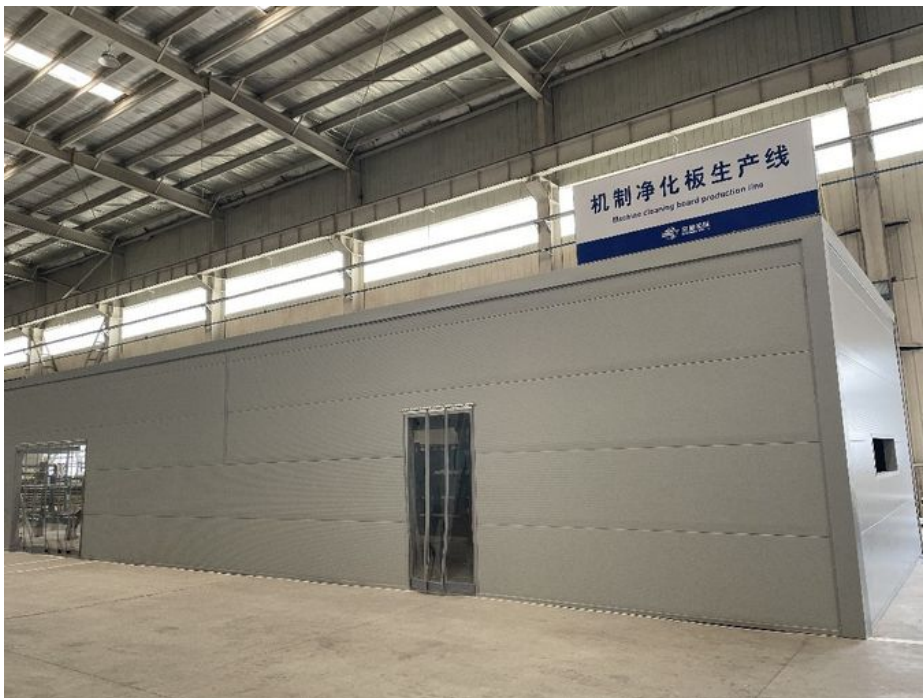
--Anti-Bacterial -Antistatic

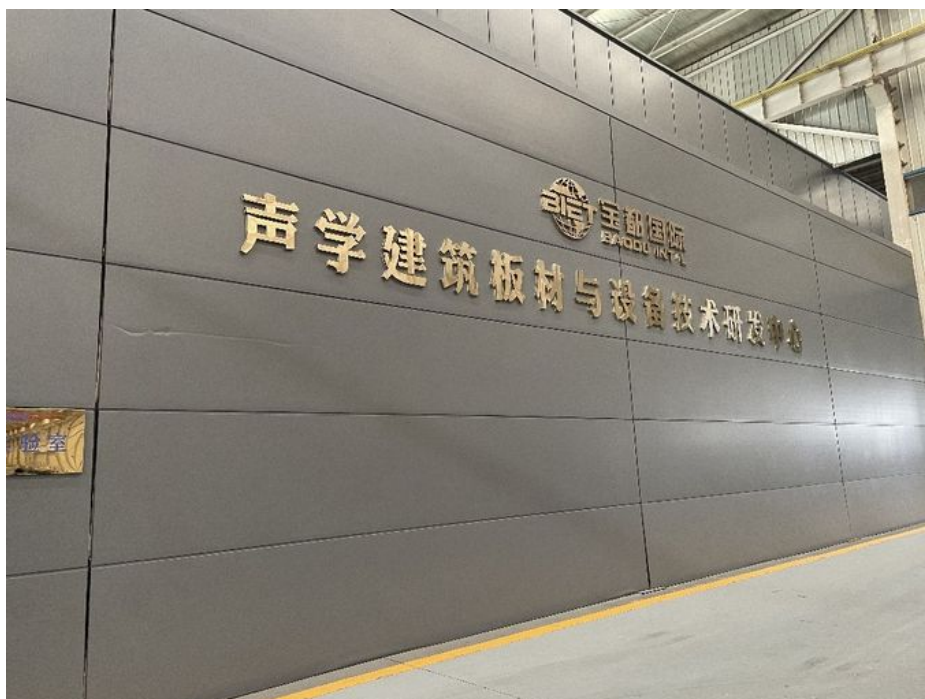
-Acoustic insulation -Resistant to most chemical agents diluted with acids, bases, oils and fuels -Smooth matte effect -Solvent-free

-Ultra-compact surface ideal for cleaning and hygiene

-PU surface finish (no wax – no polish)

Our company-----





Baodu International Advanced Construction Material Co.,Ltd was established in January 2010 with the office in Beijing and factory in Hebei, China.

Baodu is a designer, manufacturer, supplier and exporter of acoustic sandwich panel, insulated metal panel, profiled steel sheet, perforated metal sheet, steel structure and warehouse.

Baodu has the patented and customized double connection sandwich panel production line and imported steel plate bending machines from Swiss land and Germany.

Baodu has an annual output of 6 million square meters of acoustic sandwich panels, 100000 tons of steel structures and 1 million square meters of profiled steel sheet.

Baodu has a professional design team with more than 10 years' experience, including 5 senior engineers, 20 engineers, and 35 technicians. Baodu has over 70 intellectual property rights, More than 30 registered trademarks, CE certification and Russian GOST certification etc.

Baodu have successively served key projects in in Dubai, Mongolia, Philippine, Mexico, US , Australia, Iraq, etc. the key projects is as below : Mongolia MCS Group Gold Mine Project; Philippines Malivans 2x330MW Coal-fired Power Plant Project; China Eastern Airlines Maintenance Warehouse Project of Beijing Daxing Airport

; Iraq Basra Gas Turbine Combined Cycle Power Plant Expansion Project; Dubai Hasyan 4*600MW clean coal-fired power plant project. Welcome your coming to Baodu for a visit and cooperation!



Baodu International Advanced Construction Material Co., Ltd.



+86 13717927965



chunlei.song@baodu.com



baodupanel.com

Room 1101, Building 6, Yard 9, Hongye Road, Daxing District, Beijing