

High-end Plasterboard System Solution Provider

JASON Manual





Greetings from Mr. Zhang Yu, Chairman of JASON

Dear friends from all walks of life,

I am very glad to meet you! On behalf of all the employees of Jason Plasterboard Co., Ltd., I would like to express my heartfelt thanks and sincere greetings to all customers and friends who care about and support JASON. I am very grateful for your support and trust in our company.

Jason Plasterboard Co., Ltd. has always adhered to "all customer satisfaction oriented" and "brand-market-enterprise" as the corporate philosophy of JASON. We have constantly strengthened science-based management, improved the service system and made full use of the advantages of advanced machinery equipment and an excellent management team, continuously improving the product quality, service quality and work quality of Jason Plasterboard Co., Ltd.

Looking to the future, we will continue to follow the rigorous scientific attitude and modern management to provide customers with satisfactory and efficient services. Under the new market economy conditions, history has given us new opportunities and challenges, and also given us a broader space for development. We are facing a market competition pattern with rapid changes in science and technology and economic globalization. We are passionate and confident!

Every achievement of Jason Plasterboard Co., Ltd. would not be possible without the support and help of friends from all walks of life. On behalf of all the employees of the company, I would like to express my gratitude to friends from all walks of life, and sincerely invite new and old friends from all walks of life to work together to seek development and create a brilliant future!

Chairman of JASON: Zhang Yu

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Company Profile of JASON



JASON is a wholly foreign-owned enterprise specializing in the production and sales of environment-friendly lightweight walls, ceiling and other interior decoration building materials, and providing system solutions. JASON has entered the Chinese market based on the development strategy of brand, market, and leadership.

It adheres to the business philosophy of "quality, technology, service, and win-win outcomes", takes public welfare, environmental protection, and safety as its responsibilities, and is committed to contributing high-quality, energy-saving and environment-friendly green building materials to the Chinese building materials market.

Since Jason Plasterboard (Jiaxing) Co., Ltd. was put into operation in April 2008, JASON has invested US\$100 million in China and established three major production bases of plasterboard, light steel joist and powder in Jiaxing, Huizhou and Changchun. At present, the company's annual production capacity of plasterboard is nearly 120 million square meters. With the rapid development of China's construction market and plasterboard industry, JASON will continue to make additional investments, build new production bases, and continue to develop and launch new system products.

Environmental Protection, Public Welfare and Certifications



Passed ISO9001 Quality Management System Certification
Passed ISO14001 Environmental Management System Certification
Passed ISO45001 Occupational Health and Safety Management System Certification



Certificate of Attestation of Chinese
Environment Mark



European Union CE Security Certification



China National Patent



Certificate of China Green Building
Materials Product Certification



France ÉMISSIONS DANS L'AIR
INTÉRIEUR A+ Certification

Certifications



Certificate of Attestation of Chinese Environment Mark



Certificate of China Green Building Materials Product Certification



France ÉMISSIONS DANS L'AIR INTÉRIEUR A+ Certification



Certificate of Environmental Management System Certification



Certificate of Quality Management System Certification



Certificate of Occupational Health and Safety Management System Certification



III-type Environmental Declaration Certificate



Product Carbon Footprint Certificate



Utility Model Patent Certificate



JASON UBEST Type-examination Report



JASON UBEST Board Label for Burning Behavior Authorization Letter

Industry Standards



Paper-faced plasterboard

Requirements for plasterboard in national standard GB/T9775-2008:

1. Appearance quality: the plasterboard surface shall be flat, and there shall be no defects such as corrugations, grooves, material shortage, material leakage, scratches and damage stains that affect the use.
2. Diagonal length difference: the plate shall be cut into a rectangle, and the length of the two diagonals shall not be greater than 5 mm.
3. Dimensions of wedge edge section: for plates with wedge edge shape, the width of wedge edge shall be 30 mm-80 mm, and the depth of wedge edge shall be 0.6 mm-1.9 mm.
4. Hardness: The edge hardness and end hardness of the plate should not be less than 70N.
5. Impact resistance: after the impact, the back of the plate should be free of radial cracks.

6. The protective paper and the core material shall not be peeled off.

7. Water absorption (only applicable to waterproof paper-faced plasterboard as well as waterproof and fireproof paper-faced plasterboard): The water absorption rate of the board should not exceed 10%.

8. Surface water absorption (only applicable to waterproof paper-faced plasterboard as well as waterproof and fireproof paper-faced plasterboard): The surface water absorption of the board should not exceed 160g/m².

9. Fire resistance (only applicable to waterproof paper-faced plasterboard as well as waterproof and fireproof paper-faced plasterboard): The fire resistance time of the board shall not be less than 20 min.

10. Breaking load:

Plate thickness (mm)	Longitudinal (N)		Transverse (N)	
	Mean value	Min	Mean value	Min
9.5	400	360	160	140
12.0	520	460	200	180
15.0	650	580	250	220
18.0	770	700	300	270
21.0	900	810	350	320
25.0	1100	970	420	380

Light steel joist for building

Requirements for light steel joists for building in GB/T11981-2008:

1. Appearance: the joist shall be flat and clear, and the cut shall be free of burrs and deformation. The galvanized layer should have no defects such as peeling, protrusions, or peeling, no corrosion or damage pits that would affect the use, and no more than 3 black spots with an area of no more than 1cm² per length.

The coating shall be free of defects affecting the use such as bubbles, scratches, missed spots, uneven colors, etc. as bubbles, scratches, missed spots, uneven colors, etc.

2. Surface anti-rust: when the joist surface is galvanized for anti-rust, the double-sided galvanizing amount or the thickness of the double-sided galvanized layer shall meet the requirements shown in the following figure.

3. When used in high humidity, high salt environment or outdoors, the salt spray resistance test can be added according to the requirements of the demander and agreed by the supplier and the demander, and the joist surface shall be free of blistering and rust.

Project	Technical requirements
Double-sided galvanizing amount/(g/m ²)	≥100
Thickness of double-sided galvanized layer/μm	≥14
Note: The final determination of surface galvanizing for rust prevention shall be subject to the amount of double-sided galvanizing.	

Sound insulation specifications

The national standard of the People's Republic of China GB/T19889 Acoustics—Measurement of Sound Insulation in Buildings and of Building Elements is divided into 8 parts

- I. Requirements for laboratory test facilities with suppressed lateral sound transmission;
- II. Determination, verification and application of data precision;
- III. Laboratory measurements of airborne sound insulation of building components;
- IV. Field measurement of airborne sound insulation between rooms;
- V. Field measurement of airborne sound insulation of exterior wall elements and exterior walls;
- VI. Laboratory measurement of floor impact sound insulation;
- VII. On-site measurement of floor impact sound insulation;
- VIII. Laboratory measurements of impact sound improvement of heavy standard floor cladding.



Code for fire protection

The content regarding fire protection primarily focuses on the fire protection measures involving plasterboard and other associated products.

BS476: Part 4: 1970 Test for non-combustibility of materials

BS476: Part 6: 1989+A1: 2009 Fire propagation test methods for products

BS476: Part 22: 1987 Methods for determination of the fire resistance of non-loadbearing elements of construction

GB/T9778.1-2008 Fire-resistance tests—Elements of building construction—Part 1: General requirements

GB8624-2012 Classification for burning behavior of building materials and products

GB50222-2017 Code for fire prevention in design of interior decoration of buildings

Normative application documents:

GB/T19889.1-2005 Acoustics-Measurement of sound insulation in buildings and of building elements-Part 1

GB/T19889.2-2005 Acoustics-Measurement of sound insulation in buildings and of building elements-Part 2

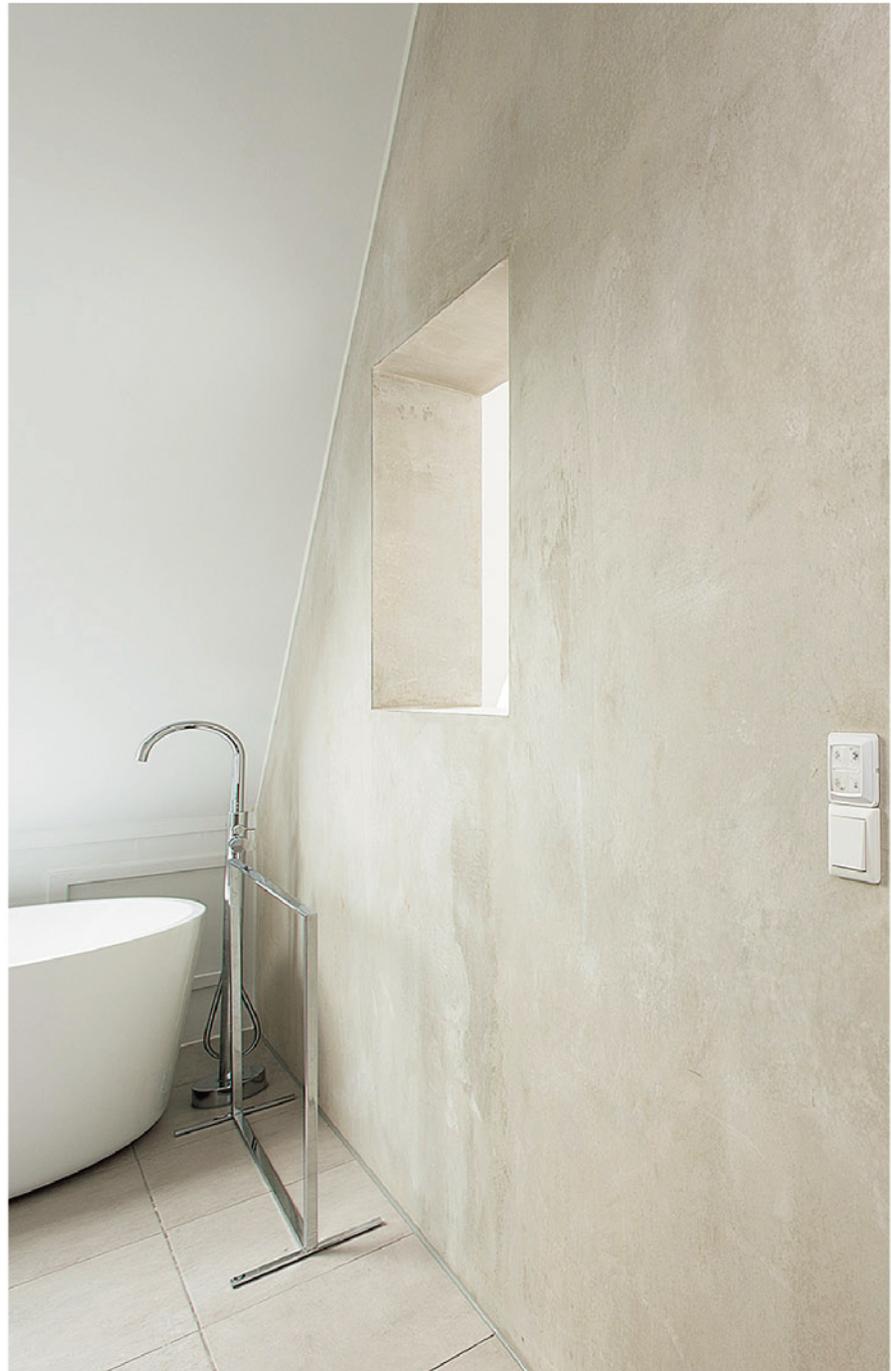
GB/T3241-2010 Electroacoustics - Octave-band and fractional-octave-band filters

GB/T3785-2010 Electroacoustics - Sound level meters

GB/T15173-2010 Electroacoustics - Sound calibrators

GB/T50121-2005 Rating standard of sound insulation in buildings

ISO 354 Acoustics-Measurement of sound absorption in a reverberation room



JASON's Professional Services



Brand and market

JASON has always adhered to the business development concept of "brand, market, enterprise" since entering the Chinese market, which signifies that all operations, marketing, and product positioning of Jason will prioritize meeting customer needs as the primary goal. The brand promotion revolves around customers and market demands. The idea that JASON emphasizes the importance of brand is reflected in the sequence of brand, market, and ultimately the survival of the enterprise. As a provider of high-end plasterboard system solutions, JASON builds its brand on top-quality and comprehensive system products, as well as professional market operations and services.

JASON has a professional marketing team, providing customers with strong marketing planning and assistance from brand promotion, strategic cooperation, marketing planning, market research, channel expansion, marketing promotion, sales terminal display and other aspects, and planning and expanding the market with our partners.

Customer service

Service is a guarantee for the sustainable development of an enterprise. Good service quality can better win the trust of customers and ensure the strong vitality of the enterprise. JASON always adheres to the customer-centric approach, from the technical research and development of products to the final sales, and we have a complete set of service system. The research and development of JASON products is based on the needs of customers.

If consumers need, JASON will produce unconventional system products; JASON guarantees timely delivery during the sales process, ensuring that the customer's project progress will not be delayed; Moreover, after the sales are completed, JASON's service is not over. JASON will assign special employees to track the progress of the customer's project, so as to actively understand the customer's feedback information and deal with it in time.

Technical services

JASON has set up an independent Sales Technical Service Department, in which all members are experts and technical consultants in the field of building materials at home and abroad. These members specialize in serving domestic and foreign customers and providing various technical services for customers. At the same time, JASON has also established a highly efficient and high-quality product development team, whose members are all R&D leaders in the field. JASON also has a group of excellent technical trainers, ready to provide customers with the technical training they need.

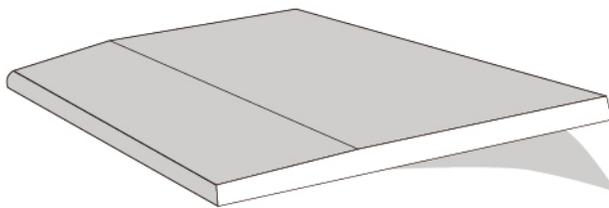




JASON' s Product Introduction



JASON Standard Paper-faced Plasterboard



Product introduction

JASON standard paper-faced plasterboard is a high-quality paper-faced plasterboard made of high-purity gypsum core, high-quality and high-strength environmental protection lining paper and additive. Its surface is ivory white tissue paper, which can be used with JASON joint compound and putty powder to form a perfect decorative effect. JASON standard paper-faced plasterboard fully complies with China's GB/T9775 standard.

Product features

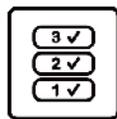
- JASON standard paper-faced plasterboard is made of environmental desulfurized gypsum as raw material, mixed with fiber and additive to form core material. The plasterboard has a certain moisture absorption function and is environment-friendly.
- JASON standard paper-faced plasterboard has a certain compressive and impact strength, and is suitable for public areas that are often in motion.
- Plasterboard has the properties of being nailable, planerable, sawable and stickable. This versatile material is commonly employed in interior decoration to achieve desirable aesthetic outcomes. Merely cutting the plasterboard with a paper cutter suffices for its installation, ensuring utmost convenience during construction. Utilizing it as a decorative element significantly enhances the overall construction effect.
- The use of plasterboard as wall material can save the floor area of the wall and increase the utilization rate of the building space. The plasterboard can also be used for internal partition wall, which is convenient for indoor pipes and lines laying and maintenance.
- The plasterboard has a high porosity and a well-distributed pore structure for high air permeability. When the indoor humidity is high, it can absorb moisture, and when the air is dry, it can release part of the moisture, thus playing a certain role in regulating the indoor humidity. It is precisely because plasterboard has this unique "breathability" that it can adjust the indoor humidity within a certain range, making the living conditions more comfortable.



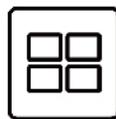
Health and environmental protection



High-strength



Convenient construction



Space saving

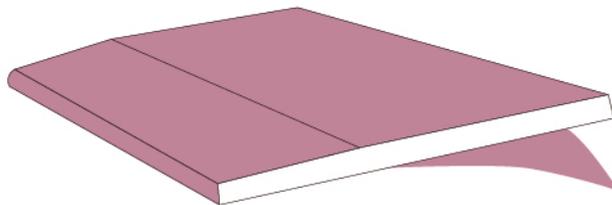


Comfortable living

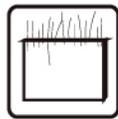
Specification (mm)	Width (mm)	Length (mm)	Packing specification
9.5	1200/1220	2400/2440/3000	100 sheets/rack
12	1200/1220	2400/2440/3000	80 sheets/shelf
15	1200/1220	2400/2440/3000	60 sheets/rack

JASON plasterboard can be customized according to customer needs.

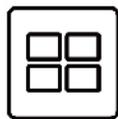
JASON Fireproof Paper-faced Plasterboard



Health and environmental protection



Glass fiber fireproof



Space saving



Comfortable living

Product introduction

JASON fireproof paper-faced plasterboard is a high-quality paper-faced plasterboard made of high-purity gypsum core and glass fiber additive distributed in a mesh. By using pink paper with special fireproof treatment as the protective paper, the fire resistance of the plasterboard is greatly improved, making it particularly suitable to be applied in applications such as partition walls, elevators, and stairwells with high fire resistance requirements. JASON fireproof paper-faced plasterboard fully complies with China's GB/T9775 standard, and the fire resistance is greater than 20 minutes.

Product features

- JASON fireproof paper-faced plasterboard is made of environmental desulfurized gypsum as raw material, mixed with fibers and additives to form core material. The plasterboard has a certain moisture absorption function and is environment-friendly.
- JASON fireproof paper-faced plasterboard is added with a large amount of glass fiber with a mesh distribution in its core, which can prolong the stability of the core when the material is exposed to fire.
- The use of plasterboard as a blocking material can save the floor area of the wall and increase the utilization rate of building space. The plasterboard can also be used for internal partition wall, which is convenient for indoor pipes and lines laying and maintenance.

Specification (mm)	Width (mm)	Length (mm)	Packing specification
9.5	1200/1220	2400/2440/3000	100 sheets/rack
12	1200/1220	2400/2440/3000	80 sheets/shelf
15	1200/1220	2400/2440/3000	60 sheets/rack

JASON plasterboard can be customized according to customer needs.

JASON Waterproof Paper-faced Plasterboard

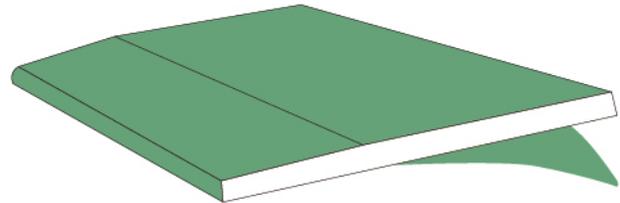


Product introduction

JASON waterproof paper-faced plasterboard is a high-quality paper-faced plasterboard made of high-purity gypsum core, high-quality and high-strength environmental protection lining paper as well as silicone oil additive. Adding green protective paper specially treated with organic waterproof material greatly improves and enhances the water resistance of plasterboard, and is used in indoor places with high humidity or temporary outdoor places. JASON waterproof paper-faced plasterboard fully complies with China's GB/T9775 standard, with a water absorption rate of <10% and surface water absorption of <160g/m².

Product features

- JASON waterproof paper-faced plasterboard is made of environmental desulfurized gypsum, mixed with fibers and additives to form core material. The plasterboard has a certain moisture absorption function and is environment-friendly.
- The JASON waterproof paper-faced plasterboard has been soaked in imported silicone oil, featuring a strong waterproof performance with the surface water absorption less than 160g/m².
- JASON waterproof paper-faced plasterboard, in the production process, is added with hydrophobic agent in its plasterboard core, so that its core water absorption rate is reduced to play a good role in core waterproofing.
- JASON waterproof paper-faced plasterboard can be directly pasted with tiles and wall tiles by tile adhesive on the surface during the final decoration process, without the need for other procedures.



Health and environmental protection



Surface water resistance



Core water resistance



Finishing treatment

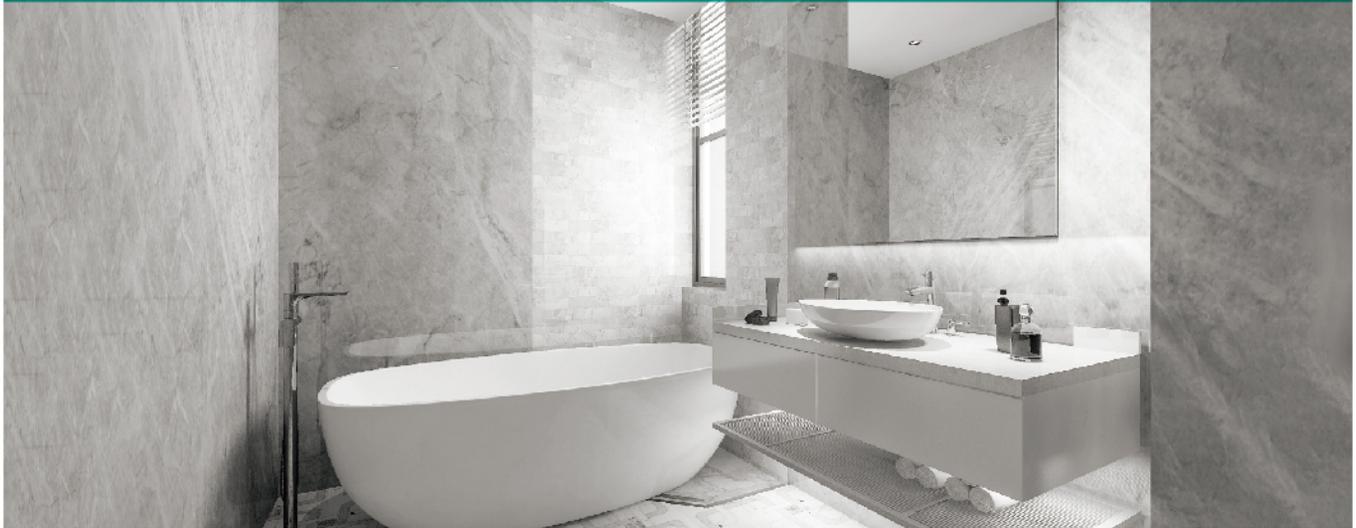


Comfortable living

Specification (mm)	Width (mm)	Length (mm)	Packing specification
9.5	1200/1220	2400/2440/3000	100 sheets/rack
12	1200/1220	2400/2440/3000	80 sheets/shelf
15	1200/1220	2400/2440/3000	60 sheets/rack

JASON plasterboard can be customized according to customer needs.

JASON Waterproof and Fireproof Board



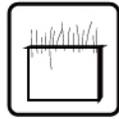
Fiberglass surface



Paper-faced



Health and environmental protection



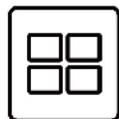
Glass fiber fireproof



Core water resistance



Surface water resistance



Space saving



Comfortable living

Product introduction

JASON waterproof and fireproof board is a high-quality plasterboard made of high-purity environmental desulfurized gypsum core, glass fiber and organic silicone oil additives. The board surface is made of waterproof glass fiber felt or green protective paper specially treated with organic waterproof material. It greatly improves the waterproof and fireproof performance of the plasterboard, and is especially suitable for places such as partition wall, elevators and stair passages with high requirements for waterproof and fireproof performance. JASON waterproof and fireproof board fully complies with China's GB/T9775 standard.

Product features

- JASON waterproof and fireproof plasterboard is made of environmental desulfurized gypsum as raw material, mixed with fibers and additives to form a core material, so that the plasterboard has stronger waterproof and fireproof functions and is environment-friendly.
- JASON waterproof and fireproof plasterboard is added with a large amount of fiberglass to its core. Its fire resistance is greater than 40 min (fiberglass surface), and combustion performance can reach A1 level (fiberglass surface); The core of the plate is added with a hydrophobic agent, and the water absorption rate is $\leq 10\%$.
- The of JASON waterproof and fireproof paper-faced plasterboard has been treated with imported silicone oil, making it has a strong water resistance with the surface water absorption volume $\leq 160\text{g}/\text{m}^2$.
- The use of plasterboard as wall material can save the floor area of the wall and increase the utilization rate of the building space. The plasterboard can also be used for internal partition wall, which is convenient for indoor pipes and lines laying and maintenance.

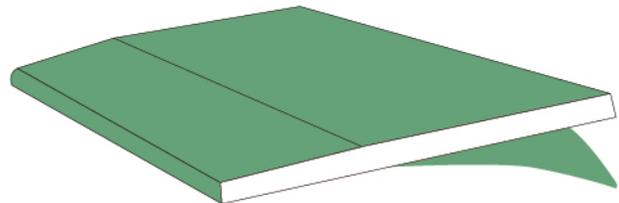
Surfaces	Specifications (mm)	Width (mm)	Length (mm)	Packing specification
Fiberglass surface	10/12	1200/1220	2400/2440/3000	90/80 sheets/rack
Paper-faced	9.5/12/15	1200/1220	2400/2440/3000	100/80/60 sheets/rack

JASON Moistureshield Paper-faced Plasterboard



Product introduction

JASON moistureshield paper-faced plasterboard is a high-quality paper-faced plasterboard made of high-purity gypsum core, high-quality and high-strength environmental protective paper and silicone oil additive. The green protective paper used in the product is specially treated with organic waterproof material, which greatly improves and enhances the moisture resistance of the plasterboard, and is suitable for high humidity indoor places or temporary outdoor places. Its surface water absorption is $\leq 220\text{g/m}^2$ and its board water absorption rate is $\leq 25\%$.



Product features

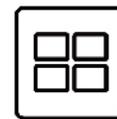
- JASON moistureshield paper-faced plasterboard is made of environmental desulfurized gypsum as raw material, mixed with fiber and additive to form core material, so that the plasterboard has a certain moisture absorption function and is environment-friendly.
- JASON moistureshield paper-faced plasterboard is added with silicone oil additive to the gypsum core in the production process, which reduces the water absorption rate of the core and provides excellent water resistance for the core.
- The JASON moistureshield paper-faced plasterboard has been specially treated with organic waterproof materials, and its surface water absorption is $\leq 220\text{g/m}^2$.
- The use of plasterboard as wall material can save the floor area of the wall and increase the utilization rate of the building space. The plasterboard can also be used for internal partition wall, which is convenient for indoor pipes and lines laying and maintenance.



Health and environmental protection



Surface water resistance



Space saving

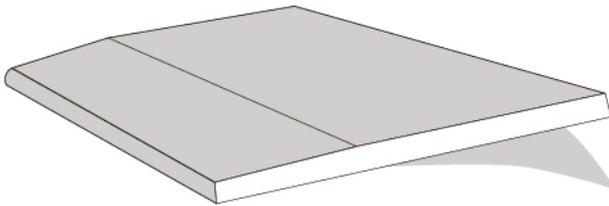


Comfortable living

Specifications (mm)	Width (mm)	Length (mm)	Packing specification
9.5	1200/1220	2400/2440/3000	100 sheets/rack
12	1200/1220	2400/2440/3000	80 sheets/shelf

JASON plasterboard can be customized according to customer needs.

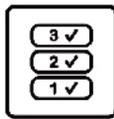
JASON Decorative Plasterboard



Health and environmental protection



Anti-cracking and anti-sinking



Convenient construction



Comfortable living

Product introduction

JASON decorative plasterboard is a high-quality paper-faced plasterboard made of environmental desulfurized gypsum, high-strength protective paper and high-performance additive, which is conducive to health and environmental protection and is anti-cracking and anti-sinking. Its surface is ivory-colored paper, which can provide a perfect ceiling and partition wall system with JASON light steel joist and auxiliary products.

Product features

- JASON decorative plasterboard is made of environmental desulfurized gypsum as raw material, mixed with fibers and additives to form core material, and free of formaldehyde and other harmful substances. So it is environment-friendly.
- JASON decorative plasterboard has high strength, light weight and better use experience.
- JASON decorative plasterboard is anti-cracking and anti-sinking, with strong nail holding force and good flatness.
- JASON decorative plasterboard can be easily constructed and cut, and can form a perfect light steel joist plasterboard system with JASON light steel joist.

Specifications (mm)	Width (mm)	Length (mm)	Packing specification
9.5	1200/1220	2400/2440/3000	100 sheets/rack
12	1200/1220	2400/2440/3000	80 sheets/shelf

JASON plasterboard can be customized according to customer needs.

JASON High-performance Gypsum-based Fiberboard



Product introduction

High-performance gypsum-based fiberboard is a modified product developed by JASON for the performance defects of common substrate products on the market. The product has a series of excellent properties such as better combustion performance, higher self-strength and ultra-high nail holding force, and is an ideal upgrade product for wood plywood and paper-faced plasterboard.

Product features

- High-performance gypsum-based fiberboard (fiberglass surface) is the Class A1 non-combustible building material, which is suitable for various buildings with high fire protection requirements.
- High-performance gypsum-based fiberboard (fiberglass surface) complies with the ENF level environmental protection standards, and the formaldehyde emission is ≤ 0.025 mg/m³, so the product is green and healthy.
- High-performance gypsum-based fiberboard has the high-strength nail holding force, and can be directly constructed with gun nails and screws.
- The high-performance gypsum-based fiberboard can be customized with the glass fiber felt surface or the printed wood grain paper surface.

Scope of application

It can be applied to partition walls, ceilings, veneer walls, curtain boxes, light troughs, suspended heavy objects and other places in various high-end home decoration and tooling.



Fiberglass surface



Wood-grained paper surface



Class A1 non-combustible (fiberglass surface)



High-strength



Construction with pneumatic nail gun



Strong nail holding force

Surfaces	Specifications (mm)	Width (mm)	Length (mm)	Combustion performance and class	Packing specification
Fiberglass surface	10/12/16	1200	2400/3000	Class A1 non-combustible	72/60/46 sheets/shelf
		1220	2440	Class A1 non-combustible	
Wood-grained paper surface	10/12	1200	2400/3000	Class A2 non-combustible	72/60 sheets/shelf
		1220	2440	Class A2 non-combustible	

JASON JIXIANG Decorative Board



Product introduction

JASON JIXIANG decorative board is the dense plasterboard core material with special formula, which is innovative on the basis of traditional plasterboard, with the higher impact resistance and rigidity. It is characterized by the high strength, quick installation, fire-resistance, moisture resistance, sound insulation, fine decoration, etc.; It is suitable for the partition of large-area office areas or the partition between shops in shopping malls with short construction period before opening, and the decorative effect is excellent.

R&D Background

In view of the fact that traditional wooden or stone building materials cannot meet the high requirements of modern buildings in terms of fire resistance, sound insulation, environmental protection, and mildew resistance, JASON JIXIANG decorative board not only maintains the modern surface texture, but also has excellent performances, such as high-strength, quick installation, fireproof, moisture-proof, and surface finishing.

Product features

- Ultra-long and large size, factory customized
- Various modern fine textured surfaces
- Double-sided bread covering, no bead design
- Fire safety, moisture resistance, sound absorption performance
- Easy installation and labor saving

Scope of application

It is suitable for the finely decorated houses, offices, hospitals, schools, cultural and sports centers and other public areas.



Monochrome series



Cloth series



Marble series

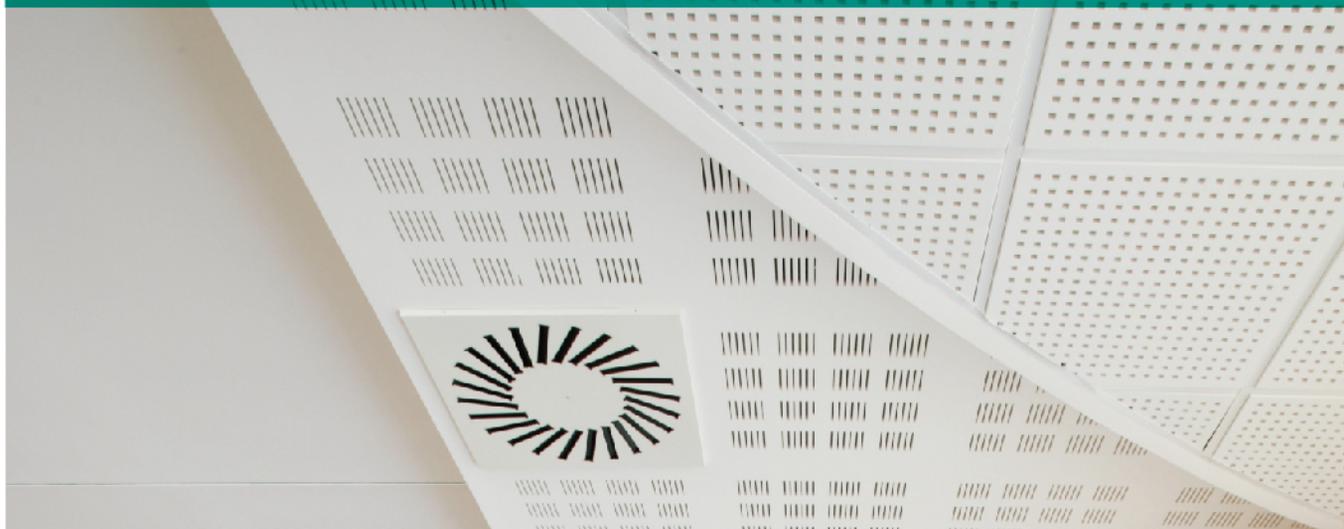


Wood grain series

JASON JIXIANG decorative board can be customized according to customer requirements.

Specifications (mm)	Width (mm)	Length (mm)
10.5/13.5	1200	2400

JASON Quiet Acoustic Panel



Product introduction

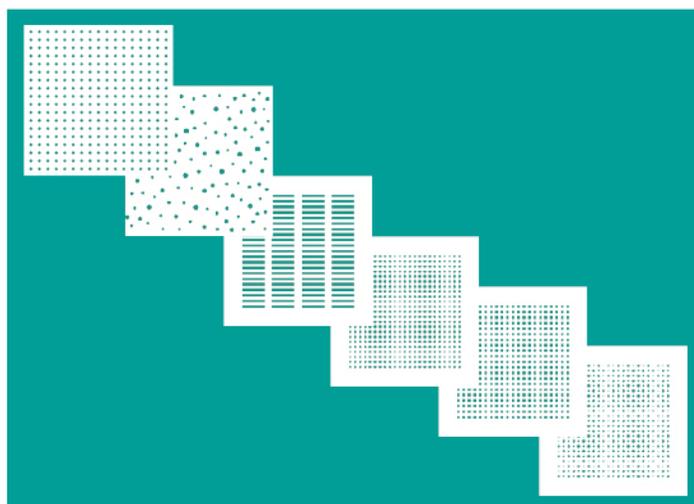
JASON quiet acoustic panel is the high-grade gypsum-based soundproof panel, which is made of JASON high-strength paper-faced plasterboard with different design patterns and perforated with high precision. These different shapes of holes distributed on the surface of JASON quiet acoustic panel not only increase the aesthetic effect on the basis of traditional plasterboard, but also provide the noise reduction and acoustic effects. The dense holes on the panel surface also strengthen the breathing function of the plasterboard, and also have good efficacy and energy-saving effect in terms of indoor temperature and humidity regulating.

Product characteristics

- Jason quiet acoustic panel is installed on the joist as the regular paper-faced plasterboard.
- In order to maintain the integrity of the pattern, the overall layout should be made before installation, considering the location of lights, access openings, air conditioning openings, etc.
- In order to make the pattern symmetrical, complete and beautiful, JASON quiet acoustic panel shall be installed from the middle to the surrounding directions.
- For the convenience of painting, it is recommended to use JASON 25 mm self-tapping screws to ensure that they will not protrude from the panel surface.
- The surface of the JASON quiet acoustic panel shall be coated with roller to prevent the coating from penetrating into the hole and sticking to the non-woven fabric on the back of the perforated plate, which will affect the soundproofing effect.

Applicable places:

With the excellent aesthetic and acoustic performance, JASON quiet acoustic panel is widely used in partition walls and ceiling systems of conference centers, theaters, cultural centers, automobile showrooms, hotel lobbies, office background walls and other public places, and it is also an ideal soundproofing and environmentally friendly material for home environment.



Product name	Specifications (mm)	Width (mm)	Length (mm)	Hole diameter	Spacing of holes	Perforation rate
Round hole perforation	12	1188	1998	Φ6mm	18	8.7%
Round hole perforation	12	1200/1220	2400/2440	Φ12mm	25	15.70%
Square hole perforation	12	1200/1220	2400/2440	10*10mm	20	13.00%
Perforation of large and small holes	12	1200/1220	2400/2440	Φ6/10mm	20	13.10%
Irregularly hole perforation	12	1200/1220	2400/2440	20/12/8mm		9.90%
Slotted hole perforation	12	1200/1220	2400/2440	6*80mm	16	21.00%

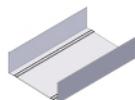
JASON Light Steel Joist

JASON vertical stud for wall



National standard code	Width (mm)	Thickness (mm)	Wing height (mm)	Length (mm)
QC50	50 (48.5)	0.6	45	3000/4000
QC75	75 (73.5)	0.6	45	3000/4000
QC100	100 (98.5)	0.7	45	3000/4000

JASON transverse wall joist



National standard code	Width (mm)	Thickness (mm)	Wing height (mm)	Length (mm)
QU50	50	0.6	35	3000/4000
QU75	75	0.6	35	3000/4000
QU100	100	0.7	35	3000/4000

JASON through joist



National standard code	Width (mm)	Thickness (mm)	Wing height (mm)	Length (mm)
DU38	38	1.0	12	3000/4000

JASON ceiling edge joist



National standard code	Width (mm)	Thickness (mm)	Wing height (mm)	Length (mm)
DL20	20	0.5	20/30	3000/4000
DL30	30	0.5	20/30	3000/4000

JASON ceiling side joist



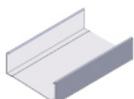
National standard code	Width (mm)	Thickness (mm)	Wing height (mm)	Length (mm)
DF20	50	0.5	20/30	3000/4000

JASON ceiling load-bearing joist



National standard code	Width (mm)	Thickness (mm)	Wing height (mm)	Length (mm)
DU38	38	1.0	12	3000/4000
DU50	50	1.2	15	3000/4000
DC60	60	1.2	27	3000/4000

JASON ceiling main tee



National standard code	Width (mm)	Thickness (mm)	Wing height (mm)	Length (mm)
DC50	50	0.5	19	3000/4000
DC60	60	0.6	27	3000/4000

JASON soundproof joist



National standard code	Width (mm)	Thickness (mm)	Wing height (mm)	Length (mm)
QW75	75 (73.5)	0.6	50	3000/4000

JASON metal corner bead



National standard code	Width (mm)	Thickness (mm)	Wing height (mm)	Length (mm)
V30	30	0.4		3000/4000

JASON CH-type vertical wall joist



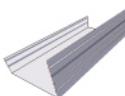
National standard code	Width (mm)	Thickness (mm)	Wing height (mm)	Length (mm)
CH150	150	1.0	35	3000/4000
CH100	100	1.0	35	3000/4000
CH75	75	0.8/1.0	35	3000/4000

JASON E-type wall edge joist



National standard code	Width (mm)	Thickness (mm)	Wing height (mm)	Length (mm)
E150	150	1.0	20/30	3000/4000
E100	100	0.8	20/30	3000/4000
E75	75	0.8	20/30	3000/4000

JASON J-type transverse wall joist



National standard code	Width (mm)	Thickness (mm)	Wing height (mm)	Length (mm)
J150	150	1.0	30/60	3000/4000
J100	100	0.8	30/60	3000/4000
J75	75	0.8	30/60	3000/4000

JASON Light Steel Joist Accessories

JASON hook



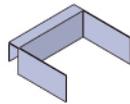
National standard code	Thickness (mm)
PD38	2
PD50	2
PD60	2.5

JASON hanger



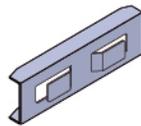
National standard code	Thickness (mm)
YG38-50	0.7
YG50-50	0.7
YG60-50	0.7
YG60-60	0.7

JASON bracket



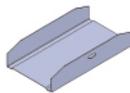
National standard code	Thickness (mm)
GC60	0.5
GC50	0.5

JASON main connector



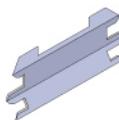
National standard code	Thickness (mm)
CL50	1.2
CL60	1.2

JASON auxiliary connector



National standard code	Thickness (mm)
FL50	0.5
FL60	0.5

JASON supporting piece



National standard code	Thickness (mm)
ZC50	0.7
ZC75	0.7
ZC100	0.7

Advantages of JASON light steel joist

- It is made of high-quality continuously hot-dip galvanized steel strip, which can effectively resist corrosion and rust.
- Comply with the requirements of national standard - Steel Furring for Building (GB/T 11981-2008).
- Unique design, user-friendly, easy installation and simple construction.
- Light weight, high rigidity, fireproof and deformation prevention.
- High production precision and bright appearance.

JASON Professional Auxiliary Materials and Accessories



JASON self-tapping screw



Specification	Scope of application
25*3.5 mm 500 pcs/box 18 boxes/carton	It is applicable to the connection and fixation of plasterboard and light steel joist in Jason partition wall, ceiling and facing wall systems.
25*3.5 mm 1,000 pcs/box 18 boxes/carton	
35*3.5 mm 500pcs/box 18 boxes/carton	

JASON base course leveling gypsum



Specification	Scope of application
20kg	It is applicable to the plastering and leveling of concrete, building block and cement wall surfaces

JASON lightweight leveling gypsum



Specification	Scope of application
20kg	It is applicable to the plastering and leveling of brick, concrete, building block and cement wall surfaces

JASON Professional Auxiliary Materials and Accessories

JASON odorless putty powder



Specification	Product features
20kg	Fine white, good workability, easy application, higher bonding strength, anti-hollowing and anti-cracking

JASON surface putty powder



Specification	Product features
20kg	Excellent adhesion, excellent bonding strength, and fine and smooth coating

JASON caulking gypsum powder



Specification	Scope of application
20kg	It is applicable to the plasterboard joint treatment and joint paper tape sticking, and plasterboard surface filling and full batch leveling.

JASON anti-cracking joint paper tape



Specification	Scope of application
75m/卷	It is applicable to the treatment of various internal and external angles of Jason partition wall and ceiling systems, and it can produce a solid, smooth and anti-cracking joint system, together with the JASON sealant, laying a good foundation for surface finishing.

JASON caulking gypsum powder



Selling points of product

- Environment-friendly
- Early strength and rapid hardening
- Highly effective crack resistance
- Strong adhesion

Construction steps

- Use the caulking knife to apply and smooth an about 10 cm thick joint compound layer on both sides of the joint as the base course.
- Immediately press the joint paper tape into the joint compound base course with a knife, scrape out the air bubbles, and cover with another layer of joint compound.
- After the joint compound is solidified and hardened or thoroughly dried, apply one or two layers of joint compound, 50 mm wider than the base course, to the surface.
- Sand the second layer after it is hardened and thoroughly dried.

Scope of application

Plasterboard joint treatment and joint paper tape pasting, can also be used for plasterboard surface filling and full batch leveling.

Storage conditions

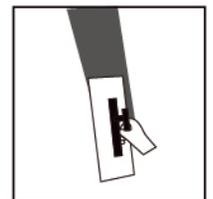
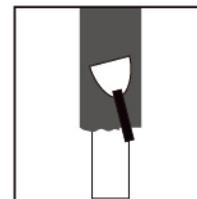
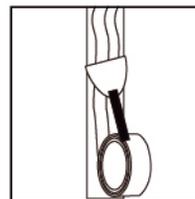
It shall be stored in a dry environment and covered, and shall not be placed directly on the ground. Please use the old stock first to ensure the inventory update.

Warranty period

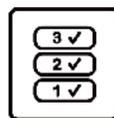
6 months

Reference dosage

10 kg gypsum powder is sufficient for 30 to 40 m² plasterboard joints. It is used for full batch leveling, and the dosage depends on the specific coating thickness.



Environment-friendly
formaldehyde-free



Convenient
construction



Lightweight and
efficient



High-strength and
anti-cracking

JASON lightweight leveling gypsum



Selling points of product

- High-strength and anti-cracking
- Rapid setting and hardening
- Efficient leveling
- Easy application and construction

Method of use

It can be mixed with water. The weight ratio of water to light leveling gypsum is 1:2. Please use it within 1 hour after mixing.

Scope of application

It is suitable for plastering and leveling of brick, concrete, building block and cement wall surfaces.

Executive standard

Gypsum Plaster GB/T 28627-2023 LA

Storage conditions

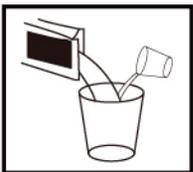
Place on a wooden pallet and store in a dry place.

Warranty period

6 months

Reference dosage

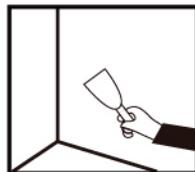
20 kg of this product is sufficient for leveling the 5~7 m² base course (it is recommended that the thickness of the leveling layer is above 5 mm).



The mixing ratio of water and light leveling gypsum powder is 1:2, and the water is added before the powder. More water is needed in high and low temperature seasons.



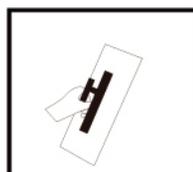
Fully stir until the slurry does not flow



The original putty on the wall must be removed until the cement layer is exposed, and the concrete surface needs to be treated with interface agent.

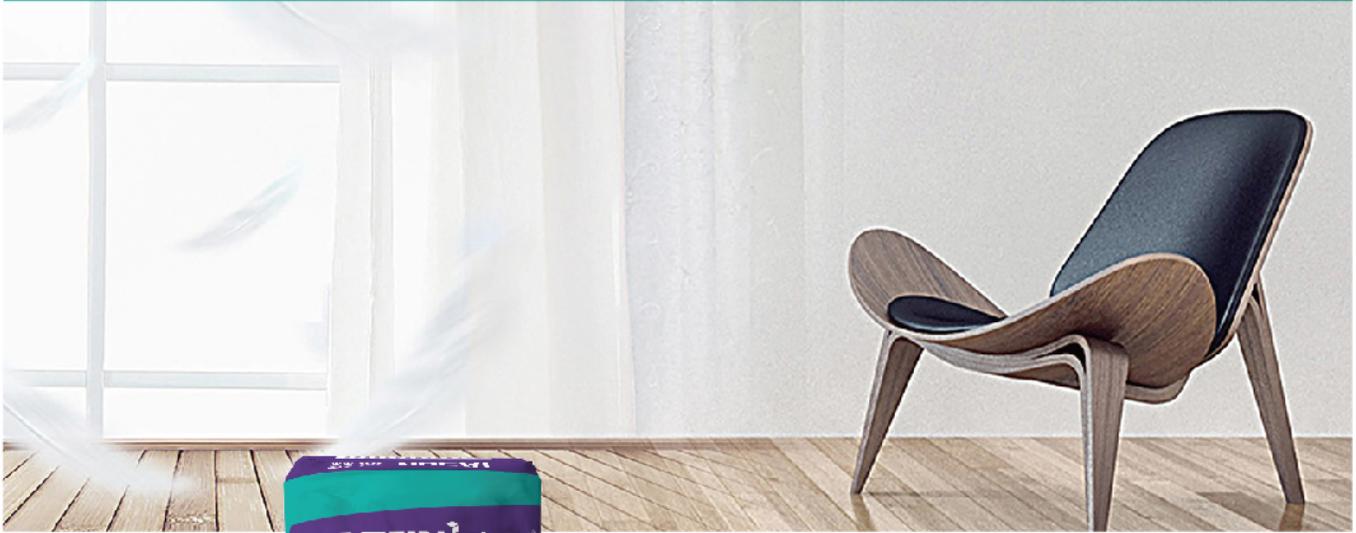


Apply 1-2 times, with a thickness of 5-10 mm, and the thickness shall not be less than 5 mm. Construct layer by layer, and form within 8 hours.



Level the surface with a spatula.

JASON base course leveling gypsum



Selling points of product

- High-strength and anti-cracking
- Rapid setting and hardening
- Efficient leveling
- Easy application and construction

Method of use

It can be mixed with water. The weight ratio of water to base course leveling gypsum is 0.3~0.4:1. Please use it within 1 hour after mixing.

Scope of application

It is suitable for plastering and leveling of concrete, building block and cement wall surfaces.

Executive standard

Gypsum Plaster GB/T 28627-2023 HA

Storage conditions

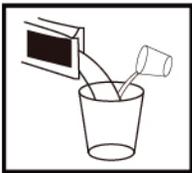
Place on a wooden pallet and store in a dry place.

Warranty period

6 months

Reference dosage

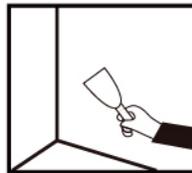
20kg of this product is sufficient for the 5-7 m² base course leveling (it is recommended that the leveling layer thickness shall be above 3 mm).



The mixing ratio of water and base course leveling gypsum powder is 0.3~0.4:1, and water shall be added before the powder. More water shall be added in high and low temperature seasons.



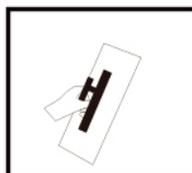
Mix thoroughly until the slurry does not flow.



The original putty on the wall must be removed until the cement layer is exposed, and the concrete surface needs to be treated with interface agent.



Apply 1-2 times, with the thickness of 1-5 mm/time and not less than 3 mm, and construct layer by layer, and form within 8 hours.



Level the surface with a spatula.

JASON odorless putty powder



Product introduction

JASON odorless putty powder is a high-quality natural powder for fine leveling of indoor walls. It is refined by adding special composite additives, and its good anti-cracking performance can reduce the cracking trend of the putty layer and the wall cracking.

Base course surface treatment

The base course shall be solid, free of floating dust and dirt, and the moisture content shall be less than 5%. In order to avoid bubbling of putty, the QG concrete interface agent diluted by 50% with water shall be applied twice with a roller. After the interface agent is dry, putty can be scraped, and the bubbling phenomenon can be significantly improved; For the special base course surface with bubbling tendency, the bubbling phenomenon still occurs after applying the QG concrete interface agent, a thin layer of putty can be scraped with force first, and then the putty can be scraped normally immediately, so that the bubbling of the putty can be greatly eliminated.

Mixing method

The recommended water addition is about 40%, and the actual water addition is based on the construction consistency. After stirring evenly, let it stand for 10 to 15 minutes (30 minutes in winter): stir it again and use it. Materials other than water shall not be added.

Batch scraping and leveling

The thickness of each batch of putty shall be greater than 0.5 mm and not more than 1.5 mm, and the total thickness of the batch shall not exceed 2 mm. If the thickness of the batch is excessive at one time, the putty tends to dry shrinkage and cracking. If the leveling thickness is greater than 2 mm, the wall shall be plastered with the QN gypsum powder and leveled first. The putty leveling shall be completed in the semi-dry state (no deformation when lightly pressed by hand), and after curing, it shall be polished and leveled with the water sandpaper.



Environment-friendly
formaldehyde-free



Convenient
construction



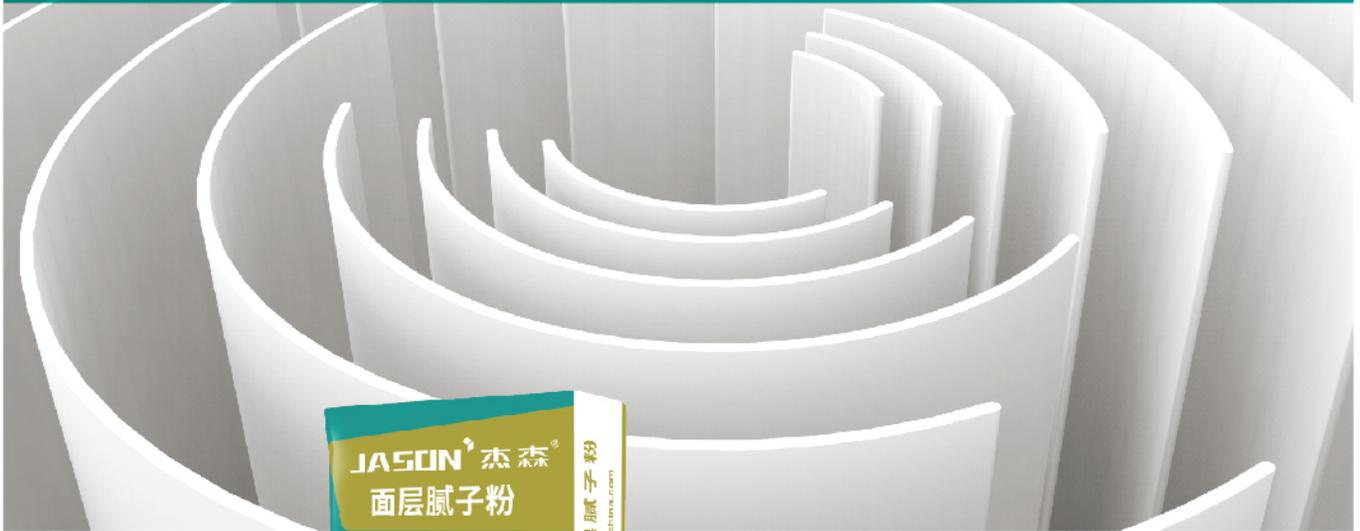
Lightweight and
efficient



High-strength and
anti-cracking

Executive standard	JG/T 298(Y) and GB 18582	Construction temperature	5°C~35°C
Packing specification	20±0.5kg	Warranty period	12 months

JASON surface putty powder



Product introduction

JASON surface putty powder is an indoor putty made of various natural powders and special additives. This product has excellent adhesion, excellent bonding strength, and fine and smooth coating, which provides a flat and reliable base course surface for subsequent coating procedures.

Base course preparation

The wall must be clean and solid, free of dust, release agent and other substances that affect the bonding effect.

Construction technology

This recommended mixing ratio of the product is powder: water = 1 kg: 0.3-0.4 kg. First add water in the container, then add putty powder, fully stir with an electric mixer to form a paste without particles or precipitates, and then let stand for a few minutes and slightly stir it for use.

Storage conditions

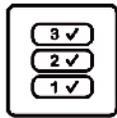
Store the original sealed product in a dry, cool and ventilated environment.

Precautions

1. When using this product, pay attention to the humidity of the construction site. If the humidity is too high, the strength of the putty will be reduced, the putty will be peeled and even moldy.
2. This product is non-toxic. In case of contact with eyes, please rinse with water. If you feel unwell, please seek medical advice in time.



Environment-friendly
formaldehyde-free



Convenient
construction



Lightweight and
efficient



High-strength and
anti-cracking

Executive standard	JG/T 298(Y)	Construction temperature	5°C~35°C
Packing specification	20±0.5kg	Warranty period	12 months

JASON lightweight plaster gypsum



Product introduction

JASON lightweight plaster gypsum is made of the high-purity desulfurized gypsum, lightweight gypsum materials, polymer additives and other green raw materials, refined by professional equipment, and packaged in the form of dry mixture. When in use, it only needs to be mixed with water, which is reliable in quality and can significantly improve the construction efficiency. It can widely replace the traditional cement mortar, and is suitable for plastering the base wall in indoor dry areas.

Product characteristics

- JASON lightweight plaster gypsum adopts gypsum-based formula, which is health and environmental protection and free of formaldehyde.
- JASON lightweight plaster gypsum has stable properties, quick setting and hardening, no cracking or hollowing, beautiful finished surface, and wide application range.
- JASON lightweight plaster gypsum construction is simple and convenient, and it can be used by manual plastering and machine spraying, with high construction efficiency.
- JASON lightweight plaster gypsum is the non-combustible material, which is comfortable, and fireproof and thermal insulation.

Scope of application

It can be applied to the interior wall plastering, indoor ceiling plastering and building energy-saving systems of various home decorations and tooling.



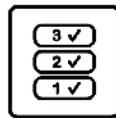
Health and environmental protection



Lightweight



High-strength



Convenient construction



No cracking, no hollowing



Manual scraping and machine spraying



Fireproof



Thermal insulation

Executive standard	Plaster Gypsum (GB/T 28627-2023)	Construction conditions	5°C~35°C
Reference weight	P130 10kg/1.3m ² /10mm P160 10kg/1.6m ² /10mm	Water-plaster mixing ratio	Approximately 1:2
Packing specification	25kg/bag ±0.3kg	Warranty period	6 months

JASON High-end Home Decoration Series Products

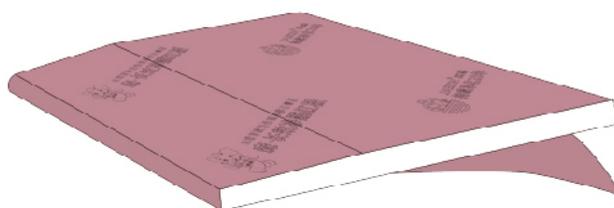


JASON · Long-term formaldehyde-free red plasterboard



Product introduction

JASON·long-term formaldehyde-free red plasterboard is the world's first plasterboard with the active manganese for formaldehyde removal jointly developed by JASON and the new material research expert team of Zhejiang University of Technology. It is made of the high-purity desulfurization gypsum and the nano-scale active manganese catalytic materials and refined by the international advanced production technology. With excellent breathability, combined with paper-faced plasterboard, it achieves long-lasting net aldehyde and efficient odor removal, safeguarding the health of you and your family.

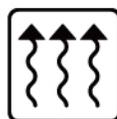


Principle of net aldehyde:

The active manganese material is a newly developed nanoscale material with a microscopic size of 10-20 nm. Therefore, its catalytic activity is qualitatively enhanced, enabling the rapid catalytic decomposition of harmful formaldehyde into harmless carbon dioxide and water within a short period.



Long-lasting net aldehyde



Breathability



Bacteriostatic effect



Higher strength

Long-term mechanism:

Due to the catalytic properties of the nano-active manganese material itself, it serves to catalyze and accelerate the reaction without participating directly in the chemical process. After the catalytic decomposition is complete, the nano-active manganese material within the net aldehyde plasterboard does not decrease or experience performance degradation.

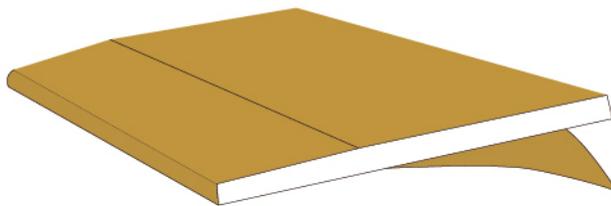
Odor-removing effect:

The JASON·long-term formaldehyde-free red plasterboard can effectively decompose various harmful gases with the inherent breathability of the plasterboard itself, yielding a noticeable improvement in air purification and enhancing the overall residential experience.

Thickness (mm)	Width (mm)	Length (mm)
10	1200	2100/2400
10	1220	2135

JASON plasterboard can be customized according to customer needs.

JASON gold net aldehyde board+



Health and environmental protection



Higher strength



Formaldehyde purification



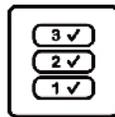
Phosphate-free



Lightweight



High cost performance



Ease of installation

Product introduction

"JASON gold net aldehyde board+" is a plasterboard product introduced by Jason Company for the high-end home decoration market. This product features a specially crafted, high-strength yellow eco-friendly protective paper, and its core is composed of high-purity desulfurized gypsum and environmentally friendly additives. Manufactured through advanced international production processes, it utilizes a unique molecular structure to purify harmful substances in the indoor environment and enhance the product's own strength. Committed to creating a clean and eco-friendly living space for users, the high-strength protective paper and core incorporate special materials to provide customers with a durable and stable decorative effect.

Product characteristics

- Easy to transport, reducing losses.
- The board is lightweight, and the installation of plasterboard can be completed by just one person, making the construction convenient and efficient.
- High cost-performance, with all performance indicators fully compliant with national standards.

Application Scope

JASON gold net aldehyde board+ can be widely applied in the partition walls, ceilings, and veneer wall systems of home decoration.

Thickness (mm)	Width (mm)	Length (mm)
10/12	1200	1500/2000/2400/3000
10/12	1220	1830/2440

JASON plasterboard can be customized according to customer needs.

JASON health series plasterboard



Product introduction

The "JASON health series plasterboard" is a newly developed paper-faced plasterboard created by Jason to meet the demands of those seeking a healthy living environment; By using high-strength premium protective paper and a unique foaming process, it possesses the excellent characteristics of JASON paper-faced plasterboard. Additionally, it will provide you with a healthy living environment free from harmful substances.

Product features

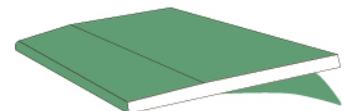
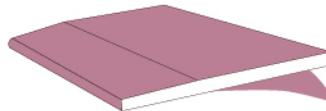
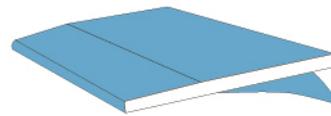
- Health and Environmental Protection: Using high-purity desulfurized gypsum, eliminating the generation of harmful substances.
- Comfortable living: It has good sound insulation performance, excellent water resistance, and higher fire resistance.

Scope of application

The JASON health series plasterboard is used for partition walls, ceilings, and interior insulation walls in home decoration.

Product quality

Produced strictly in accordance with the Chinese standard GB/T 9775-2008. According to the People's Republic of China National Standard GB 50222-2017 "Code for Fire Prevention in Design of Interior Decoration of Buildings," it stipulates that "paper-faced plasterboard with a combustion performance reaching Class B1, installed on metal joists, can be used as Class A decoration material."



Health and environmental protection



Higher strength

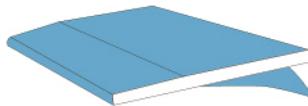


Comfortable living

Thickness (mm)	Width (mm)	Length (mm)
9.5/12	1200/1220	2100/2400/2440

The JASON health series plasterboard is designed to create a healthy, environmentally friendly, and low-carbon living environment for you.

JASPER net aldehyde series plasterboard



Health and environmental protection



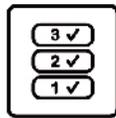
Higher strength



Formaldehyde purification



Comfortable living



Convenience of construction



Good sound insulation

JASPER net aldehyde blue board

JASPER net aldehyde blue board is a new type of plasterboard designed for formaldehyde purification. Using specially crafted blue protective paper and a unique foaming process, it has higher strength compared to 9.5 mm plasterboard. Internally added with formaldehyde removal agents and mesh-distributed glass fibers, it possesses the function of eliminating formaldehyde.

JASPER net aldehyde red board

JASPER net aldehyde red board is a new type of plasterboard designed for formaldehyde purification. Using specially crafted red protective paper and a unique foaming process, it has higher strength compared to 9.5 mm plasterboard. Internally added with formaldehyde removal agents and mesh-distributed glass fibers, it possesses the function of eliminating formaldehyde.

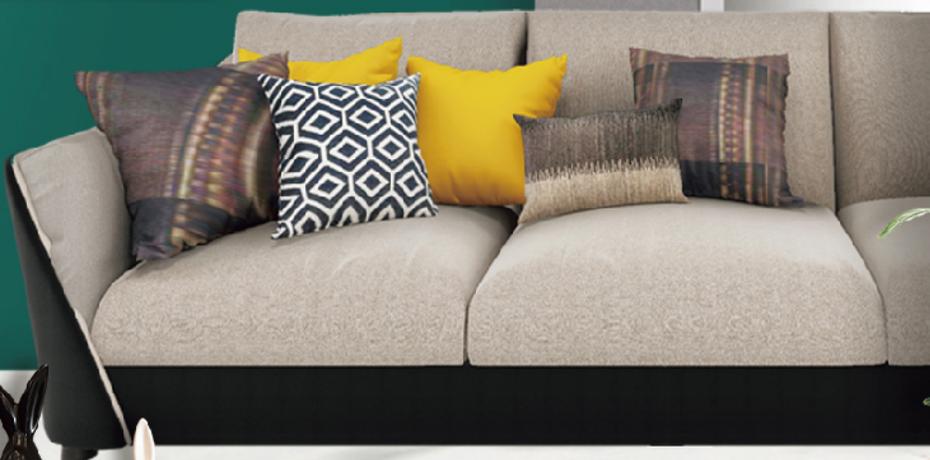
Scope of application

The JASPER net aldehyde series plasterboard is suitable for partition walls, ceilings, and interior insulation walls in villas, apartments, and high-end plasterboard applications.

Thickness (mm)	Width (mm)	Length (mm)
10	1200/1220	2100/2400/2440

JASON plasterboard can be customized according to customer needs.

JASON system introduction



Partition wall system



List of materials for partition wall system

- **JASON vertical stud for wall**
Light steel components used to form the vertical framework structure of the partition wall system
- **JASON transverse wall joist**
Used to form the framework along the top, along the bottom, and around openings in partition wall systems
- **JASON through joist**
Used to enhance the overall stability and flatness of the framework structure in partition wall systems
- **JASON metal corner guard strips**
Used for the protection of external corners in partition wall structures
- **JASON self-tapping screw**
Used for the connection between plasterboard and joists
- **JASON professional anti-cracking joint tape**
Perform joint treatment to create a seamless, flat and smooth surface
- **JASON jointing compound plaster**
Perform joint treatment to create a seamless, flat and smooth surface

Light steel joist partition wall system

The JASON light steel joist partition wall system is designed for non-load-bearing wall systems in public buildings, industrial construction, and residential design. It features lightweight construction, excellent fire resistance and sound insulation, and quick installation. It is suitable for both new construction and the renovation of existing buildings, serving as an ideal lightweight wall system to replace traditional clay brick walls.

The JASON light steel joist partition wall system offers a simple way to separate spaces. It involves using JASON anti-cracking joint tape and JASON sealant for joint treatment, creating a flat and smooth surface without seams. Alternatively, one can directly apply gypsum putty for a more traditional and aesthetically pleasing decorative effect

System characteristics

- Highly effective fire protection – up to 4 hours
- Excellent sound insulation - up to 56 dB
- Super Strong and Tall - more than 10 meters
- Fireproof and moisture-proof
- Quick installation
- Dry operation, clean and environmentally friendly

JASON fireproof partition wall system checklist

System name: JASON single-row joist double-sided single-layer fireproof paper-faced plasterboard partition wall system.

Application range: general partition walls, office partition walls, as well as partition walls for factories, hospitals, classrooms, and other common areas.

Wall thickness	Arrangement mode	Filler	Piece weight (kg/m ²)	Fireproof time
105mm	15+75+15	Rock wool 50 mm, 80 kg/m ³	30	1 Hour

System name: JASON single-row joist double-sided double-layer fireproof paper-faced plasterboard partition wall system.

Application range: general partition walls, office partition walls, partition walls for factories, hospitals, classrooms, and other common areas, as well as partition walls with certain fire resistance requirements.

Wall thickness	Arrangement mode	Filler	Piece weight (kg/m ²)	Fireproof time
123mm	12*2+75+12*2	Rock wool 50 mm, 80 kg/m ³	42	2 Hours

System name: JASON single-row joist double-sided double-layer fireproof paper-faced plasterboard partition wall system.

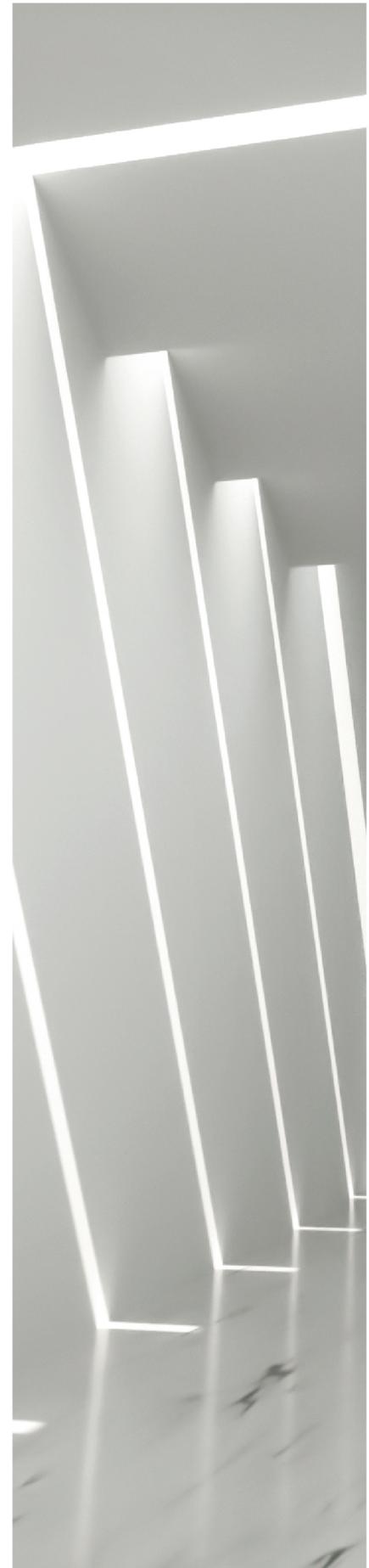
Application range: general partition walls, office partition walls, partition walls for factories, hospitals, classrooms, and other common areas, as well as partition walls with certain fire resistance requirements.

Wall thickness	Arrangement mode	Filler	Piece weight (kg/m ²)	Fireproof time
160mm	15*2+100+15*2	Rock wool 100 mm, 80 kg/m ³	53	4Hours

System name: JASON single-row joist double-sided triple-layer UBEST board partition wall system.

Application range: general partition walls, office partition walls, partition walls for factories, hospitals, classrooms, and other common areas, as well as partition walls with certain fire resistance requirements.

Wall thickness	Arrangement mode	Filler	Piece weight (kg/m ²)	Fireproof time
172mm	12*3+100+12*3	Rock wool 100 mm, 80 kg/m ³	78	4Hours





List of sound insulation wall systems

System name: JASON single-row 75 soundproof joist double-sided single-layer 15 mm regular paper-faced plasterboard partition wall system.

Application range: hotel room partition walls, separating walls, hospital ward partition walls, classroom partition walls, and meeting room partition walls.

Wall thickness	Arrangement mode	Filler	Piece weight (kg/m ²)	Soundproofing level
105mm	15+75+15	Rock wool 50 mm, 80 kg/m ³	33	50dB

System name: JASON single-row 75 soundproof joist double-sided double-layer (PC9.5+PC12) plasterboard partition wall system.

Application range: hotel room partition walls, separating walls, hospital ward partition walls, classroom partition walls, and meeting room partition walls.

Wall thickness	Arrangement mode	Filler	Piece weight (kg/m ²)	Soundproofing level
118mm	12+9.5+75+9.5+12	Rock wool 50 mm, 80 kg/m ³	39	53dB

System name: JASON single-row QS100 joist double-sided five-layer paper-faced plasterboard partition wall system

Application range: hotel room partition walls, separating walls, hospital ward partition walls, classroom partition walls, and meeting room partition walls.

Wall thickness	Arrangement mode	Filler	Piece weight (kg/m ²)	Soundproofing level
148mm	2x12+100+15+2x12	Rock wool 40 mm	56	55dB

System name: JASON single-row 75 soundproof joist double-sided double-layer (PC12+PC15) plasterboard partition wall system

Application range: hotel room partition walls, separating walls, hospital ward partition walls, classroom partition walls, and meeting room partition walls.

Wall thickness	Arrangement mode	Filler	Piece weight (kg/m ²)	Soundproofing level
129mm	15+12+75+12+15	Rock wool 50 mm, 80 kg/m ³	50	56dB

JASON single-row joist double-sided single-layer fireproof paper-faced plasterboard partition wall system



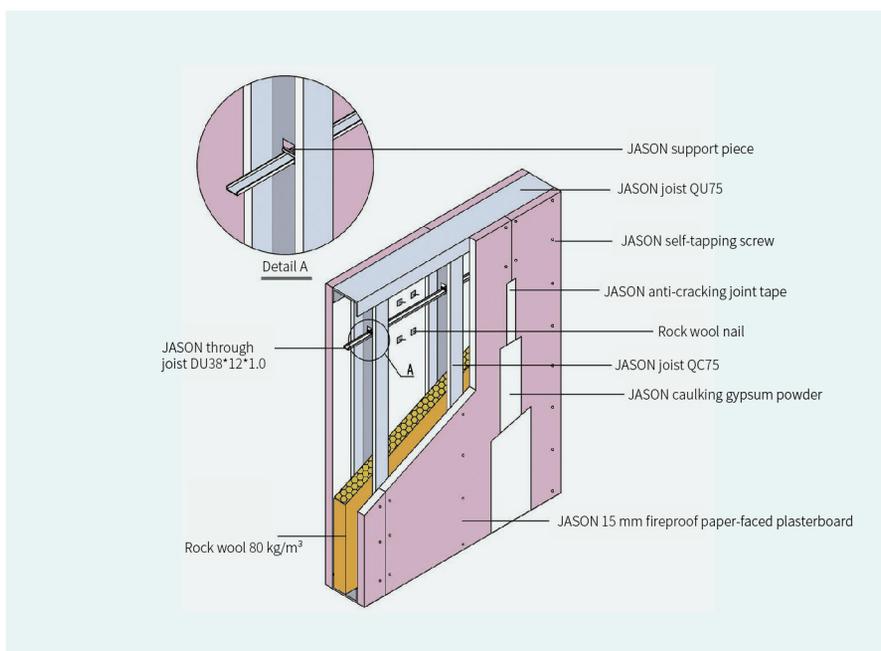
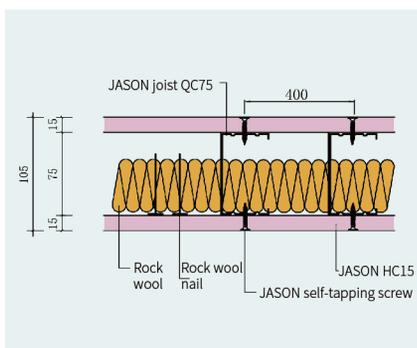
System composition

- Double-sided single-layer 15 mm fireproof paper-faced plasterboard
- JASON vertical stud for wall QC75*45*0.6
- JASON transverse wall joist QU75*35*0.6
- JASON through joist DU38*12*1.0
- Support piece
- Rock wool 50 mm, 80 kg/m³
- JASON self-tapping screw
- JASON caulking gypsum powder
- JASON anti-cracking joint tape

Applicable places

General partition walls, office partition walls, as well as partition walls for factories, hospitals, classrooms, and other common areas.

Wall thickness	Arrangement mode	Filler	Piece weight (kg/m ²)	Fireproof time
105mm	15+75+15	Rock wool 50 mm, 80 kg/m ³	30	1 Hour



JASON single-row joist double-sided double-layer fireproof paper-faced plasterboard partition wall system



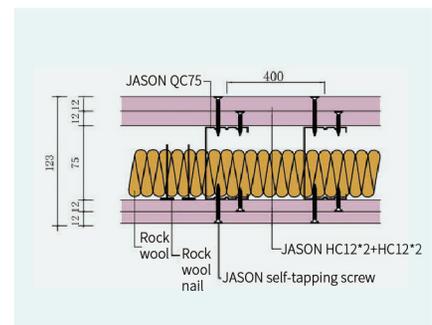
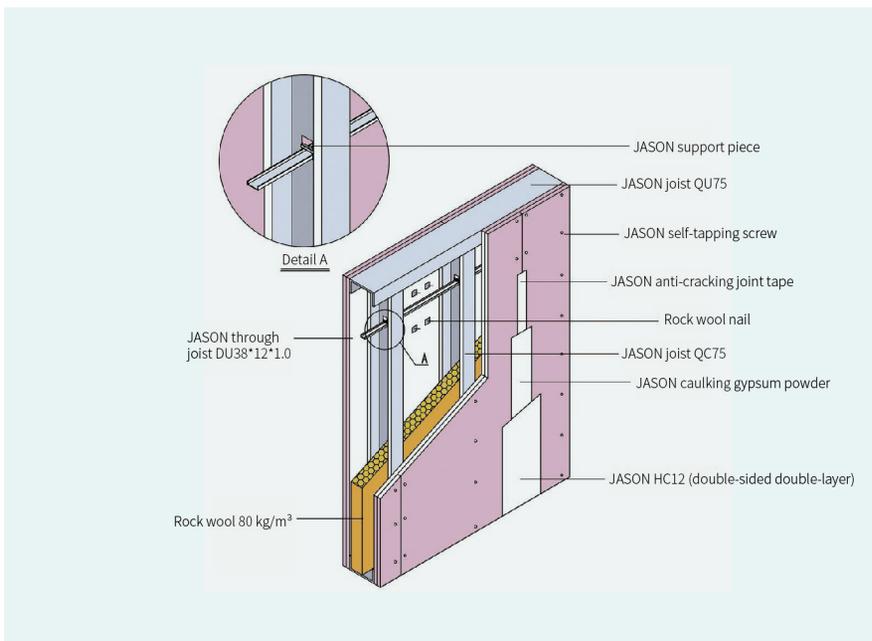
Wall thickness	Arrangement mode	Filler	Piece weight (kg/m ²)	Fireproof time
123mm	12*2+75+12*2	Rock wool 50 mm, 80 kg/m ³	42	2 Hours

System composition

- Double-sided double-layer 12 mm fireproof paper-faced plasterboard
- JASON vertical stud for wall QC75*45*0.6
- JASON transverse wall joist QU75*35*0.6
- JASON through joist DU38*12*1.0
- Support piece
- Rock wool 50 mm, 80 kg/m³
- JASON self-tapping screw
- JASON caulking gypsum powder
- JASON anti-cracking joint tape
- JASON full-batch plaster

Applicable places

General partition walls, office partition walls, partition walls for factories, hospitals, classrooms, and other common areas, as well as partition walls with certain fire resistance requirements.



JASON single-row joist double-sided double-layer fireproof paper-faced plasterboard partition wall system



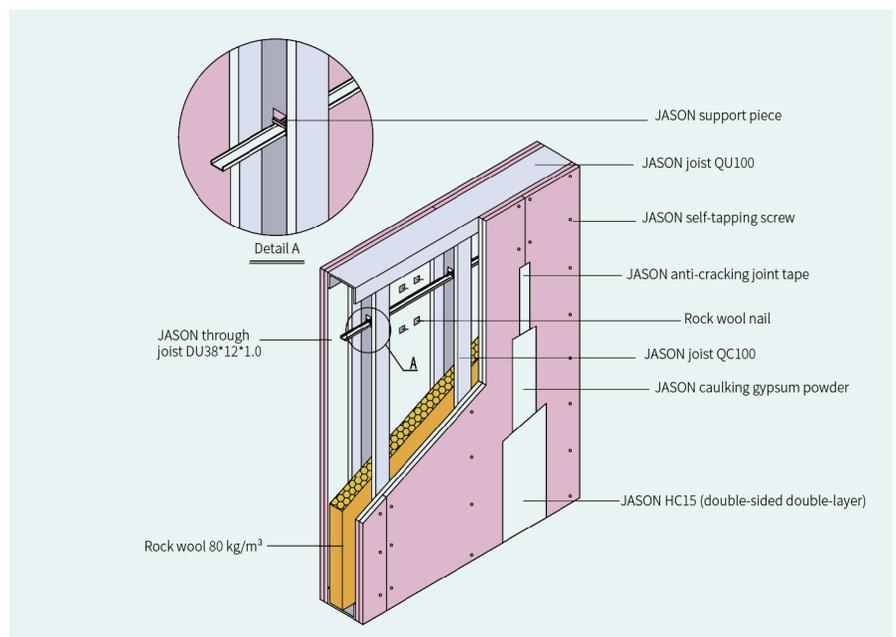
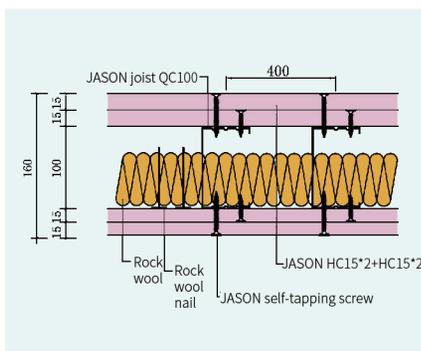
System composition

- Double-sided double-layer 15 mm fireproof paper-faced plasterboard partition wall system
- JASON vertical stud for wall QC100*45*0.7
- JASON transverse wall joist QU100*35*0.7
- Support piece
- Rock wool 100 mm, 80 kg/m³
- JASON self-tapping screw
- JASON caulking gypsum powder
- JASON anti-cracking joint tape
- JASON putty powder

Applicable places

Hotel room partition walls, separating walls, hospital ward partition walls, classroom partition walls, meeting room partition walls, and partition walls with certain fire resistance requirements.

Wall thickness	Arrangement mode	Filler	Piece weight (kg/m ²)	Fireproof time
160mm	15*2+100+15*2	Rock wool 100 mm, 80 kg/m ³	53	4Hours



JASON single-row joist double-sided triple-layer UBEST board partition wall system



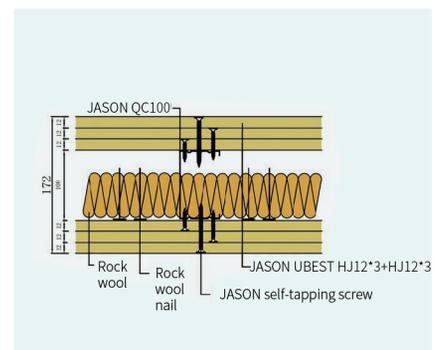
Wall thickness	Arrangement mode	Filler	Piece weight (kg/m ²)	Fireproof time
172mm	12*3+100+12*3	Rock wool 100 mm, 80 kg/m ³	78	4Hours

System composition

- Double-sided triple-layer 12 mm JASON UBEST board
- JASON vertical stud for wall QC100*45*0.7
- JASON transverse wall joist QU100*35*0.7
- Support piece
- Rock wool 100 mm, 80 kg/m³
- JASON self-tapping screw
- JASON sealant
- JASON anti-cracking joint tape
- JASON putty powder

Applicable places

Hotel room partition walls, separating walls, hospital ward partition walls, classroom partition walls, meeting room partition walls, and partition walls with certain fire resistance requirements.



JASON high-strength sound insulation wall system



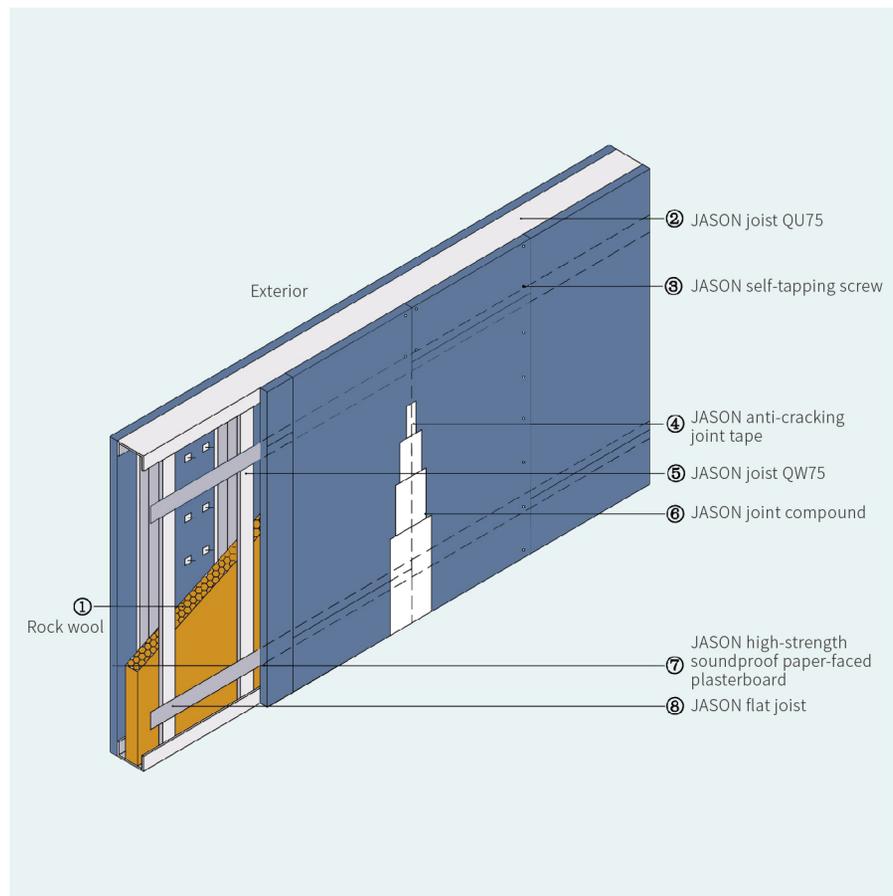
JASON sound insulation wall system

Description of system

The JASON high-strength sound insulation wall system is created by combining Jason paper-faced plasterboard with Jason soundproof joists, tailored for walls with high acoustic requirements. Its unique partition wall system installation has applied for a national utility patent. The system's sound insulation can reach up to 56 decibels, making it more space-saving, time-saving, and labor-saving compared to ordinary partition wall systems under equivalent acoustic requirements; The JASON high-strength sound insulation wall system is widely used for internal partition walls in hotels, hospitals, and other buildings where high sound insulation requirements are needed.

Applicable places

- When aiming for maximum sound insulation, it is desirable to minimize the thickness of the partition wall as much as possible.
- Partition walls in places such as operating rooms, multipurpose halls, schools, hospitals, hotels, etc., where high sound insulation requirements are essential.
- Partition walls with seismic resistance and high sound insulation requirements.
- Not suitable for locations with temperatures exceeding 50°C and relative humidity exceeding 90%.



JASON single-row 75 soundproof joist double-sided single-layer 15 mm regular paper-faced plasterboard partition wall system



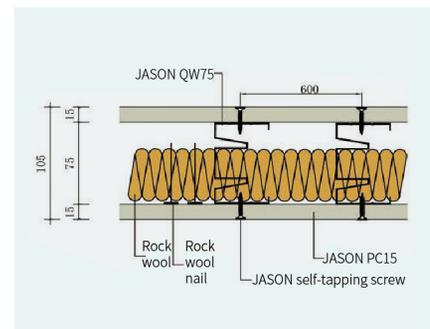
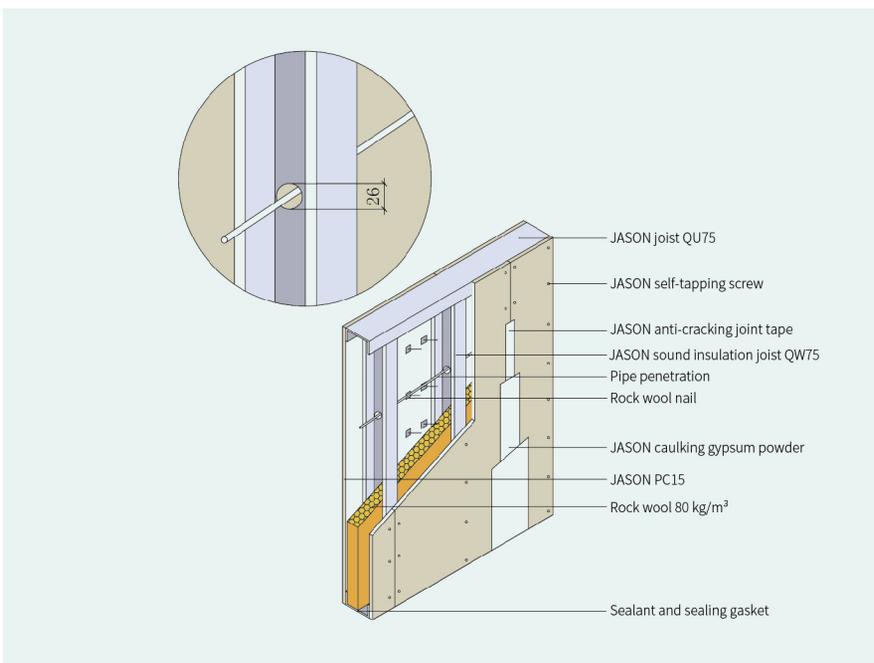
Wall thickness	Arrangement mode	Filler	Piece weight (kg/m ²)	Soundproofing level
105mm	15+75+15	Rock wool 50 mm, 80 kg/m ³	33	50dB

System composition

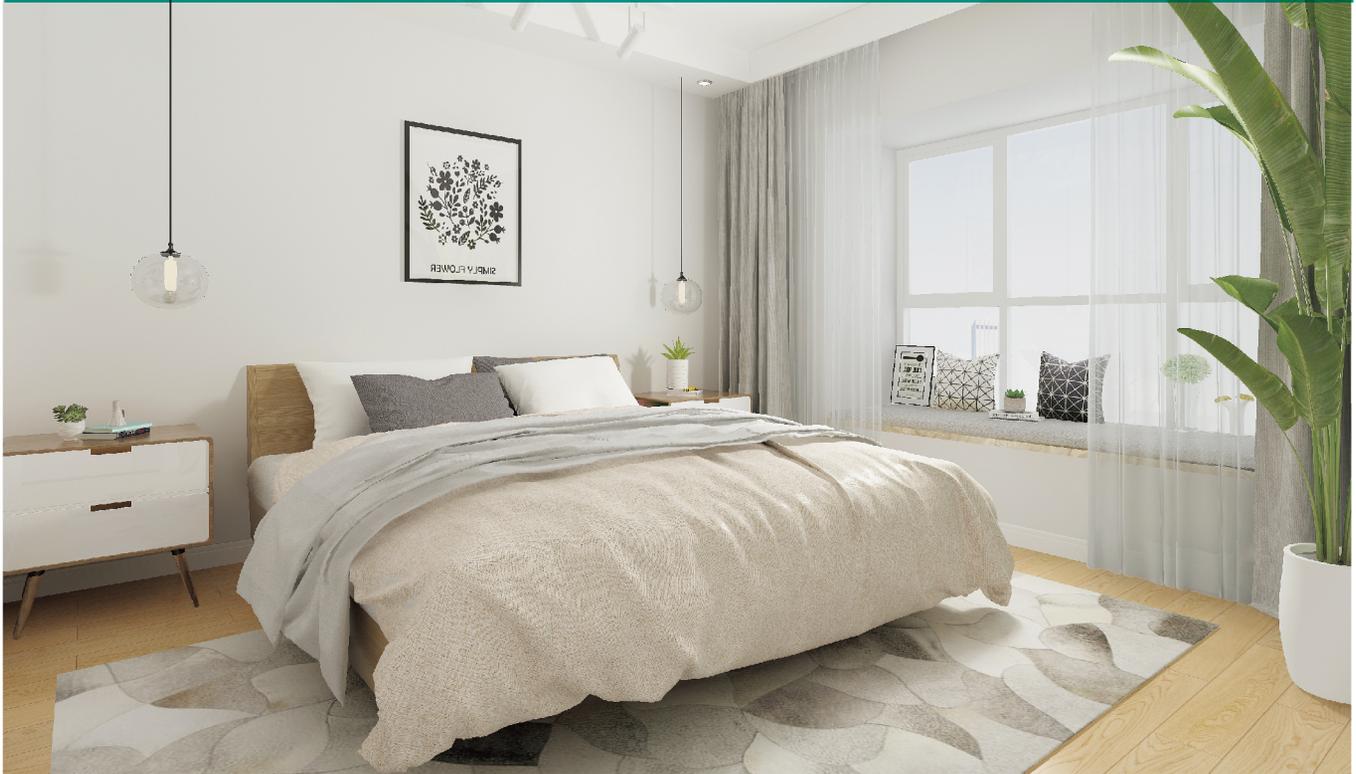
- JASON 15 mm regular paper-faced plasterboard
- JASON sound insulation joist QW75*50*0.6
- JASON transverse wall joist QU75*35*0.6
- Rock wool 50 mm, 80 kg/m³
- Rock wool nail
- JASON self-tapping screw
- JASON anti-cracking joint tape
- JASON sealant
- JASON putty powder

Applicable places

General partition walls, office partition walls, as well as partition walls for factories, hospitals, classrooms, and other common areas.



JASON single-row 75 soundproof joist double-sided double-layer (PC9.5+PC12) plasterboard partition wall system



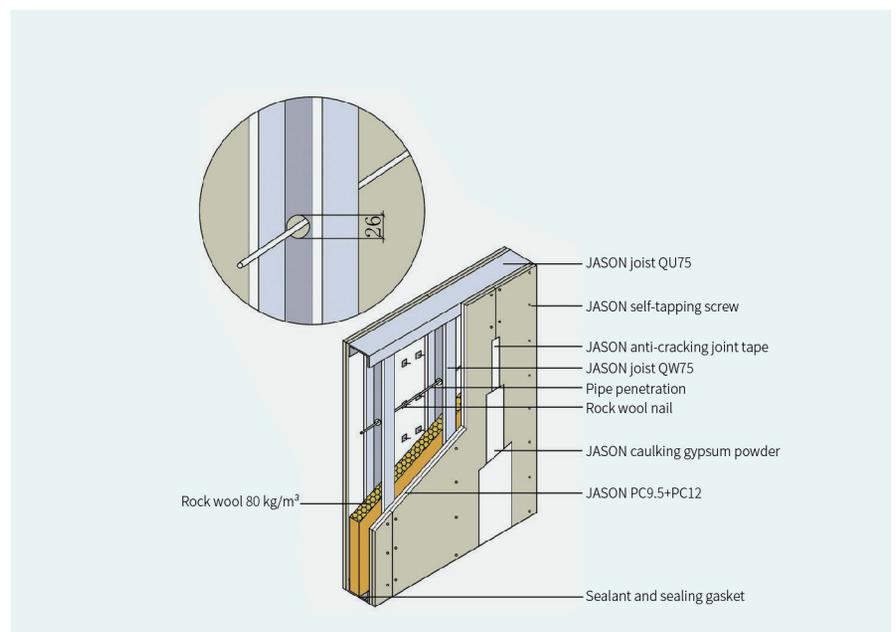
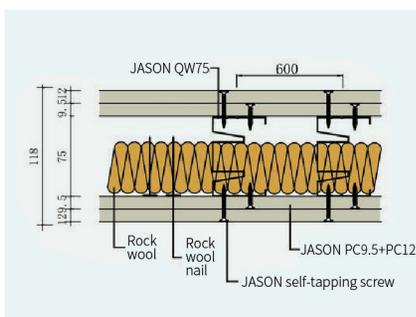
System composition

- JASON 9.5 mm regular paper-faced plasterboard
- JASON 12 mm regular paper-faced plasterboard
- JASON sound insulation joist QW75*50*0.6
- JASON transverse wall joist QU75*35*0.6
- Rock wool 50 mm, 80 kg/m³
- Rock wool nail
- JASON self-tapping screw
- JASON caulking gypsum powder
- JASON anti-cracking joint tape
- JASON full-batch plaster

Applicable places

General partition walls, office partition walls, as well as partition walls for factories, hospitals, classrooms, and other common areas.

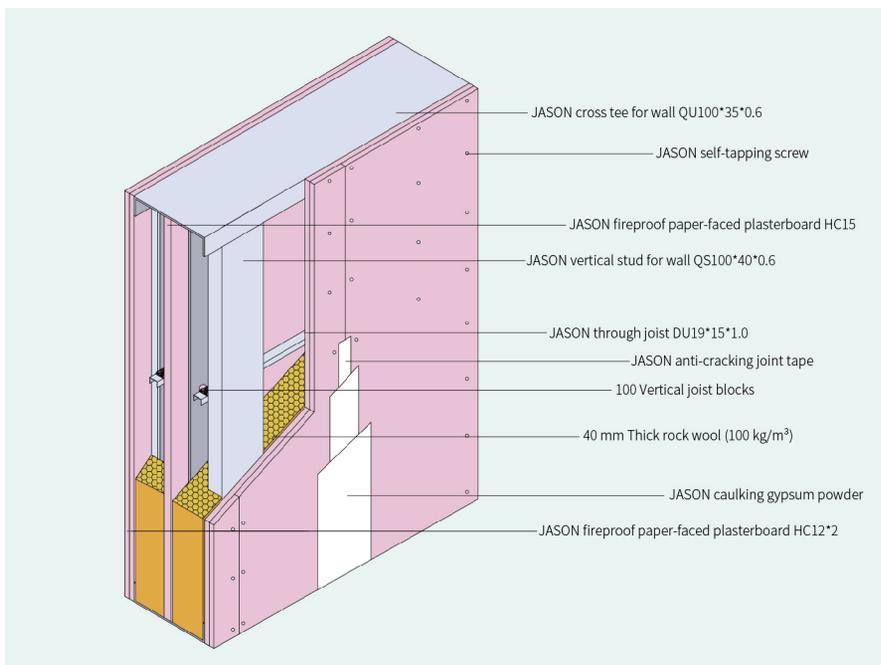
Wall thickness	Arrangement mode	Filler	Piece weight (kg/m ²)	Soundproofing level
118mm	12+9.5+75+9.5+12	Rock wool 50 mm, 80 kg/m ³	39	53dB



JASON single-row QS100 joist double-sided five-layer plasterboard partition wall system



Wall thickness	Arrangement mode	Filler	Piece weight (kg/m ²)	Soundproofing level
148mm	2x12+100+15+2x12	Rock wool 40 mm	56	55dB

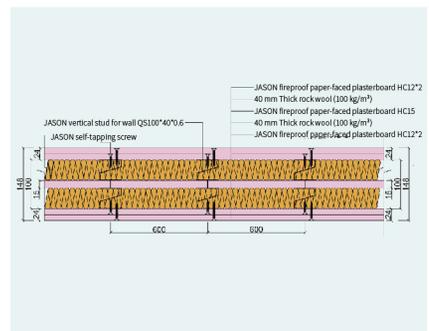


System composition

- JASON 12 mm fireproof paper-faced plasterboard
- JASON sound insulation joist QS100*40*0.6
- JASON transverse wall joist QU100*35*0.6
- Rock wool 40 mm
- Rock wool nail
- JASON self-tapping screw
- JASON anti-cracking joint tape
- JASON caulking gypsum powder
- JASON putty powder

Applicable places

Hotel room partition walls, separating walls, hospital ward partition walls, classroom partition walls, and meeting room partition walls.



JASON single-row 75 soundproof joist double-sided double-layer (PC12+PC15) plasterboard partition wall system



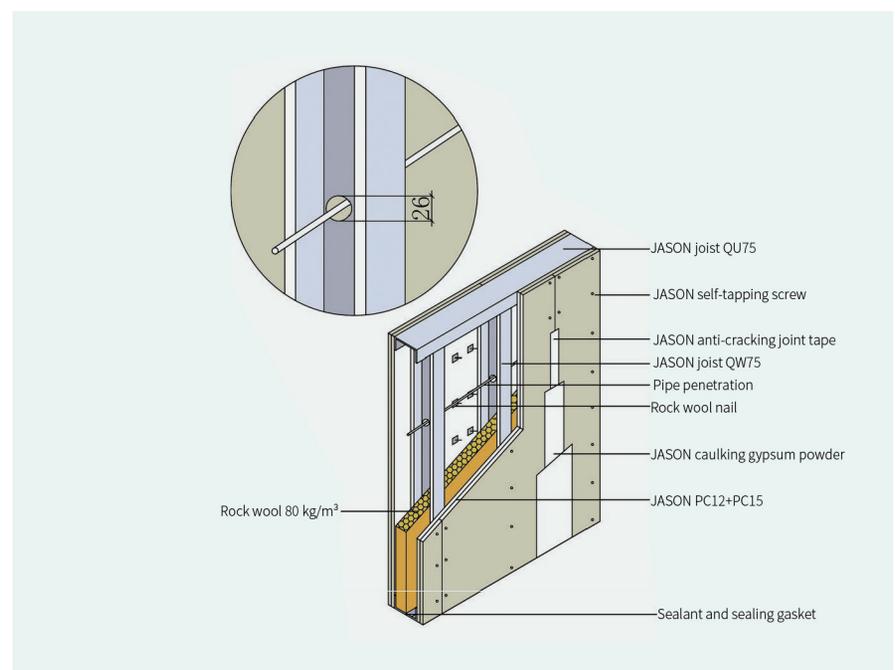
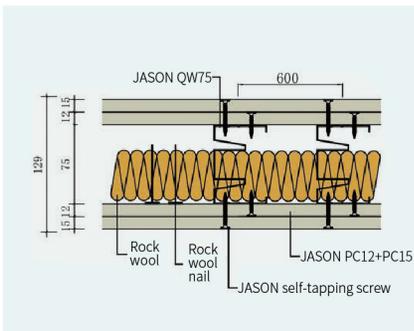
System composition

- JASON 12 mm regular paper-faced plasterboard
- JASON 15 mm regular paper-faced plasterboard
- JASON sound insulation joist QW75*50*0.6
- JASON transverse wall joist QU75*35*0.6
- Rock wool 50 mm, 80 kg/m³
- Rock wool nail
- JASON self-tapping screw
- JASON anti-cracking joint tape
- JASON caulking gypsum powder
- JASON full-batch plaster

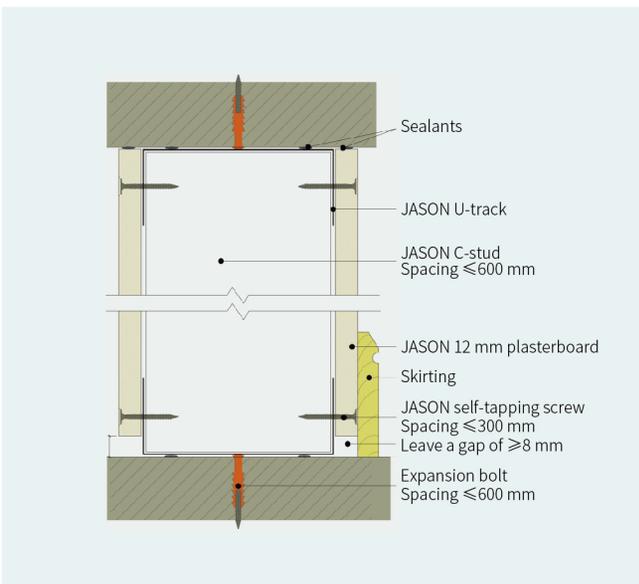
Applicable places

Hotel room partition walls, separating walls, hospital ward partition walls, classroom partition walls, and meeting room partition walls.

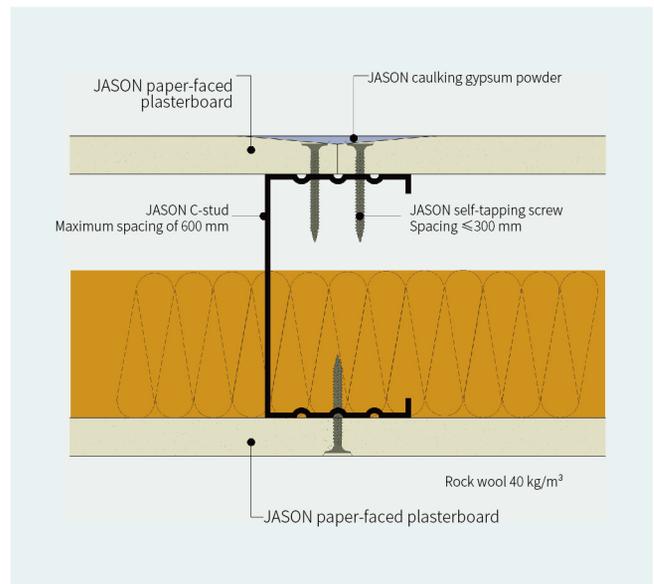
Wall thickness	Arrangement mode	Filler	Piece weight (kg/m ²)	Soundproofing level
129mm	15 + 12 + 75 + 12 + 15	Rock wool 50 mm, 80 kg/m ³	50	56dB



Partition wall system detail



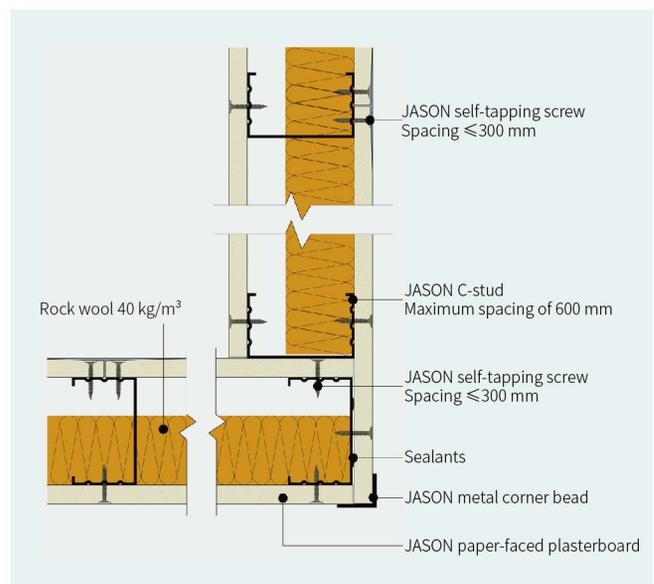
■ Top and bottom structure diagram



■ Double-sided single-layer plasterboard single-row joist structural diagram

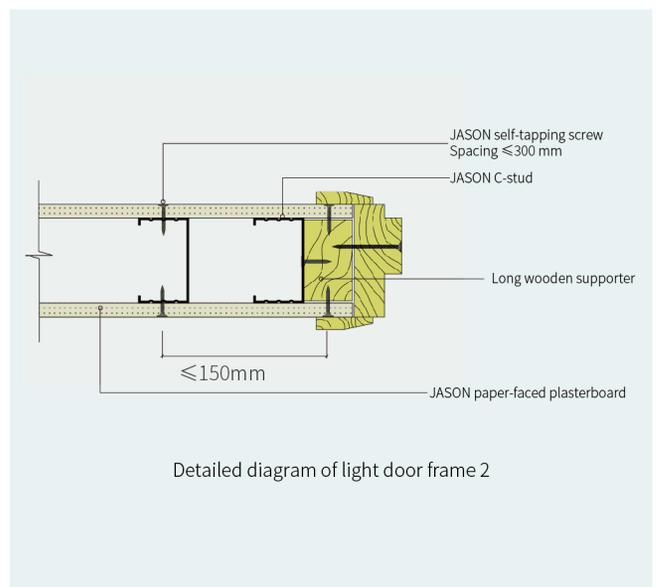
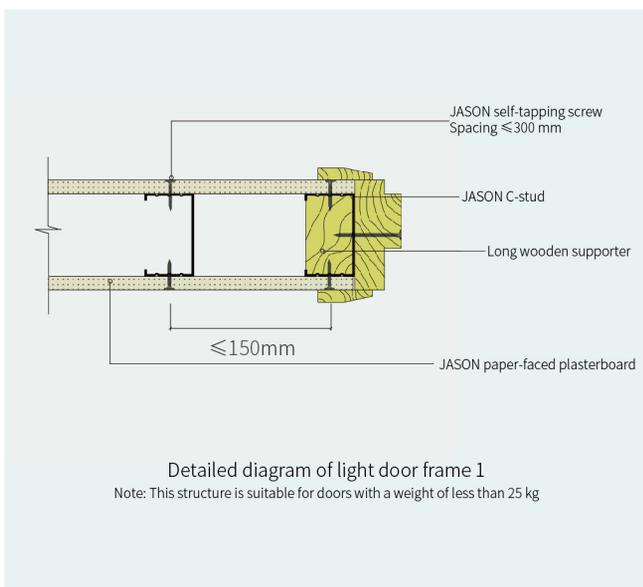


■ T-shaped connection structure diagram

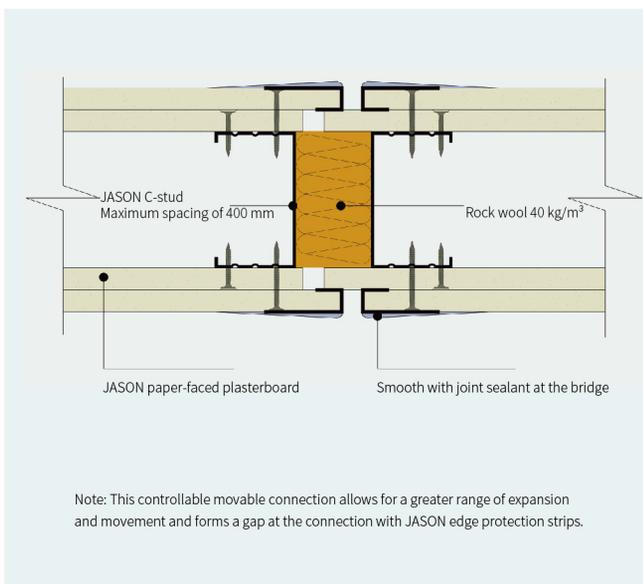


■ 90° Corner connection structure diagram

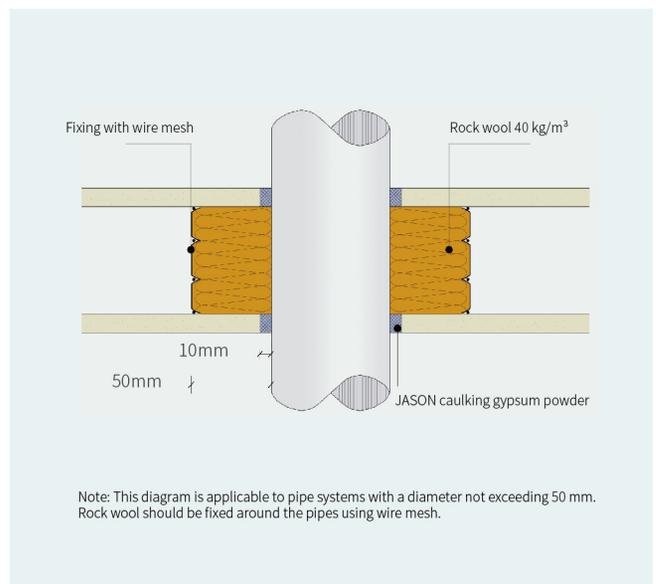
Partition wall system detail



■ Light door frame structural diagram

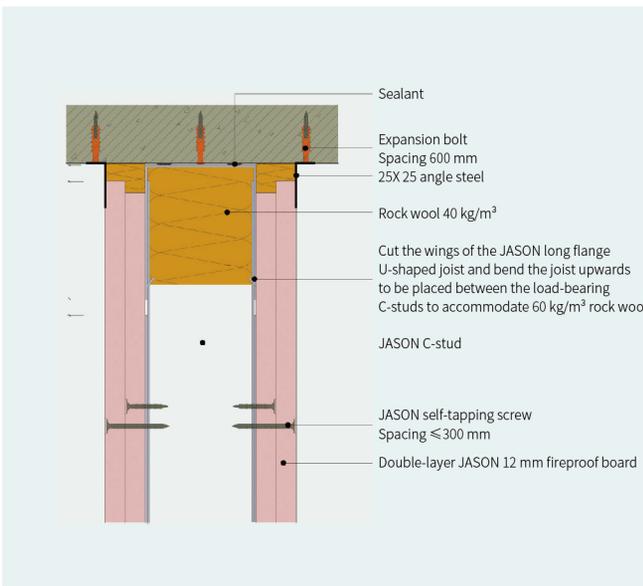
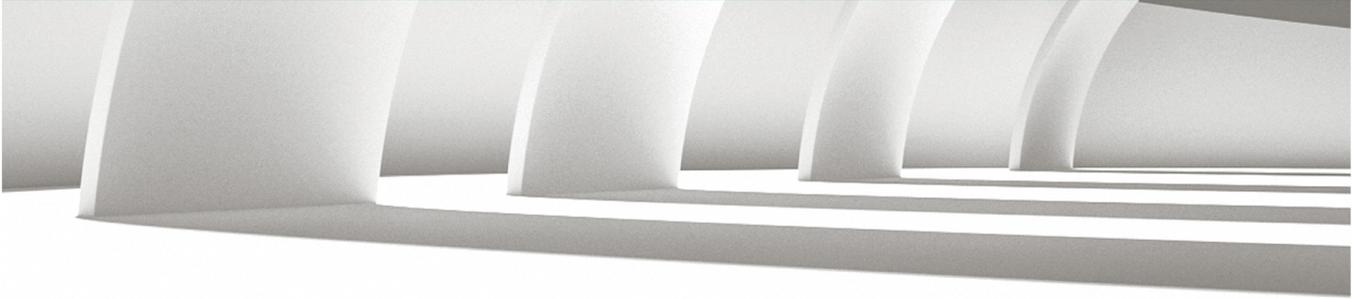


■ Controllable movable connection structural diagram

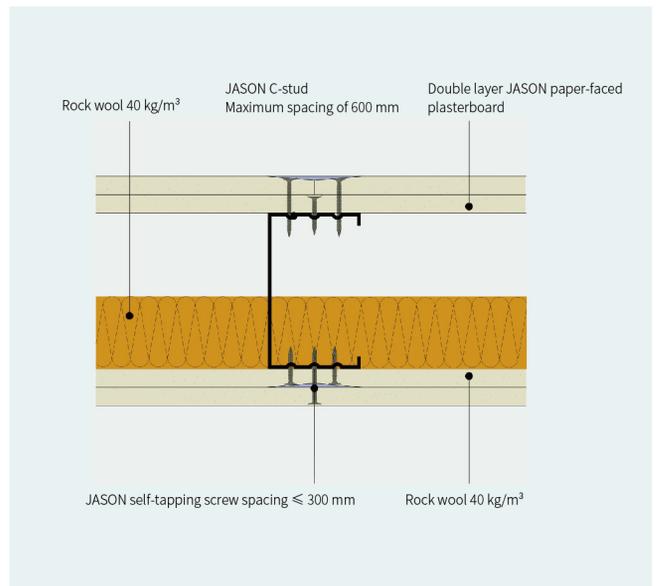


■ Small pipe penetration wall structural diagram

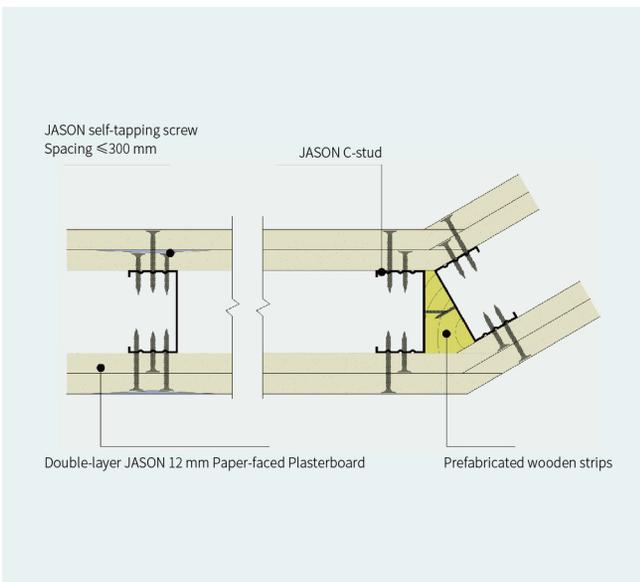
Partition wall system detail



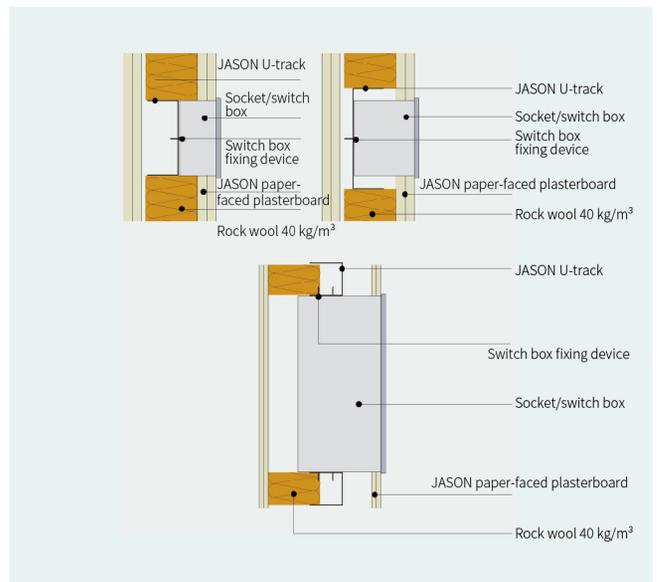
■ Top deflection (2-hour fireproof limit) structural diagram



■ Double-sided double plasterboard single-row joist structural diagram

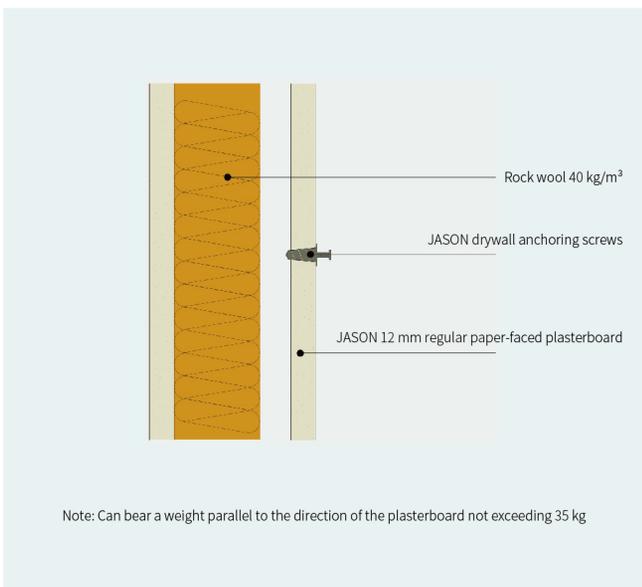
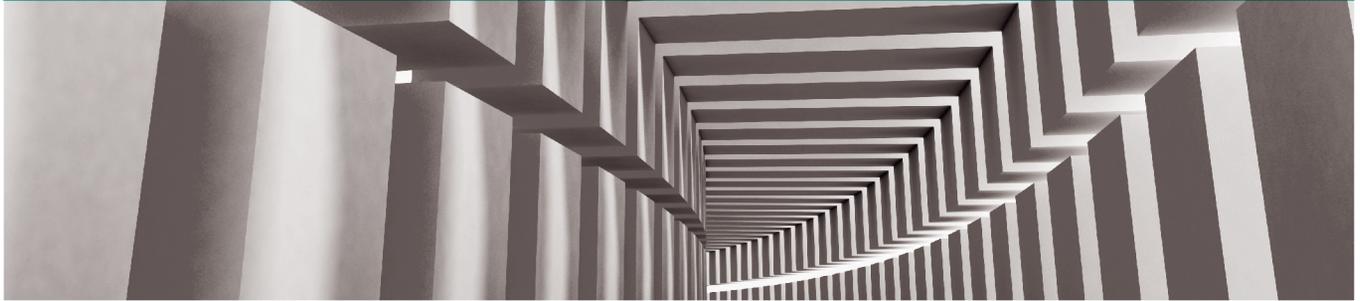


■ Structural diagram of diagonal angle connection

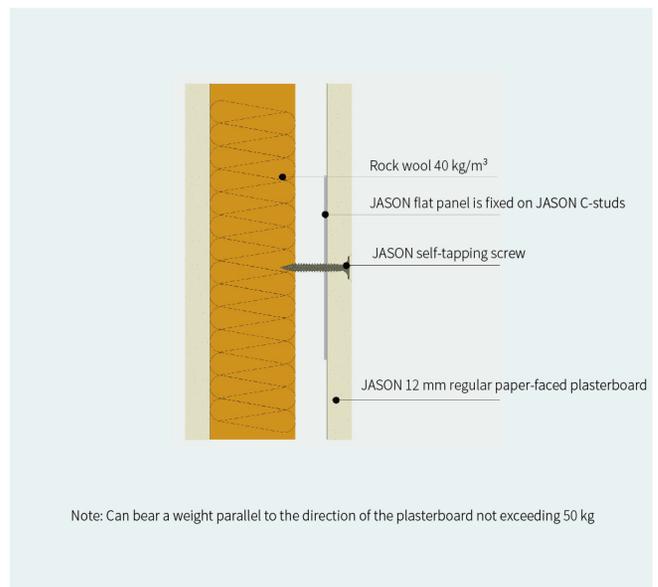


■ Socket and switch box diagram

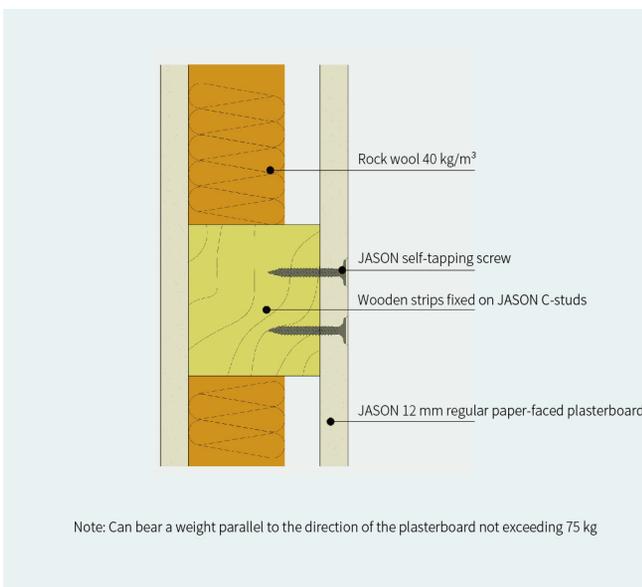
Partition wall system detail



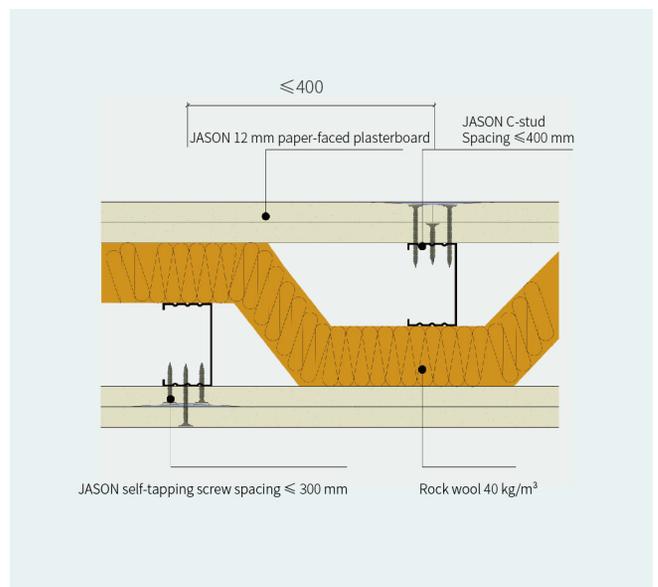
■ Drywall anchoring screw structural diagram



■ Installation flat panel structure diagram

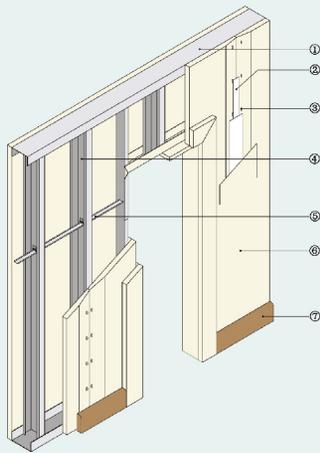
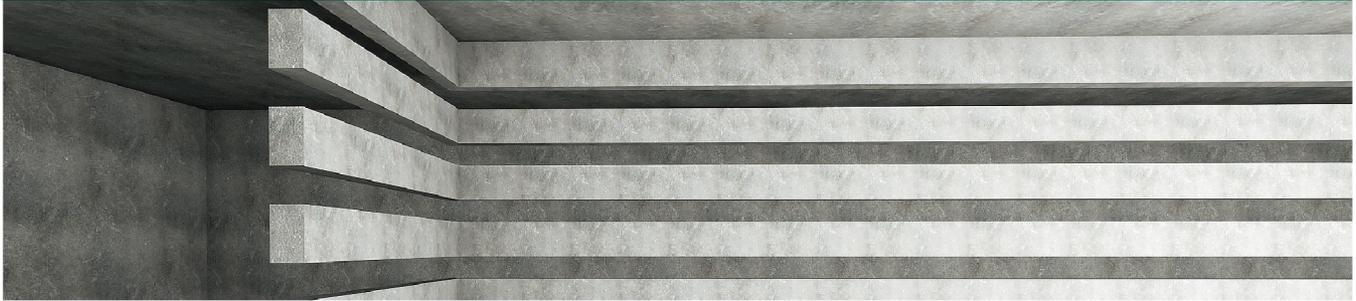


■ Wooden strips structural diagram



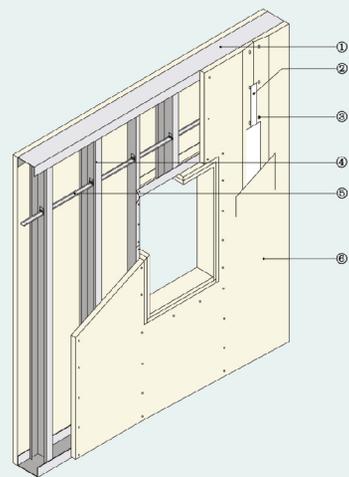
■ Structural Diagram of JASON C-studs in alternating arrangement

Partition wall system detail



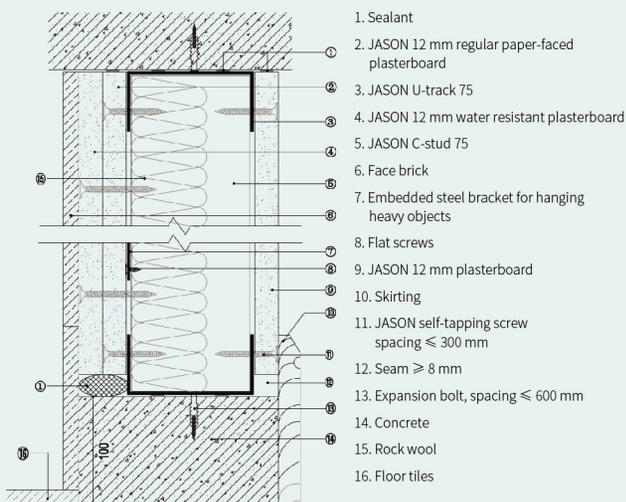
- 1. JASON U-track
- 2. JASON anti-cracking joint tape
- 3. JASON self-tapping screw
- 4. JASON C-stud
- 5. JASON through joist
- 6. JASON paper-faced plasterboard
- 7. Skirting

■ Door frame treatment

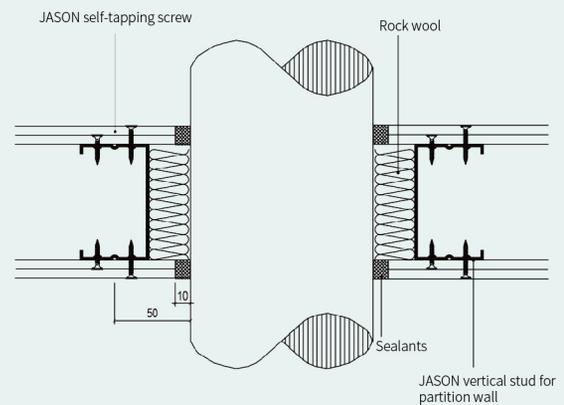


- 1. JASON U-track
- 2. JASON anti-cracking joint tape
- 3. JASON self-tapping screw
- 4. JASON C-stud
- 5. JASON through joist
- 6. JASON paper-faced plasterboard

■ Window treatment



■ Bathroom wall treatment

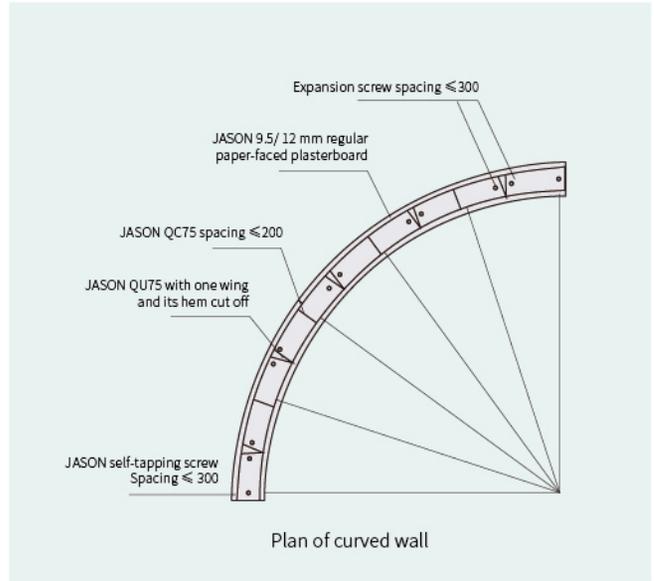
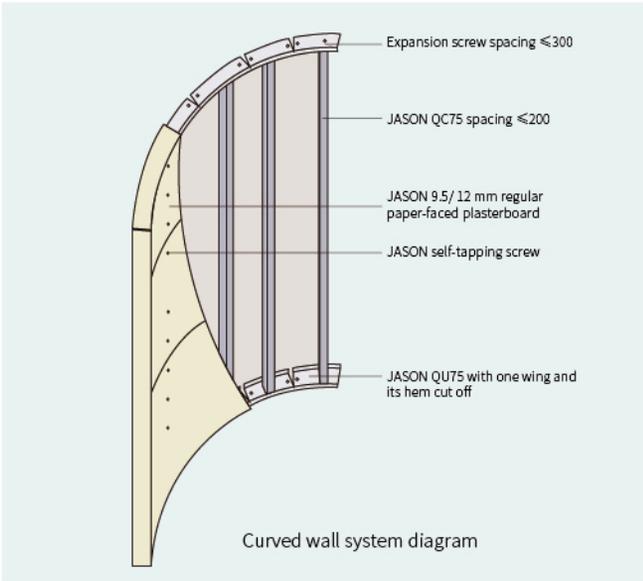


Large pipeline through-wall structure

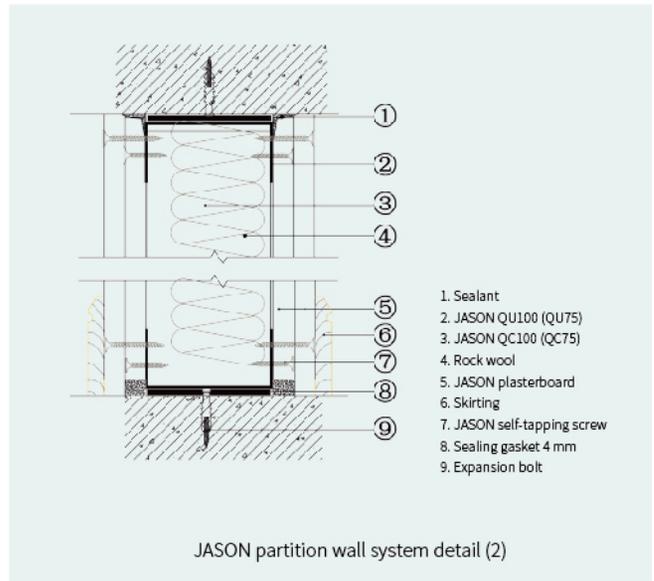
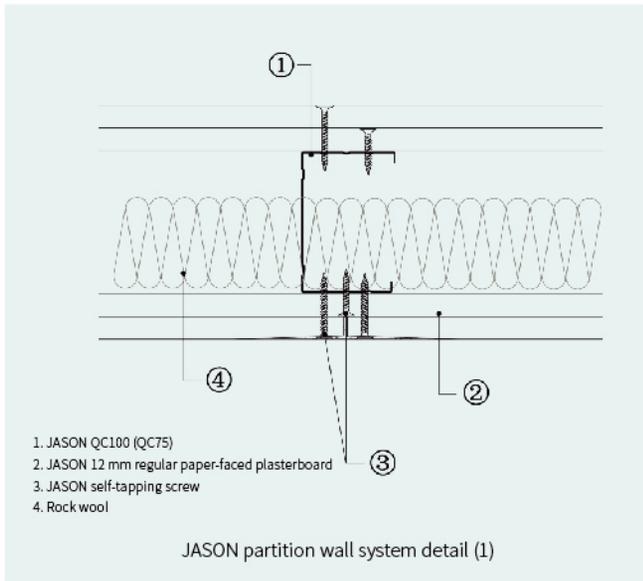
Explanation:
This diagram is applicable to the wall penetration of pipes with a diameter greater than 160 mm. JASON C-stud and U-track form the opening of the pipe.

■ Pipeline treatment

Special-shaped Partition Wall

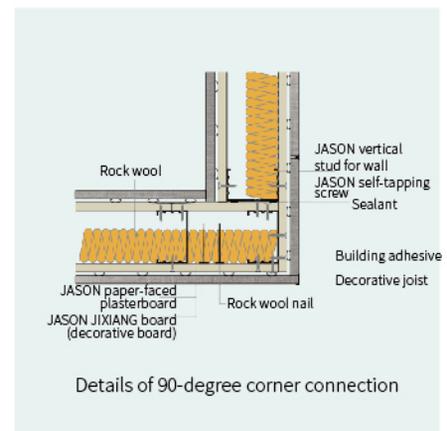
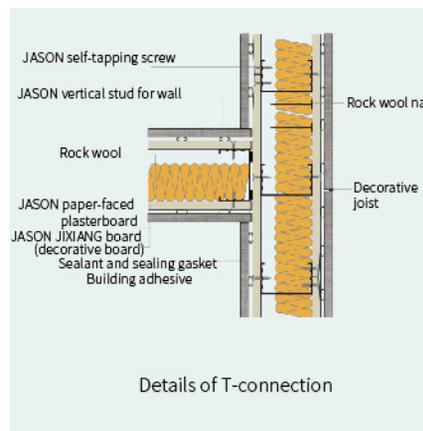
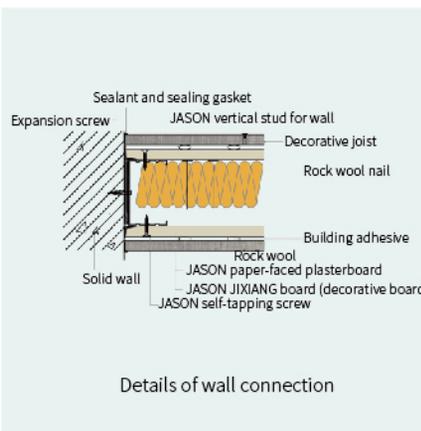
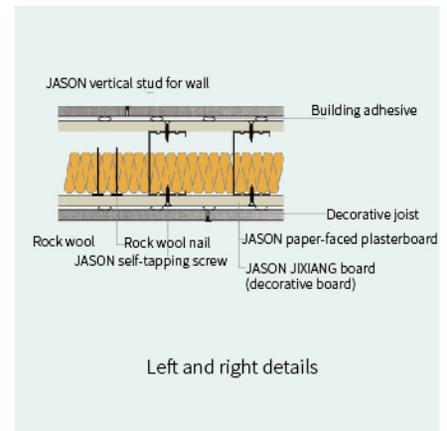
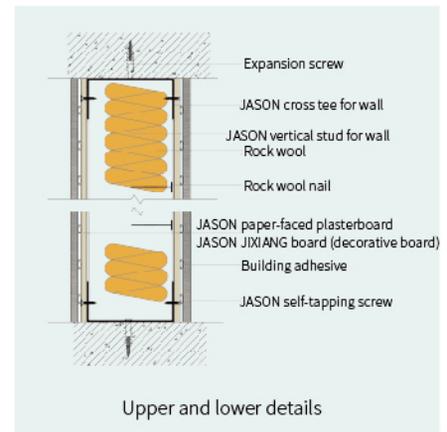
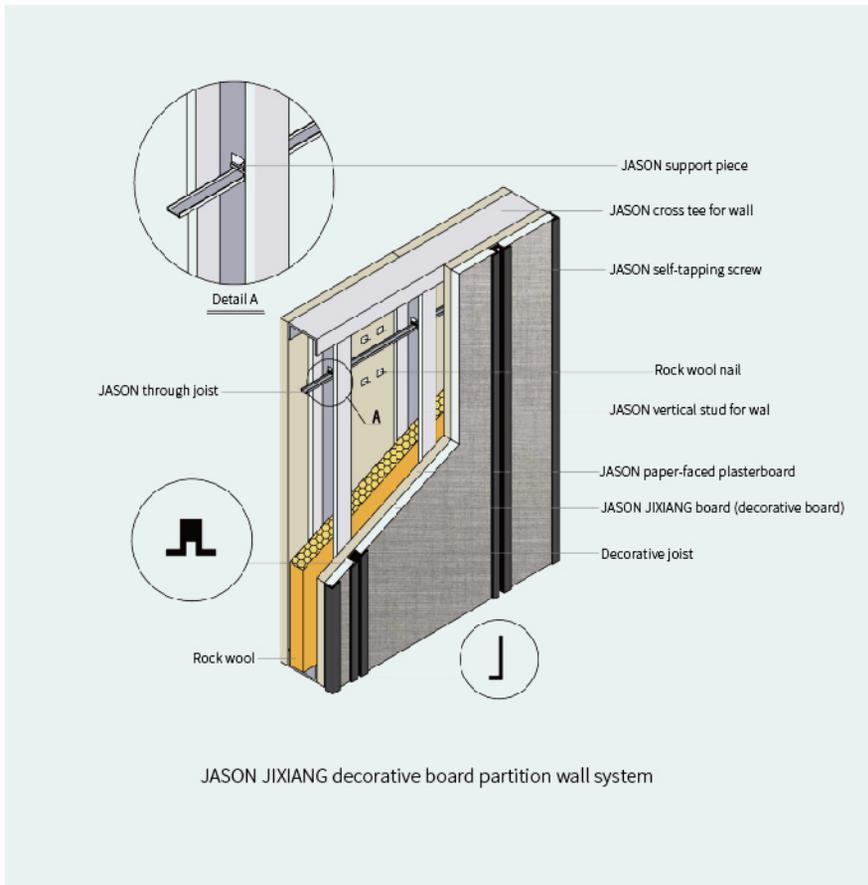


JASON single-row joist double-sided double-layer plasterboard partition wall system



System details treatment

JASON JIXIANG Decorative Board Partition Wall System



Construction Process of JASON Partition Wall System



Site preparation

- The installation site shall be kept dry and there shall be no standing water on the ground.
- Before installation, it is necessary to clean the site to remove dirt, dust, oil and debris.
- The residual cement on installation site must be removed, and the ground shall be leveled and repaired.
- For joint construction, the site temperature shall be higher than 5 degrees Celsius and lower than 40 degrees Celsius, otherwise the construction is prohibited.

Examination of materials

- Before installation, check to ensure that the type, specification and quantity of materials are correct.
- Plasterboard shall be dry, flat and the surface of the paper shall be intact. Damp, bending deformation, board fracture, paper bulge, etc. are not allowed to be used.
- The light steel joist shall be flat, smooth, free of rust and deformation.
- Joint sealant shall be dry, free from moisture and free from caking.

Joist treatment of load-bearing structure

- According to the design requirements, the joist of the suspension equipment shall be strengthened.
- At the position where the equipment is suspended, set the mounting bracket to secure the equipment.

Pipeline installation

All concealed pipework and sockets shall be installed from the side where there is no plasterboard.

Filler installation

- The filler can be rock wool and glass wool.
- The filler must be installed firmly as required and must not be loose or sagging.

Joist installation

- Fix the upper and lower U-shaped joists on the ceiling and floor respectively. Expansion screws, shooting nails and other anchors can be used, and the spacing between two adjacent fixing points shall not be greater than 600 mm.
- The length of the load-bearing C-stud is generally 5 mm shorter than the net height of the partition wall. When inserting the load-bearing C-stud into the upper and lower U-track, the opening direction should be consistent and not reversed, in order to ensure that the through holes of the load-bearing C-stud are at the same horizontal level.
- After the load-bearing C-stud is cut, the cut end is generally upward, and the stud spacing shall be in accordance with the design specifications. Generally 600 mm or 400 mm, but should not be greater than 600 mm.
- Correct the verticality of the load-bearing C-stud.
- U-track and load-bearing C-stud should not be fully fixed, and can be moderately adjusted to suit the allowable tolerances of plasterboard dimensions during plasterboard installation.
- Install the plasterboard on one side first.
- After the installation and acceptance of the pipeline in the partition wall, install the plasterboard on the other side.

Construction process of JASON Partition Wall System



Plasterboard installation

- Plasterboard shall be installed starting at one end of the wall in the direction of the load-bearing C-stud.
- Adjacent two plasterboard panels shall be naturally close together.
- The lower opening of the plasterboard shall be more than 10 mm above the ground to avoid direct contact with the ground.
- The upper opening of the plasterboard shall be close to the roof without gaps (except for sound insulation and fire walls).
- Single plasterboard on both sides of joist must be installed staggered.
- Two layers of plasterboard on the same side, inside, must be installed in a staggered way.
- When the height of the partition wall is greater than the vertical splicing of the plasterboard, the horizontal joints of the plasterboard on both sides and the inner and outer plasterboard of the same side must be staggered.
- The plasterboard at the door frame shall leave the joint gap on the lintel, and the plasterboard on both sides of the lintel shall be staggered.
- The self-tapping screw shall be driven in one shot with an electric screw gun.
- The self-tapping screws should be set into the plasterboard at a depth of 0.5 mm-1 mm.
- The self-tapping screw should be 10 mm-15 mm away from the sealing edge and 15 mm-20 mm away from the cutting edge.

Treatment of plasterboard surfaces

- Joint treatment:
JASON provides a series of joint products including JASON sealant, JASON joint paper tape and JASON metal corner protection paper tape. Users can choose different joint materials based on the required construction speed, the ease of installation and the characteristics of construction.
- Plastering treatment:
Plasterboard surfaces can be applied with 2-5 mm thick JASON full putty.

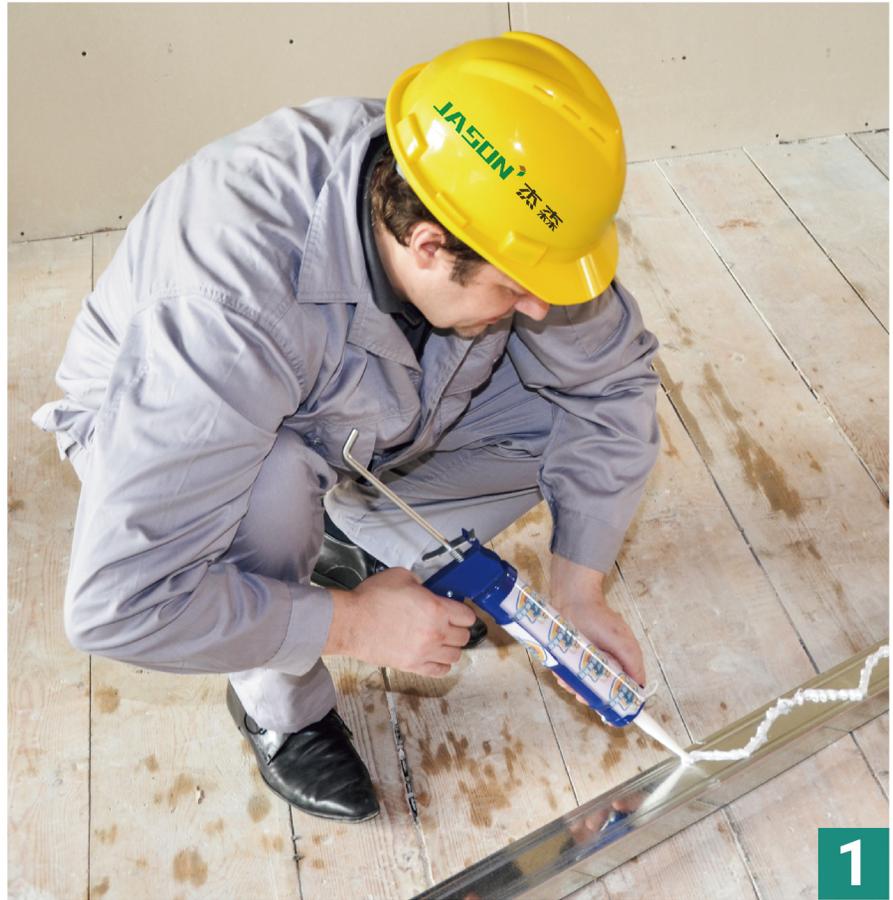
Plasterboard surface decoration

When using heavier vinyl wallpaper, it is necessary to consult the manufacturer for relevant information to facilitate the construction of the base coating.

Partition Wall Example of Installation

Partition wall system

- 01- Apply sealant
- 02- Install the JASON transverse wall joist
- 03- Install the JASON vertical stud for wall
- 04 - Fix the JASON transverse wall joist and the JASON vertical stud for wall
- 05- Install the JASON through joist
- 06- Install the support piece





- 07 - Fix the JASON plasterboard vertically on the joist
- 08 - Conduct the joint treatment with joint tape and joint sealant

Ceiling System



JASON ceiling system

JASON ceiling system can meet the different performance design requirements of strength, fire protection, thermal insulation, sound insulation and steam prevention of various ceilings, and is widely used in various buildings. In particular, the installation method conforms to the traditional use habits in China.

System advantages

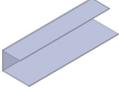
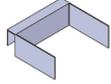
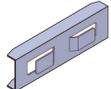
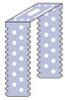
- Rich modeling - suitable for various flat ceilings, and can be made into arc, drop and other special-shaped ceilings
- Easy and quick installation
- Dry operation replaces traditional wet operation
- Low manufacturing cost

Ceiling system list

	Scope of application	Piece weight (kg/m ²)	Fireproof time (h)
JASON traditional ceiling (Accessible)	Large area ceiling of office buildings, commercial houses, factories, hotel rooms, lobbies, etc.	11	1/4
JASON traditional ceiling (Non-accessible)	Office buildings, commercial houses, factories, hotel rooms	10	1/4
Metal ceiling	Low-floor places or old house renovation	8	1/3

List of Ceiling System Materials

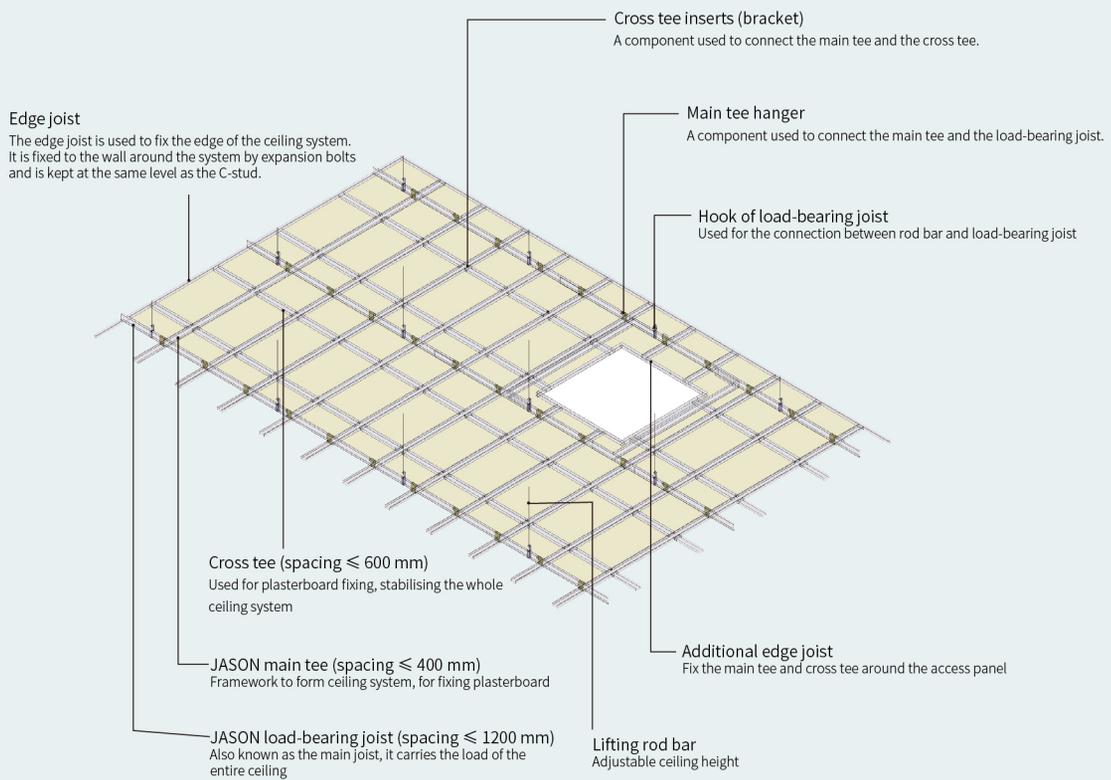


▪ Ceiling edge joist	For the perimeter connection between the ceiling and the wall	
▪ Ceiling load-bearing joist	For the connection between the rod bar and the main tee, bearing the weight of the entire ceiling	
▪ Main tee for ceiling (cross tee for ceiling)	For the connection between plasterboard and ceiling frame	
▪ Hook	For the connection between rod bar and load-bearing joist	
▪ Hanger	For the connection between load-bearing joist and main tee	
▪ Bracket	For the connection between main tee and cross tee	
▪ Load-bearing joist extension	For the connection between load-bearing joist and load-bearing joist	
▪ Main tee extension	For the connection between main tee and main tee	
▪ Self-tapping screw	Used for the connection between plasterboard and joists	
▪ U-clamp	It can be attached directly to the building ceiling, with different ceiling depths obtained by cutting or bending the two wings of the mounting clip	
▪ JASON anti-cracking joint tape	Perform joint treatment to create a seamless, flat and smooth surface	
▪ JASON caulking gypsum powder	Perform joint treatment to create a seamless, flat and smooth surface	

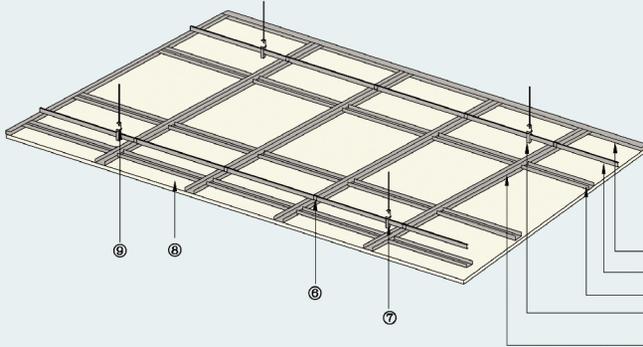
JASON ceiling system



General drawing of system



Ceiling of the guest room



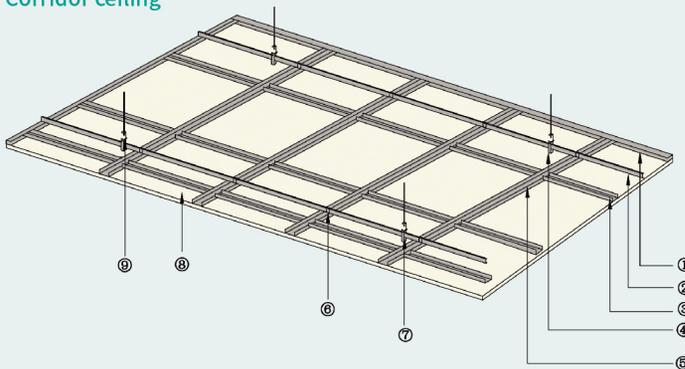
- | | |
|----------------------------------|--|
| 1. JASON edge joist | 6. JASON hanger |
| 2. JASON load-bearing joist DU38 | 7. JASON hook |
| 3. JASON cross tee DC50 | 8. JASON 9.5 mm regular paper-faced plasterboard |
| 4. JASON hook | 9. Crossbar screw |
| 5. JASON main tee DC50 | |

Other auxiliary materials:

JASON self-tapping screws, JASON crack-resistant joint paper bag, JASON caulking gypsum powder, Skimming compound, anchor bolt (kit)

JASON Ceiling System

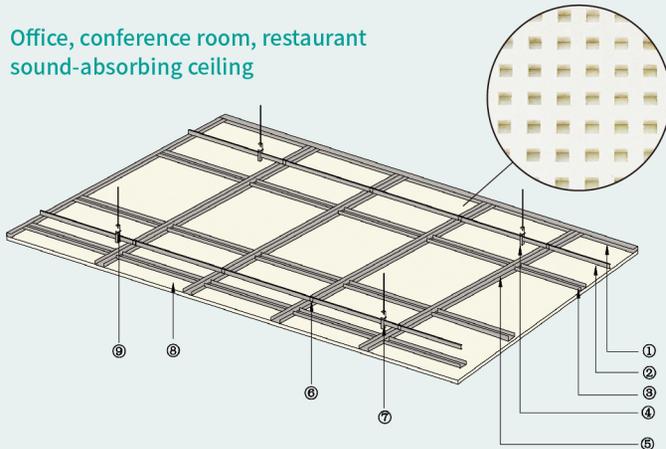
Corridor ceiling



- | | |
|----------------------------------|--|
| 1. JASON edge joist | 6. JASON hanger |
| 2. JASON load-bearing joist DU50 | 7. JASON hook |
| 3. JASON cross tee DC50 | 8. JASON 9.5 mm regular paper-faced plasterboard |
| 4. JASON hook | 9. Crossbar screw |
| 5. JASON main tee DC50 | |

Other auxiliary materials:
 JASON self-tapping screw, JASON anti-cracking joint tape,
 JASON caulking gypsum powder, JASON skimming compound,
 anchor bolt kit

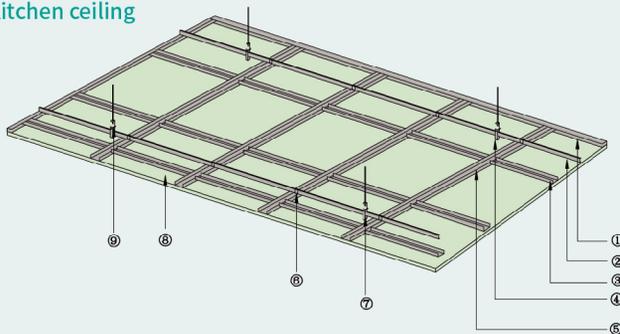
Office, conference room, restaurant sound-absorbing ceiling



- | | |
|----------------------------------|---|
| 1. JASON edge joist | 6. JASON hanger |
| 2. JASON load-bearing joist DU50 | 7. JASON hook |
| 3. JASON cross tee DC50 | 8. JASON 12 mm regular paper-faced plasterboard |
| 4. JASON hook | 9. Crossbar screw |
| 5. JASON main tee DC50 | |

Other auxiliary materials:
 JASON self-tapping screw, JASON anti-cracking joint tape,
 JASON caulking gypsum powder, JASON skimming compound,
 anchor bolt (kit)

Kitchen ceiling



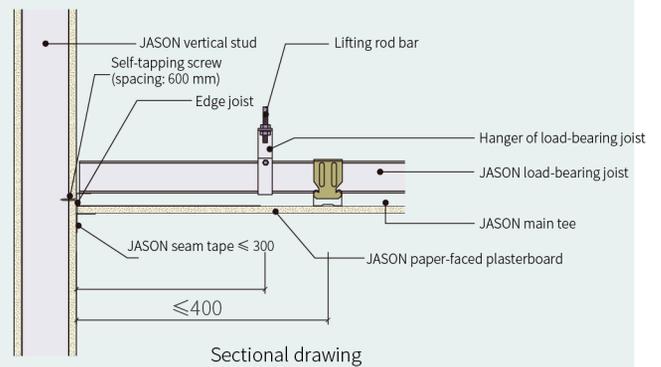
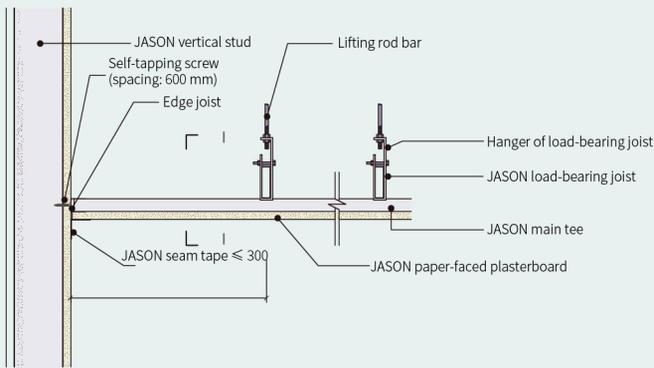
- | | |
|----------------------------------|---|
| 1. JASON edge joist | 6. JASON hanger |
| 2. JASON load-bearing joist DU50 | 7. JASON hook |
| 3. JASON cross tee DC50 | 8. JASON 12 mm regular paper-faced plasterboard |
| 4. JASON hook | 9. Crossbar screw |
| 5. JASON main tee DC50 | |

Other auxiliary materials:
 JASON self-tapping screw, JASON anti-cracking joint tape,
 JASON caulking gypsum powder, JASON skimming compound,
 anchor bolt (kit)

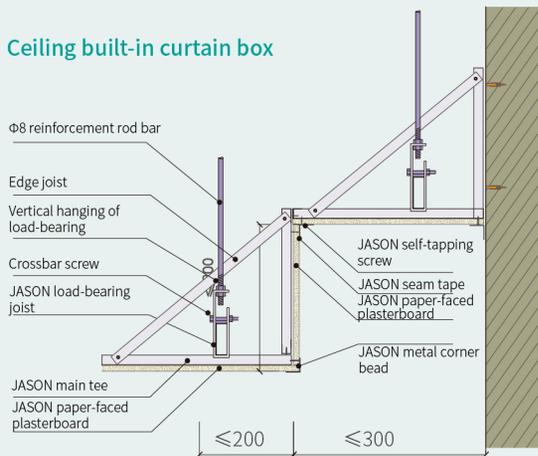
JASON Ceiling System



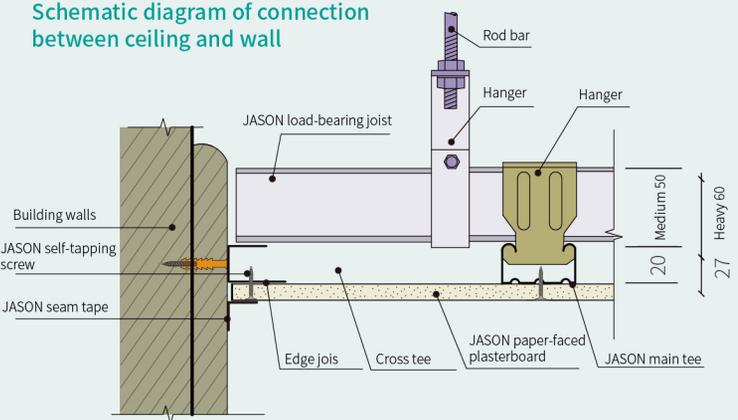
Schematic Diagram of the Connection Between Ceiling and Plasterboard Wall



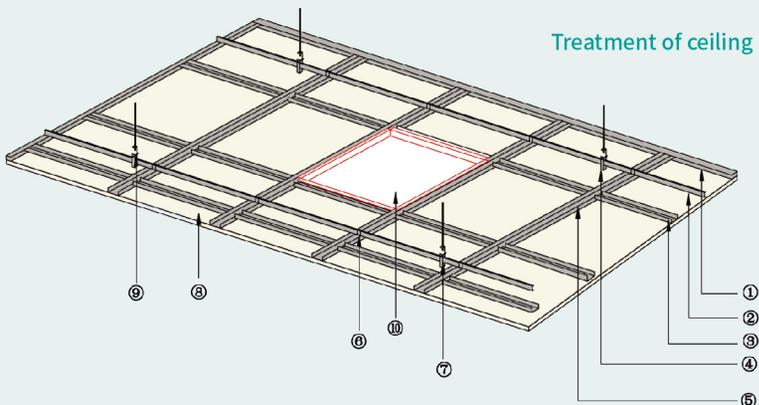
Ceiling built-in curtain box



Schematic diagram of connection between ceiling and wall



Treatment of ceiling access panel



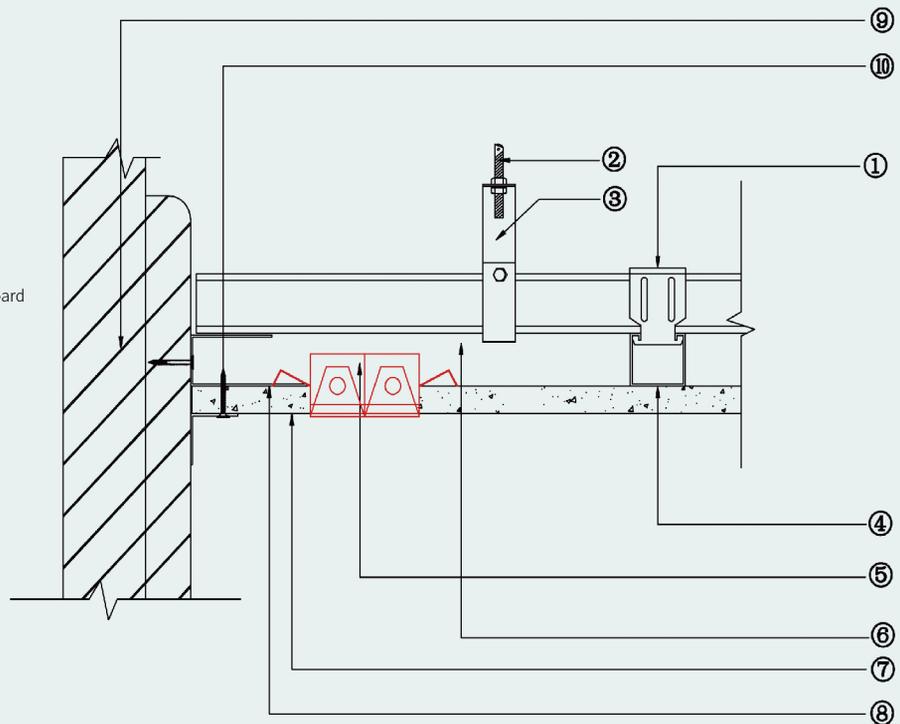
1. JASON edge joist
2. JASON load-bearing joist
3. JASON cross tee
4. JASON hook
5. JASON main tee
6. JASON hanger
7. JASON hook
8. JASON bluestone board
9. Crossbar screw
10. Edge joist - access panel

Other auxiliary materials:
 JASON self-tapping screw, JASON anti-cracking joint tape,
 JASON caulking gypsum powder, skimming compound,
 anchor bolt (kit)

JASON Ceiling System



1. Hanger
2. Rod bar
3. Hanger
4. JASON main tee
5. Grille lamp
6. JASON cross tee
7. JASON regular paper-faced plasterboard
8. Edge joist
9. Building walls
10. JASON self-tapping screw



JASON Ceiling System Construction Technology

Plasterboard surface decoration

When using heavier vinyl wallpaper, it is necessary to consult the manufacturer for relevant information to facilitate the construction of the base coating.

Safety and health during the installation

- The installation of JASON ceiling system shall be safe and healthy.
- Both plasterboard and light steel joist shall be cut to the required length in a good environment, and attention shall be paid to the fact that the corners of the light steel joist may be relatively sharp, and the corresponding protective tools shall be used.



Treatment of plasterboard surfaces

• Joint treatment

JASON provides a series of joint products including JASON sealant, JASON metal corner protection paper tape. Users can choose different joint materials based on the required construction speed, the convenience of installation and the characteristics of construction.

• Plastering

Plasterboard surfaces can be painted with 2-5 mm thick JASON skimming plaster compound.



Installation of plasterboard

- Commissioning and acceptance of internal pipes and equipment within the ceiling shall be completed prior to the installation of plasterboard.
- The plate shall be installed in a free state, and shall be fixed from the middle of the plate to the periphery of the plate.
- Install the sound insulation board from one end.
- Plasterboard must be installed perpendicular to the main tee.
- Plasterboard short edge joints shall be staggered and shall not form continuous seams.
- When installing double plasterboard, the joints of the upper and lower layers shall be staggered and shall not be jointed on the same joist.

- Self-tapping screws shall be embedded in the plasterboard surface at a depth of 0.5 mm-1 mm, without cutting the surface paper and exposing the plaster core. The nail holes shall be treated with rust prevention and filled with putty.
- Distance between paper-faced plasterboard screws and board edges: 10~15 mm for wedge edges and 15~20 mm for cutting edges.
- The distance between board edges is 150 mm, and the distance between boards is 200 mm.
- It is not suitable to install when the humidity in the room is too high.
- During installation, it is not advisable to place other materials on the plate to prevent damage to the paper surface and deformation under pressure.



Ceiling Example of installation



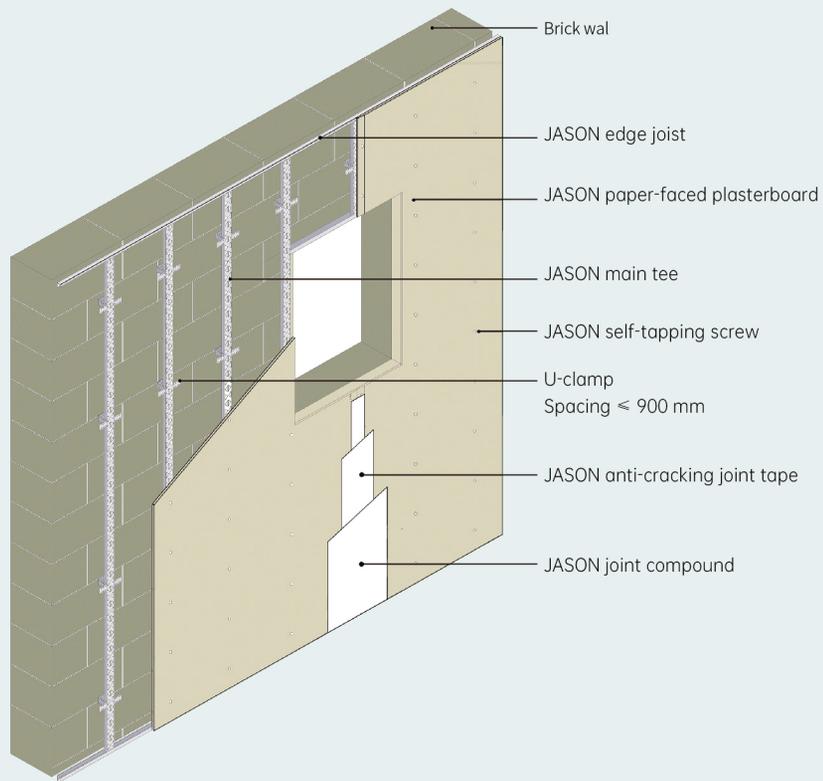
Ceiling system

- 01- Install the edge joist
- 02- Installation the rod bar and hook
- 03- Install the load-bearing joist
- 04 - Install the main tee



- 05- Install the cross tee
- 06 - Install the JASON plasterboard

JASON Metal Veneer Wall System



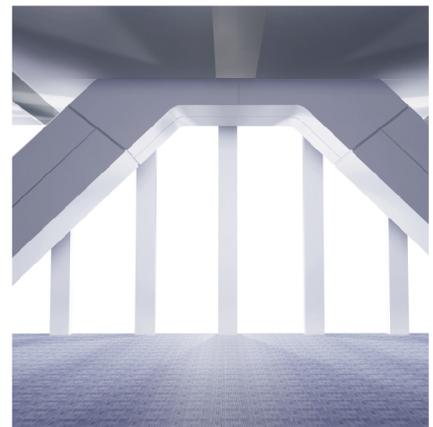
JASON metal veneer wall system



JASON Metal Veneer Wall

System introduction

JASON metal veneer wall system is suitable for interior wall decoration system in various types of buildings. It can be directly constructed and installed on various types of base course, without any base course preparation. It can effectively smooth the wall surface and has a certain degree of thermal insulation, sound absorption, and moisture resistance.



Construction technology of metal veneer wall

- Adjust the unevenness of the rough wall within 100 mm, and flatten the wall.
- Use edge joist as top and ground joist to install on the ceiling and ground.
- Various pipelines can be laid in the cavity, and when the cavity is small: the junction box is directly embedded in the wall. When the cavity is large: the edge joist shall be installed in advance at the installation position of the junction box. Fix the junction box to the upper and lower joist with screws. Fix the edge joist on the vertical stud.
- When hanging heavy objects on the wall: the parallel steel plates are fixed on the vertical stud with flat head screws, and the hanging objects are fixed with bolts.
- The thickness of the veneer wall can be adjusted between 20-125 mm with a fixing clip or mounting clip.
- It is an effective treatment method for internal insulation of external walls.

System advantages

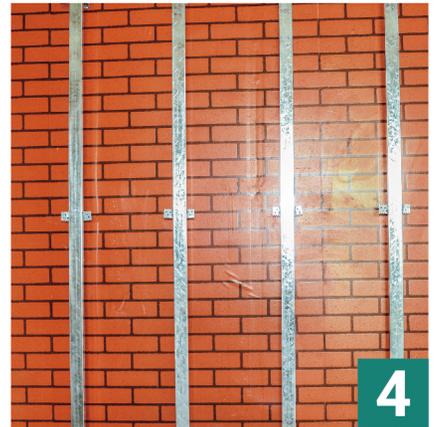
- The work progress is greatly improved by omitting the base course preparation and adopting the method of dry operation.
- Various pipelines can be laid in the wall cavity.
- Insulation materials may be added to the wall cavity as required to provide external wall insulation.

Wall thickness	Fireproof time (h)
62	1/3



Metal veneer wall system

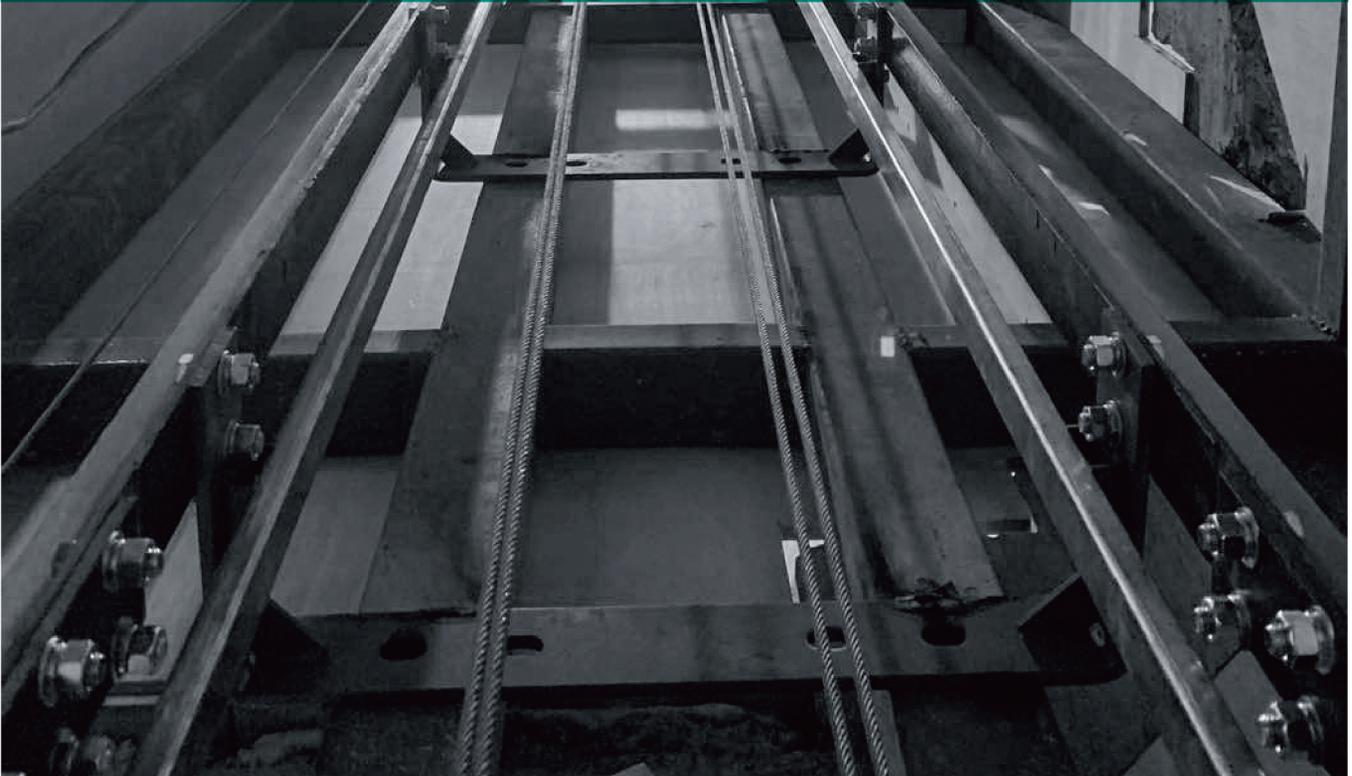
- 01- Install the edge joist
- 02- Installation of U-clamp
- 03- Installation of main tee
- 04- Installation of metal veneer wall frames



- 05 -Installation of JASON plasterboard in a vertical position on the joist
- 06 -Joint treatment with joint tape and joint compound



JASON Metal Veneer Wall System



Introduction of the JASON liftway system

JASON liftway system is a non-load-bearing system formed by JASON plasterboard fixed on a special designed light steel joist frame. JASON elevator liftway system and its equipment pipe liftway system offer advantages mainly in construction, as installation work can be carried out on the liftway side without the need for scaffolding in the liftway, thus saving costs. Plasterboard joints on the outside of the liftway wall shall be treated with joint tape and joint sealant or fittings to provide a more perfect decorative surface than the traditional method. Plasterboard on the liftway side does not require a decorative panel finish.

System characteristics

- Good fireproof performance
- Good moisture resistance
- Good sound insulation
- Good heat preservation and insulation performance
- Convenient construction and installation that can be installed on one side of the liftway.

Scope of application

- Elevator liftway
- Line wells
- Parts that cannot be constructed normally
 - Those involving structural overhangs, various liftways, and the inside of the curtain wall cannot be carried out due to their small building surfaces.
- Sites with special needs (strength, height)
 - High lateral loads, heights over 5.5m (temperatures >55°C will cause change in the internal physical properties of the plasterboard, and continuous humidity above 100% will reduce the durability of the plasterboard).

Liftway System

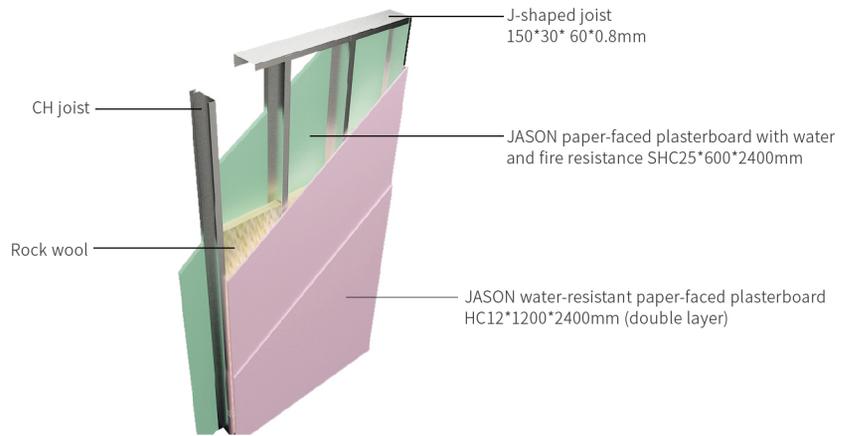


Problems with traditional liftway:

- Increase the self-weight of the structure.
- Scaffolding construction is required inside the liftway.
- The mortar or other waste that falls to the bottom of the liftway needs to be cleaned.
- Construction schedule cannot be delayed in winter.
- Surface decoration must wait for the concrete to dry or be affected by the moisture in the building.

Advantages of JASON liftway:

- No need for blocks or concrete, avoiding issues such as elevator transport, waste transport, and surface plastering.
- It can be installed on any floor.
- Installation in the building without scaffolding is not affected by construction progress.
- Significantly simpler than existing construction methods.
- Construction speed increased by 25 times.
- Dry work, flexible walls to avoid piston effect.



JASON Liftway System Application

Performance table for JASON liftway partition wall:

Name	Wall thickness (mm)	Joist size (mm)	Plasterboard thickness (mm)	Rock wool thickness(mm)	Sound insulation (dB)	Fireproof limit (h)
Liftway partition wall	74	CH50*1.0	12+12+25	50	45	2
	99	CH75*1.0	12+12+25	50	47	2
	120	CH75*1.0	15+15+15+25	50	52	3
	124	CH100*1.0	12+12+12+12	50	50	2
	136	CH100*1.0	12+12+12+25	50	53	3

JASON System Ratio Table

Calculation of materials

Material ratio table for standard plasterboard partition wall system (this ratio table is theoretical and does not include losses during installation)

Name of material	Specification	Unit	Metal wall	Single row with single layer	Single row with single layer	Single row with double layer	Single row with double layer	Double row with single layer	Double row with single layer	Double row with double layer	Double row with double layer
			@600mm	@400mm	@600mm	@400mm	@600mm	@400mm	@600mm	@400mm	@600mm
JASON plasterboard	1200*3000	m ²	1	2	2	4	4	2	2	4	4
JASON plasterboard	1200*2400	m ²	1	2	2	4	4	2	2	4	4
JASON top and bottom U-tracks	QU100/75/50	m	0.7	0.7	0.7	0.7	0.7	1.4	1.4	1.4	1.4
JASON C-shaped vertical stud	QC100/75/50	m	1.8	2.6	1.8	2.6	1.8	5.2	3.6	5.2	3.6
JASON through joist	DU38	m		0.4	0.4	0.4	0.4	0.8	0.8	0.8	0.8
Support piece		只		0.9	0.6	0.9	0.9	1.8	1.2	1.8	1.2
Self-tapping screw	3.5*25	个	15	27	22	16	8	27	22	16	8
Self-tapping screw	3.5*35	个				26	22			26	22
Expansion screw or shooting nail		个	1.1	1.5	1.5	1.5	1.5	3	3	3	3
JASON anti-cracking joint tape		m	1.7	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
JASON caulking gypsum powder		kg	0.3	0.6	0.6	1.2	1.2	0.6	0.6	1.2	1.2
Batch powder		kg	1	2	2	2	2	2	2	2	2
Sealing gasket		ml	33.4	33.4	33.4	33.4	33.4	66.8	66.8	66.8	66.8

Material ratio table for plasterboard ceiling system (this ratio table is theoretical and does not include losses during installation)

Joists 50 & 9.5 waterproof plasterboard ceilings				
Serial No.	Name of material	Specification and model	Traditional ceiling (400 spacing)	Unit Remarks
1	JASON waterproof paper faced plasterboard	9.5*1200*2400 mm	1	m ²
2	JASON load-bearing joist	DU50*15*1.2 mm	0.9	m ²
3	JASON main tee	DC50*19*0.5 mm	2.4	m ²
4	JASON cross bracing joist	DC50*19*0.5 mm	1.35	m ²
5	JASON edge joist	20*20*30 mm	0.4	m ²
6	Anchor Bolt (Kit)	8 mm	0.9	Piece
7	Full-tooth rod bar	8 mm	Determined by the depth of the ceiling	m
8	Nut (including gasket)	Set	1.8	Piece
9	Through-hole screw	5*30 mm	0.9	Piece
10	Large crane	50 large crane	0.9	Piece
11	Medium crane	50 medium crane	2.2	Piece
12	Bracket	50 brackets	6.8	Piece
13	Load-bearing joist extension	50 main connection	0.27	Piece
14	Negative bone extension	50 negative connection	0.75	Piece
15	Self-tapping screw	3.5*50	32	Piece
16	JASON anti-cracking joint tape	75	1.7	m
17	JASON caulking gypsum powder	20	0.4	kg
18	Batch powder	20	1.5	kg

Gypsum Plaster

Construction steps

Step 1: Base course preparation

Clean debris such as dust, oil stains, grease and isolates from the base surface; The concave-convex parts and holes on the base course shall be levelled and secured; The base course shall be watered and wetted in advance, and there shall be no open water on the surface before plastering; Corner protectors for walls, doors, windows, and columns should be done first.

Step 2: Wall pasting cake and reinforcing bars

Use a laser level, an aluminum alloy guiding rule, a tape measure and combine it with the floor positioning line to make the four ash cakes above and below the two ends of the wall, and pull through the line to make the ash cake in the middle. Punch the ribs with JASON Gypsum Plaster according to the thickness of the two ash cakes at the top and bottom of the wall.

Step 3: Sprinkle water evenly on the wall, and pull the net at the groove at the junction of different substrates.

Step 4: Prepare slurry and scrape it onto the wall.

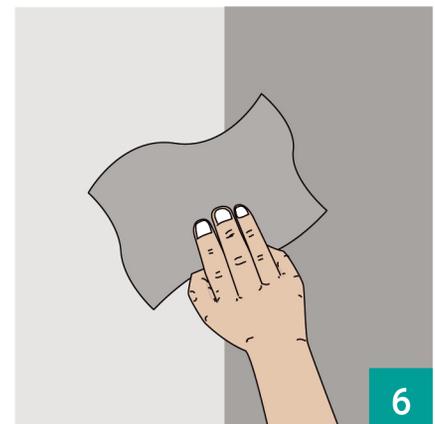
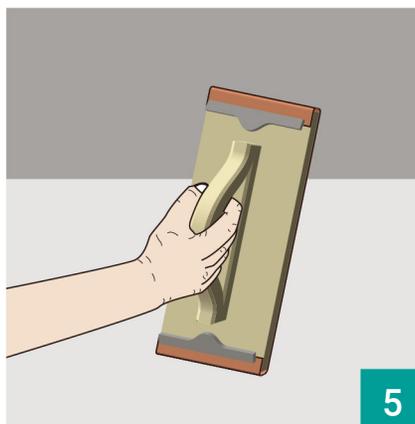
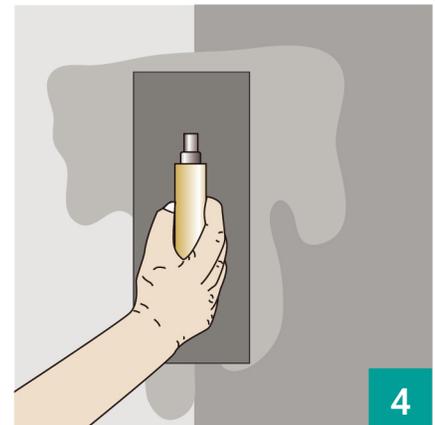
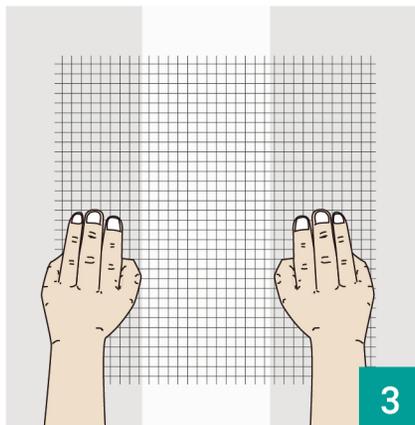
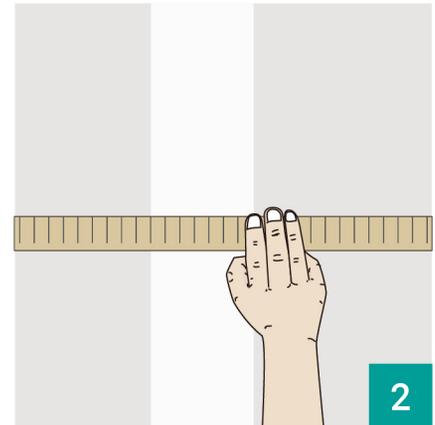
Manual plastering shall be carried out according to the thickness of the wall punching. The first time shall be applied vertically and pressed hard with JASON Gypsum Plaster, and the second time shall be applied horizontally.

Step 5: Scrape, compact and calender.

Use an aluminum alloy guiding rule to close to the surface of the punching to scrape JASON gypsum plaster flat. Use a trowel to scrape small areas flat, and repair the local unevenness after the second drying. Calendering shall be done before the final setting, and the calendering time shall be appropriately controlled until the fingers can press on the surface without obvious indentation. Check the flatness of the wall with a guiding rule at any time, and keep it well ventilated after calendering to avoid water scouring the finish.

Step 6: Check and clean up.

When plastering with gypsum plaster and mortar, the floor plaster shall be cleaned in time so as to repair the reserved holes, water and heating electrical trough boxes, and the back of pipelines. After the construction is completed, the plastering and mortar tools used for gypsum plaster shall be cleaned in time.



JASON' s Project Cases





Shenzhen Stock Exchange

Material Name:
 JASON Standard Paper-faced Plasterboard
 JASON Fireproof Paper-faced Plasterboard
 Material Quantity:150,000 Square Meters



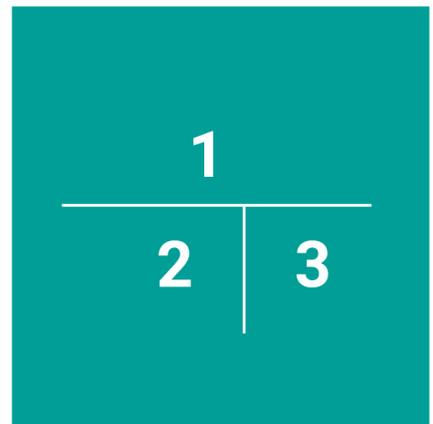
Sanya Beauty Crown Big Tree Mansion

Material Name:
 JASON Standard Paper-faced Plasterboard
 Material Quantity:25,000 Square Meters



The Hong Kong University - Shenzhen Hospital

Material Name:
 JASON Waterproof Paper-faced Plasterboard
 Material Quantity:100,000 Square Meters
 Joist Quantity:100,000 Meters
 Material Purpose:Ceiling





4

Hangzhou Customs Building

Material Name:
 JASON Standard Paper-faced Plasterboard
 Material Quantity:15,000 Square Meters



5



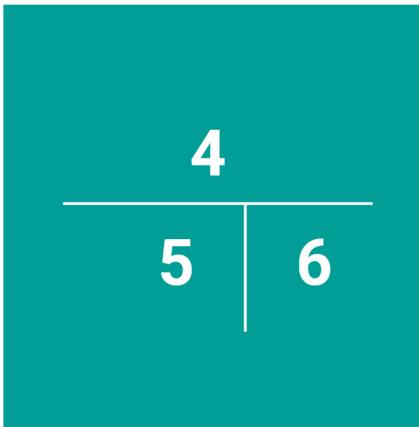
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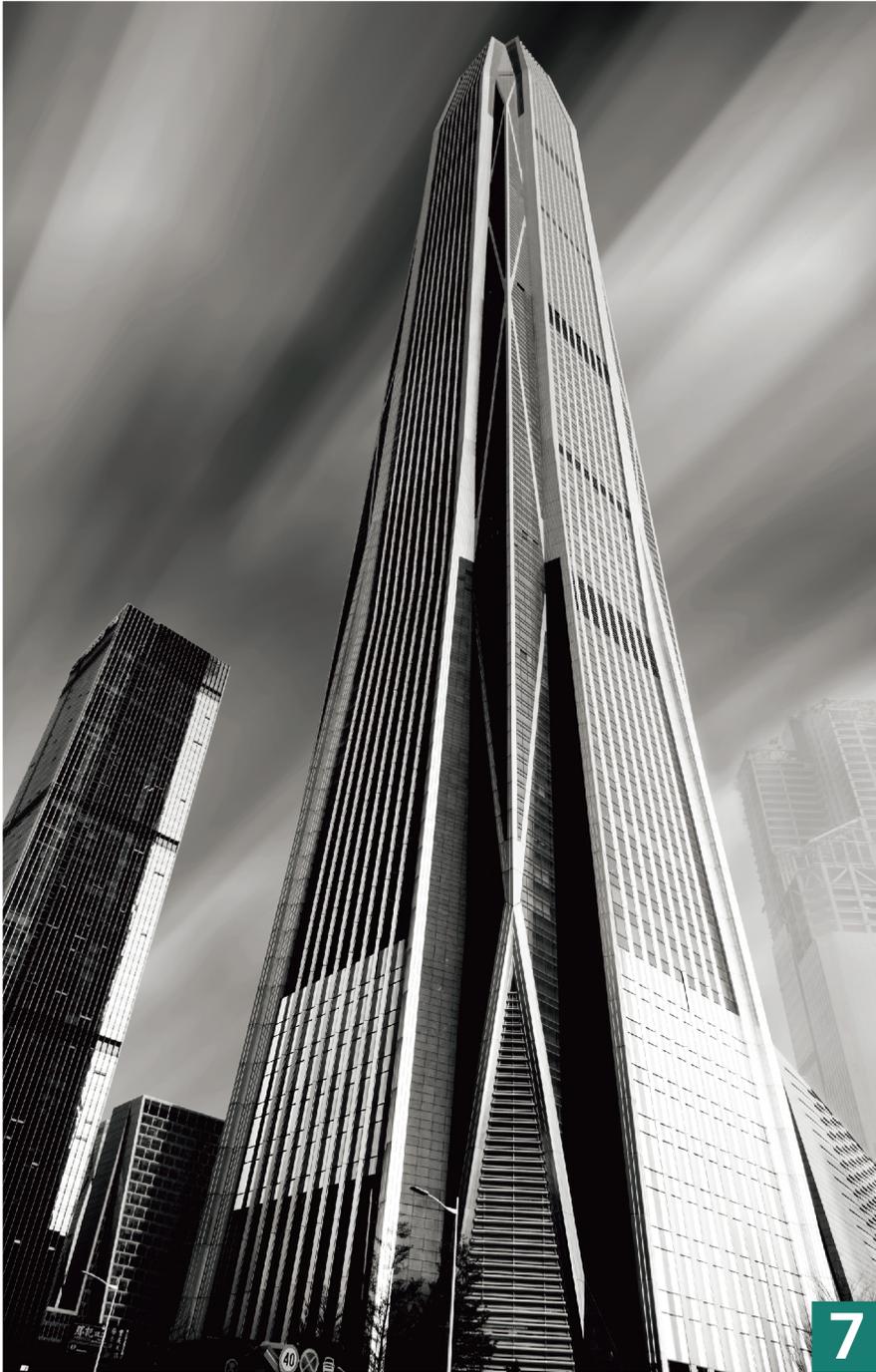
Maanshan Olympic Sports Center

Material Name:
 JASON Standard Paper-faced Plasterboard
 Material Quantity:35,000 Square Meters

Wenzhou Airport

Material Name:
 JASON Standard Paper-faced Plasterboard
 JASON Waterproof Paper-faced Plasterboard
 JASON Light Steel Joist
 Material Quantity:10,000 Square Meters
 Joist Quantity:
 13,000 Meters



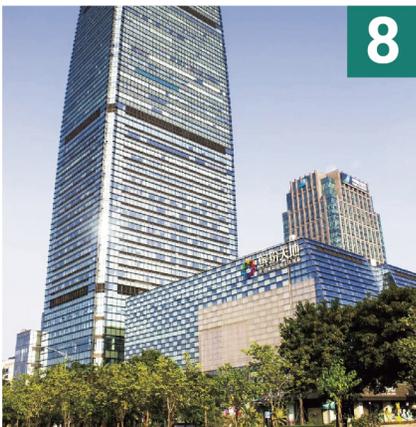
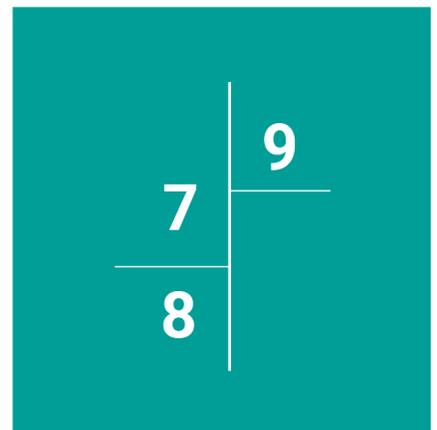
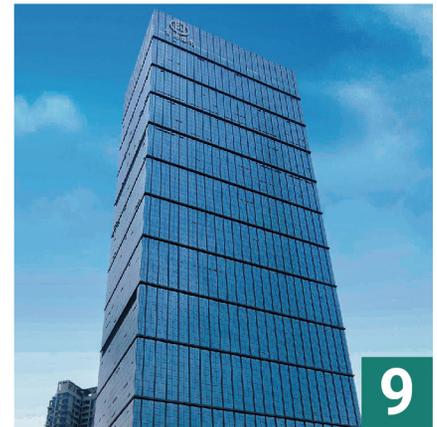


Shenzhen Ping An Finance Center

Material Name:
 JASON Standard Paper-faced Plasterboard
 Material Quantity:10,000 Square Meters

Shenzhen Sino Life Building

Material Name:
 JASON Standard Paper-faced Plasterboard
 Material Quantity:40,000 Square Meters



Guangzhou Baiyun Greenland Center

Material Name:
 JASON Standard Paper-faced Plasterboard
 Material Quantity:120,000 Square Meters



Harbin Bank Headquarters Building

Material Name:
 JASON Plasterboard System Product
 Material Quantity:115,000 Square Meters
 Joist Quantity:120,000 Meters



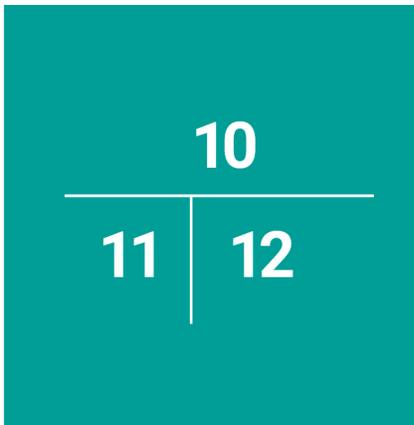
Harbin Wanda Plaza

Material Name:
 JASON Standard Paper-faced Plasterboard
 Material Quantity:20,000 Square Meters



Fourth Affiliated Hospital of Harbin Medical University

Material Name:
 JASON Standard Paper-faced Plasterboard
 Material Quantity:40,000 Square Meters



DoubleTree by Hilton Anhui – Suzhou

Material Name:

JASON Standard Paper-faced Plasterboard

JASON Waterproof Paper-faced Plasterboard

JASON Light Steel Joist

Material Quantity:120,000 Square Meters

Joist Quantity:300,000 Meters



13



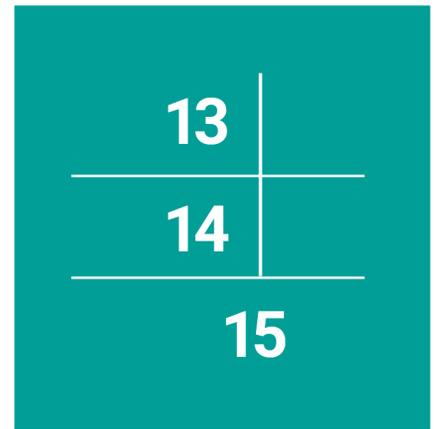
14

Changchun Vanke Park Residence

Material Name:

JASON Standard Paper-faced Plasterboard

Material Quantity:30,000 Square Meters



15



16 | 17

18

Wujiang Chang' an Mansion

Material Name:
JASON Standard Paper-faced Plasterboard
Material Quantity:40,000 Square Meters



Chongqing Longfor Spring Shore

Material Name:
JASON Standard Paper-faced Plasterboard
Material Quantity:20,000 Square Meters



Chengdu Icon Yunduan Tower Project CCEC

Material Name:
JASON Standard Paper-faced Plasterboard
JASON Fireproof Paper-faced Plasterboard
JASON Quiet Acoustic Panel
JASON Accessories
Material Quantity:500,000 Square Meters
Joist Quantity:80,000 Meters
Accessory Quantity:100,000 Pieces





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21

Shangri-La Shenzhen Hotel

Material Name:

JASON Standard Paper-faced Plasterboard

JASON Moistureshield Paper-faced Plasterboard

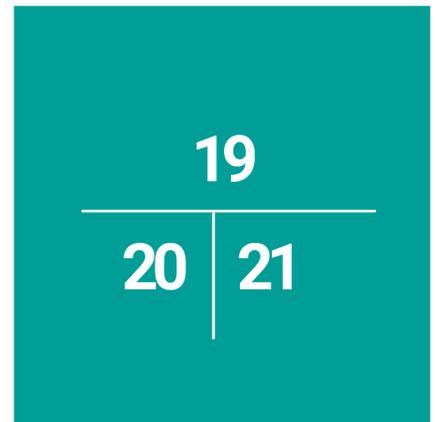
Material Quantity:20,000 Square Meters

Shanghai Minghang Library

Material Name:

JASON Waterproof Paper-faced Plasterboard

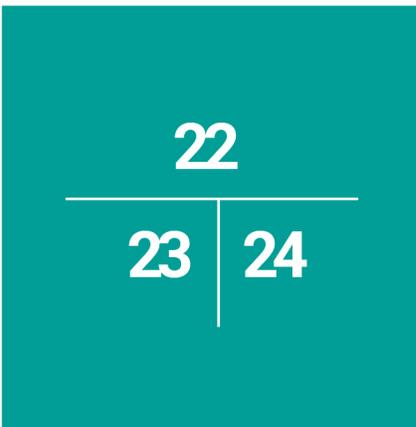
Material Quantity:40,000 Square Meters





Zhengzhou Jinyi Huadu

Material Name:
 JASON Standard Paper-faced Plasterboard
 Material Quantity:100,000 Square Meters



**Chongqing Hutchison Whampoa
 Cape Coral**

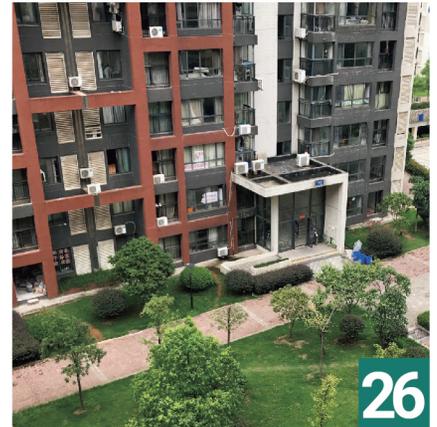
Material Name:
 JASON Standard Paper-faced Plasterboard
 Material Quantity:16,000 Square Meters

25 | 26

27

Changsha CITIC New Town

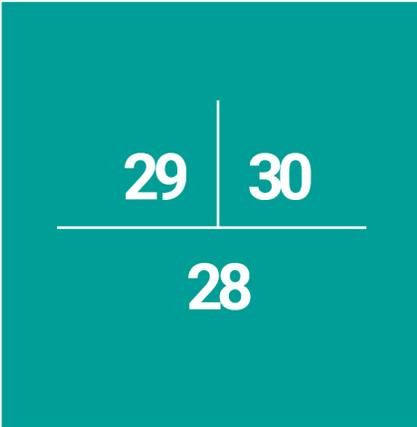
Material Name:
JASON Standard Paper-faced Plasterboard
JASON Light Steel Joist
Material Quantity:50,000 Square Meters



Beijing Haidian District Cultural Center

Material Name:
JASON Waterproof Paper-faced Plasterboard
Material Quantity:10,000 Square Meters





Maanshan Wanda Plaza

Material Name:
 JASON Standard Paper-faced Plasterboard
 Material Quantity:80,000 Square Meters



29

Dongguan Evergrande Imperial Lake

Material Name:
 JASON Standard Paper-faced Plasterboard
 Material Quantity:50,000 Square Meters



30

Boluo Movie Theater

Material Name:
 JASON Standard Paper-faced Plasterboard
 Material Quantity:40,000 Square Meters



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Jason Plasterboard

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13F, Shuanggao World Trade Plaza, No. 35 of Lane 800, Meijiabang Road,
Songjiang District, Shanghai

Manufacturing Bases:

No. 1000 Haihe Road, Dushan' gang District, Pinghu City, Zhejiang Province

Haibin Industrial Area, Renshan Town, Huidong County, Huizhou City, Guangdong

No. 2358 Qunying Street, North Area, Jiutai Economic Development Zone, Changchun City, Jilin Province

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