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CEILING&PARTITION

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PANDA

佩达 PEIDA Super
CEILING&PARTITION

广州佩达商贸发展有限公司
GUANGZHOU PANDA COMMERCIAL DEVELOPMENT CO.,LTD.

PEIDA SUPBOARD
CEILING WALL&FLOOR

广州佩达商贸发展有限公司

About Us

Metal Profile

GUANGZHOU PANDA COMMERCIAL DEVELOPMENT CO.,LTD.
http://www.pandamanufacturer.com/METAL_FRAME



GUANGZHOU PANDA COMMERCIAL DEVELOPMENT CO.,LTD. is a professional manufacturer integrating development and production.It was established in 2007 and 20+ years exporting experience in the **Metal Profiles**

The **Metal Profiles** is subjected to stringent quality control measures.Our company with ISO9001:2015 quality management system certification. In addition, Annual production capacity reaches 50000 meters of **Metal Profiles**

Company Culture:

1) Quality Concept: Honest, Perfect
2) Management Philosophy: Excellent Employees, Model Enterprises
3) Service concept: unremitting pursuit of perfection
4) Marketing Concept: Quality creates brand, manages open market.
5) Competition Concept: A market without competitors is a market without a future. Respecting your opponent is protecting yourself
6) Corporate mission: promote healthy living and build green homes.
7) Corporate purpose: Environmental protection

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Certificate:









PEIDA SUPBOARD
CEILING WALL&FLOOR

Directory

Metal Profile



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PHYSICAL PROPERTY

Item	Normal Value	Test Value	Single Judge
Appearance	Appearance must be clean-cut, incision should not have deformation	Qualified	Qualified
Two-sided Galvanized Thickness	⩾14μm	14μm	Qualified
Side Straightness	⩽1.5mm/1000mm	0.7mm/1000mm	Qualified
Underside Straightness	⩽1.5mm/1000mm	0.8mm/1000mm	Qualified
Angle and Tolerances	⩽ 1°30’	⩽ 1°15’	Qualified
Inside Radius	⩽2.00mm	1.67mm	Qualified
Static Load Tests	Loading Deflection not more than 4.0mm; Residual Deformation not more than 1.0mm	Loading Deflection is 3.4mm; Residual Deformation is 0.7mm	Qualified

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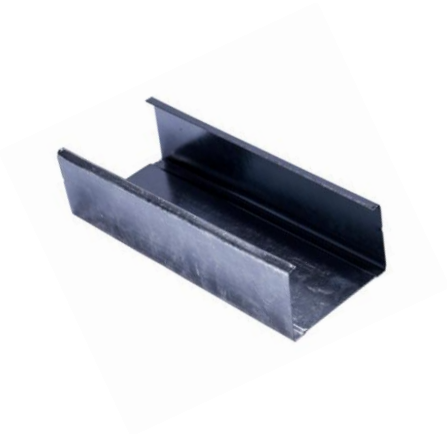
METAL DRYWALL GALVANIZED STEEL PARTITION & SUSPENSION

STUD		1) Width:50/65/70/75/100mm
		2) Length:3000mm
		3) Height:25/30/35/38/40/45/46/50mm
		4) Thickness:0.3-1.0mm
		5) Other size as required
		6) Shockproof , fireproof, easy installation
TRACK		1)Width:50/65/70/75/100mm
		2)Length:3000mm
		3)Height:25/30/35/40/45/50mm
		4)Thickness:0.4-0.8mm
		5)Weight:50-275g

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Main Runner		1)Size:38*10/12mm,50*12/15mm,60*27mm
		2)Length:3000mm
		3)Thickness:0.4-1.2mm
		4)Galvanized: 50-275g
		5)Export the united Arab Emirates, Africa, many countries
Wall Angle		1)Size:,25*25mm,30*30mm
		2)Length:3000mm
		3)Thickness:0.4/0.45/0.5mm
		4)Packaging Details: In bulk
		5)The vertical of product is very good. According to need customized.

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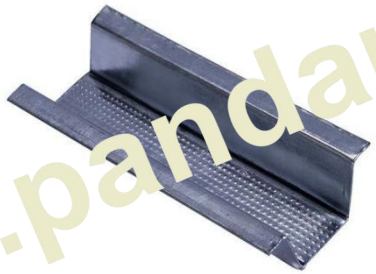
Corner Bead		1)Size: 30*30,25*25,20*20mm
		2)Length:3000mm
		3)Thickness:0.4/0.45/0.5mm
		4)Packaging :In bulk
		5)Galvanized 50-275g
Furring Channel		1)Width 38mm and 32mm
		2)Length:3000mm
		3)Height:22mm
		4)Thickness:0.4mm/0.5mm
		5)Furring channel has different sizes and professional designs.We can produce according tocustomer's requirement.

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Suspended Bar		1)Size:20*25mm/20*28mm/20*32mm
		2)Length:3000mm
		3)Thickness:0.6/0.7/0.8/0.9/1.0mm
		4)Packaging :In bulk
		5)Shockproof, fireproof, easy installation, environmental friendly.
Cross Runner		1)Size:50*12mm/50*19mm/60*27mm
		2)Length:3000mm
		3)Thickness:0.8mm,1.0mm,1.2mm/0.4mm,0.45mm,0.5mm/0.4mm,0.5mm/0.6mm
		4)Packaging:In bulk
		5)Shockproof, fireproof, easy installation, environmental friendly.

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Accessories

Overview	Item	Item No.	Overview	Item	Item No.	Overview	Item	Item No.
	Adjustable Hook Rod	AHR-01		Thread Rod	HB-06		Galvanized Wire	GW-01
	Furring Channel Clip	FC-01		Main Runner	MR-38		Connector of Main Runner	CM-38
					MR-50			
	Anchor	A		Sleeve Anchor	SA-06		Drop in Anchor	DIA-06
					SA-08			DIA-08
	Nut	N-06		Screw	S-06		Hanger	HD-38
		N-08			S-08			HD-50

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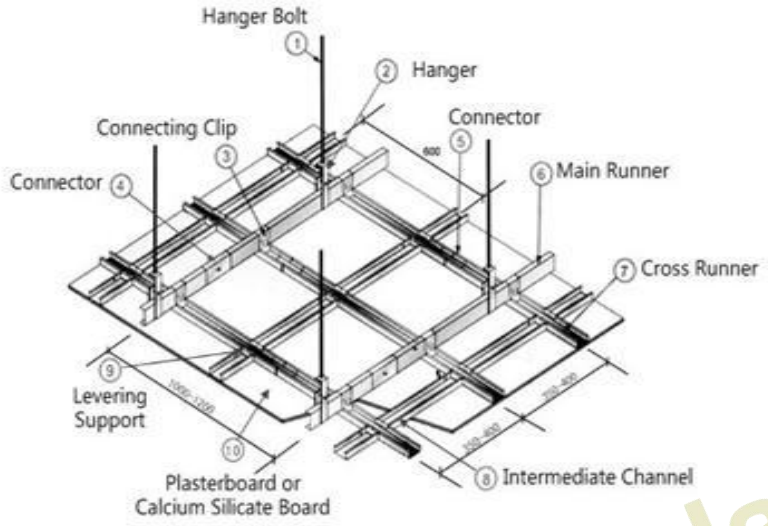
CEILING SYSTEM



The Ceiling System is a metal frame composed of high steel keel and accessories, and adopts drywall construction technology, which can bear a certain weight. Different ceiling systems can be selected according to different performance requirements







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Ceiling design:

1. Ensure that the ceiling infrastructure can bear the self weight of the ceiling system and other additional equipment

2. If filling materials are required, rock wool and glass wool with a density of no less than 60kg/m3 can be considered. Sound insulation cotton with different thickness can be selected according to the required sound insulation requirements

3. When installing the keel at the joint, both ends of the keel shall be fixed with screws on the gypsum board and then on the keel

Ceiling Installation Sequence

1. Snap line for positioning

Use a measuring ruler to draw the grading position line on the wall

2. Install side keel

The side keel shall be fixed by shooting nails. If there is no design requirement, the spacing of shooting nails shall be 1000mm

3. Install the suspender

Note that the distance between two suspenders shall not exceed 1200mm, and 900mm is recommended

4. Install bearing keel

Firstly, fix the angle keel and bearing keel with screws, match the suspender nuts, and install the hangers. Bearing keel spacing shall not exceed 1200mm, and 900mm is recommended

5. Install film cladding keel and cross brace keel

According to the spacing of the cross brace keel specified in the design, the cross brace keel is hung on the cladding keel through the hanger. If there is no design requirement, the general spacing is 600mm

(if the cross brace keel needs to be lengthened, the two opposite ends need to be connected with auxiliary keel connectors, and then fixed after straightening)

6. Open hole

The opening position shall be closed with side keel

The position of the opening shall avoid the bearing keel. If it is impossible to avoid, corresponding reinforcement measures shall be taken

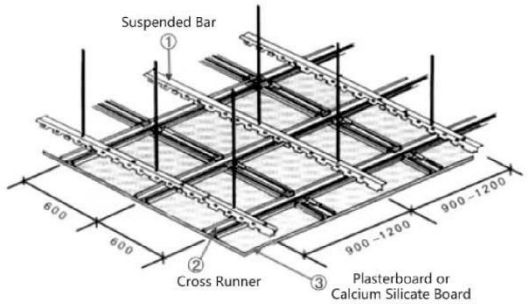
When the weight of the hanging object is large, an independent hanging cabinet shall be used

7. Installation of pipelines

In keel Various pipelines are installed in the system, and the next process can be continued only after the pipeline is accepted

8. Install filler

When there are requirements for sound insulation and fire protection, it can be filled with fillers, such as rock wool and glass wool





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7. Installation of pipelines

In keel various pipelines are installed in the system, and the next process can be continued only after the pipeline is accepted

8. Install filler

When there are requirements for sound insulation and fire protection, it can be filled with fillers, such as rock wool and glass wool

9. Installation of Gypsum board or PVC Ceiling Panel

10. Joint treatment

The panel joints should be clean and free of sundries, Fill the gap of the plate with caulking paste, press and plaster it tightly, and the thickness shall not be higher than the plate surface. Then paste the paper tape on the slab joint, scrape and compact it with a spatula, and there shall be no bubbles between the paper tape and the caulking paste.

The caulking paste shall be compacted so that the paper tape is buried in the caulking putty.
After the completion of the appeal process, let it stand and wait for it to solidify.

Cover the first joint with caulking. The width shall be at least 50mm wider than the first joint, and repeat twice.

After it solidifies, polish it gently with sandpaper to make it flat and consistent with the plate surface.





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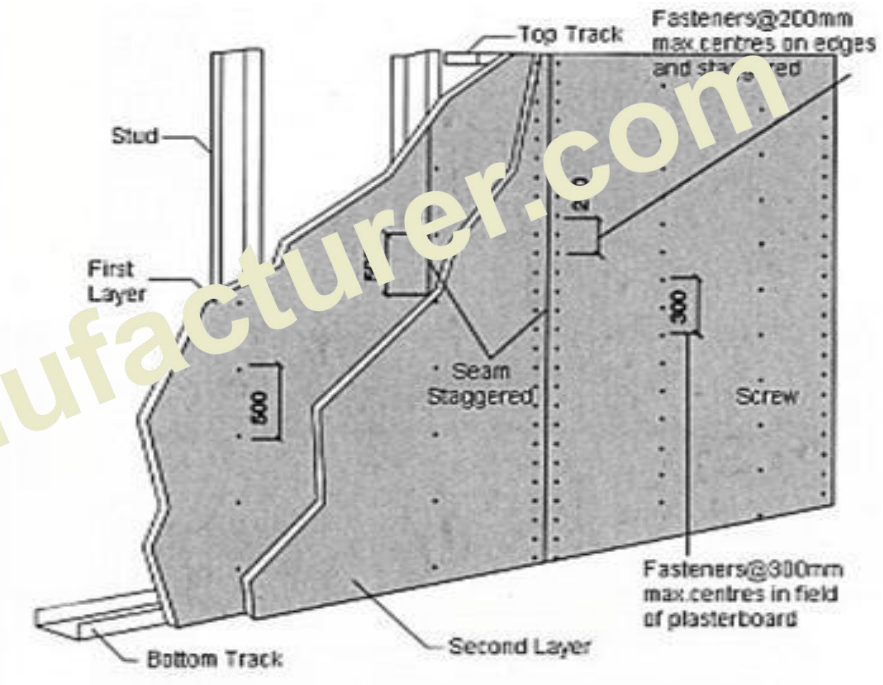
Patition System

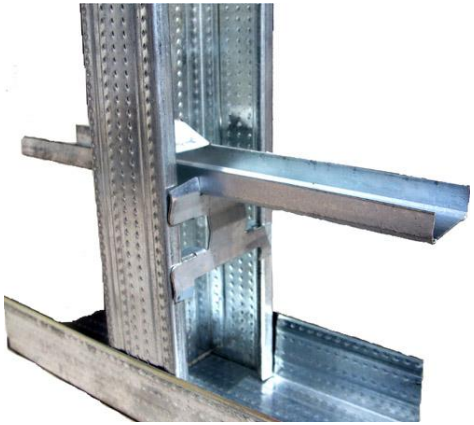
Light steel keel is widely used in luxury villas, high-end hotels, etc.. It is strong, durable and corrosion-resistant. It is also widely welcomed by the construction units and construction units in terms of price. It reduces the worry about quality during construction and frequent maintenance caused by material quality problems during use, and greatly reduces the construction cost and various troubles caused by maintenance during use.













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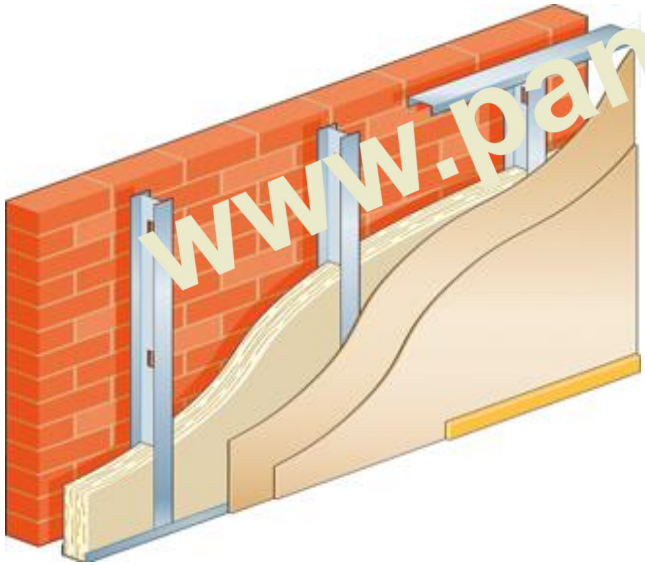
Wall Installation Sequence

1. Wall position setting out

Determine the location of the partition wall according to the decoration design drawing, snap the line on the ground for this location, and pull the snap line to the wall top and side wall.

2. Construction of skirting board

If there is a need for a skirting board, we should first clean the base course of the stair surface, brush the corresponding interface agent and pour concrete to maintain the flatness of the surface and keep both sides vertical at the same time. If there is a reinforced structure, it should be embedded first.







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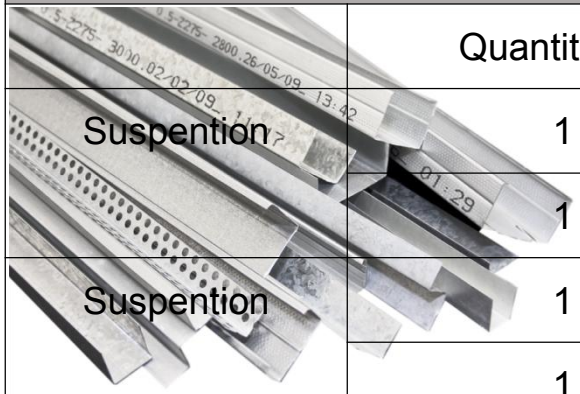
3. Install keels along the ground, top and side

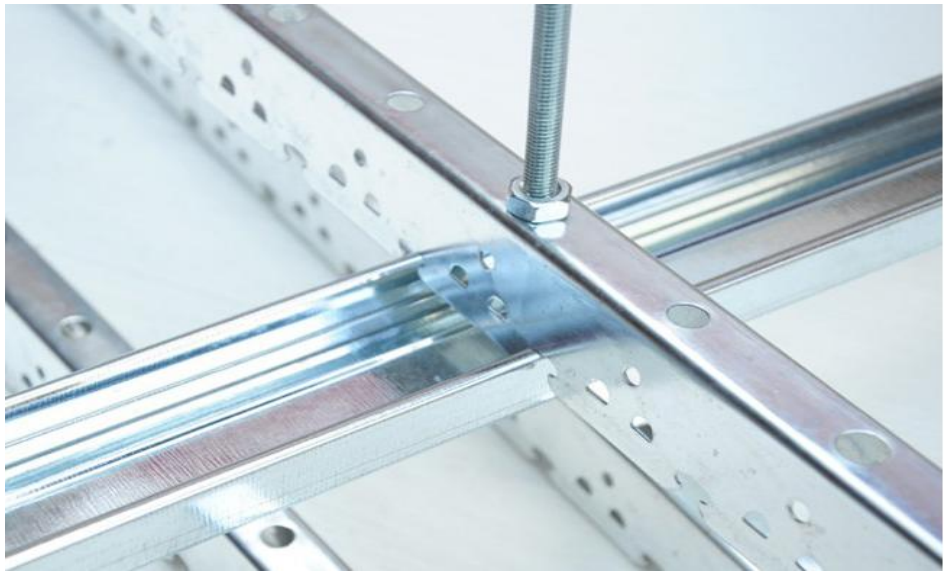
When connecting the keels, m5*35 nails are generally used to fix the keels and concrete. If the light steel keel is in contact with the surface of the building base, it must be sealed with rubber sealing strips on both sides of the keel contact surface, so that it can play the role of waterproof and sound insulation.

4. Vertical keel installation

The installation of the vertical keel shall be determined according to the width of the panel. If the panel is very wide, a horizontal keel can be added in the middle, the spacing shall not exceed 600mm, and sealing treatment shall also be carried out.

PROPORTION			
	Quantity for Board	Metal Frame Item	Quantity for Metal Frame
Suspention	1 SQM	Main Runner	1 meter
	1 SQM	Cross Runner	2.8 meter - 3.3 meter
Suspention	1 SQM	Suspended Bar	1 meter
	1 SQM	Cross Runner	2.8 meter - 3.3 meter
Partition	1 SQM	Stud	1 meter
	1 SQM	Track	0.5 meter





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QUALITY CONTROL

Decisive factors for the quality of light steel keel:

1. High quality steel strip;
2. Light steel keel forming equipment;
3. Thickness deviation of light steel keel steel strip;
4. Double side galvanizing amount of light steel keel;
5. Appearance quality;
6. Fine management of keel manufacturers









- *Appearance quality: the light steel keel shall have a flat shape and clear edges and corners*
- *The notch shall be free of burrs and deformation that may affect the use*
- *The galvanized coating shall be free of defects such as peeling, bumping and falling off.*
- *During the appearance quality inspection, the visual inspection shall be carried out under the bright light at the place 0.5m away from the product.*
- *The surface of light steel keel shall be galvanized for rust prevention*

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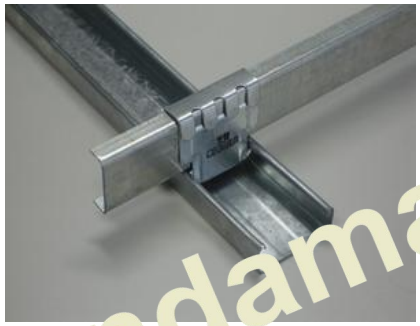
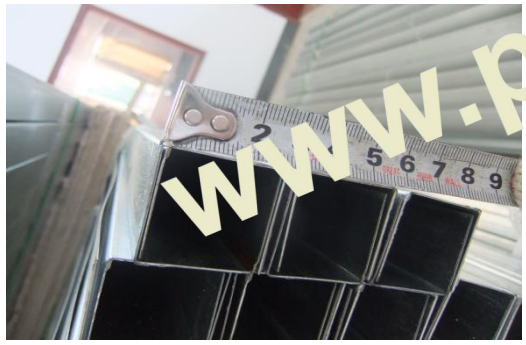
FACTORY





High Quality Production And Strict Control

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ONE-STOP SERVICE

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