



IMPROVE QUALITY
CHINA PREFABRICATED ENERGY-SAVING BUILDING SYSTEM

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Wisdom Builds Quality Future



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Interior Fit-Out Systems

Wisdom Builds Quality Future



SYSTEMATIC ADVANTAGES

Safe & Eco-Friendly: Seismic Resistance, Durability, High Strength, Functionality, System Integration, Corrosion Resistance, Resistance Acid & Alkali Resistance, Salt Spray Resistance, Easy to Clean, Easy to Dismantle

Easy Dismantling: Enables material recycling and rapid on-site reassembly

Space-Saving: Unlocking infinite possibilities through optimized spatial design

Custom Solutions: Personalized & diverse options tailored to client needs

Prefabricated Integrated Solutions: Comprehensive turnkey systems for efficient construction

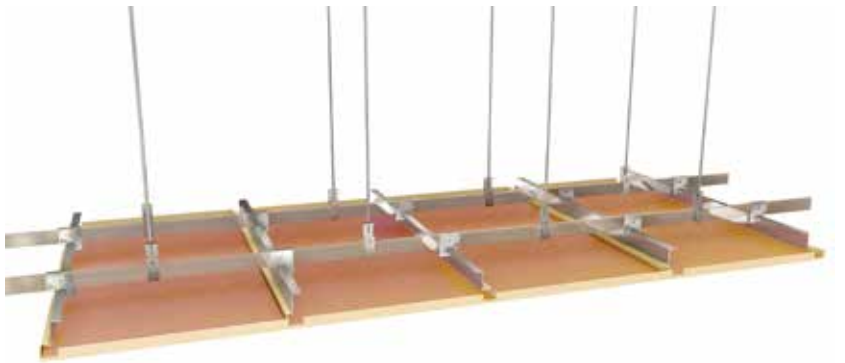
From product information and project consultation to large-scale production and on-site service support.
Every detail is refined to deliver comprehensive architectural decoration solutions for our clients.



Ceiling Systems

Precise Assembly, Stable Facade

Corrugated Metal Composite Ceiling



Project	Standard Specifications & Parameters
Material	Aluminum Sheet (3000 or 5000 Series)
Fire Rating	Class A (GB8624-2012)
Corrugation Height	8mm, 12mm (Customizable)
Dimensions	600×6000mm, 900×6000mm, 1200mm×6000mm (Custom sizes available)
NRC	0.7
Deformation Resistance	The air layer within the aluminum corrugated composite panel is divided into numerous sealed cells by the facings and the corrugated core. This unique structure delivers exceptional strength, hardness, and ultra-high stiffness—performance that traditional aluminum composite panels (ACP) and solid aluminum sheets cannot match.

Illustration for the joint



Honeycomb Metal Composite Ceiling



MC-H10 Interlocking Ceiling System

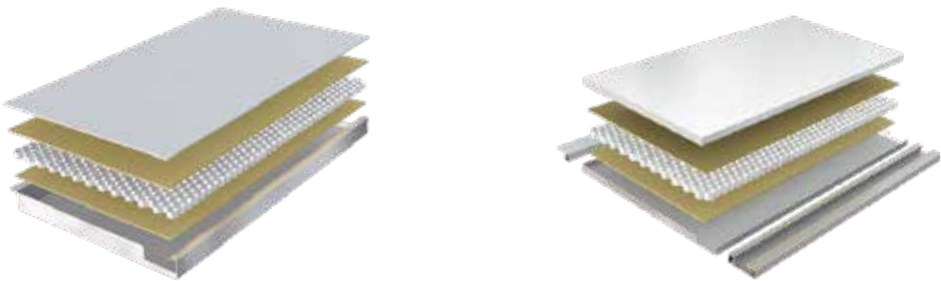


MC-HS10 Interlocking Ceiling System

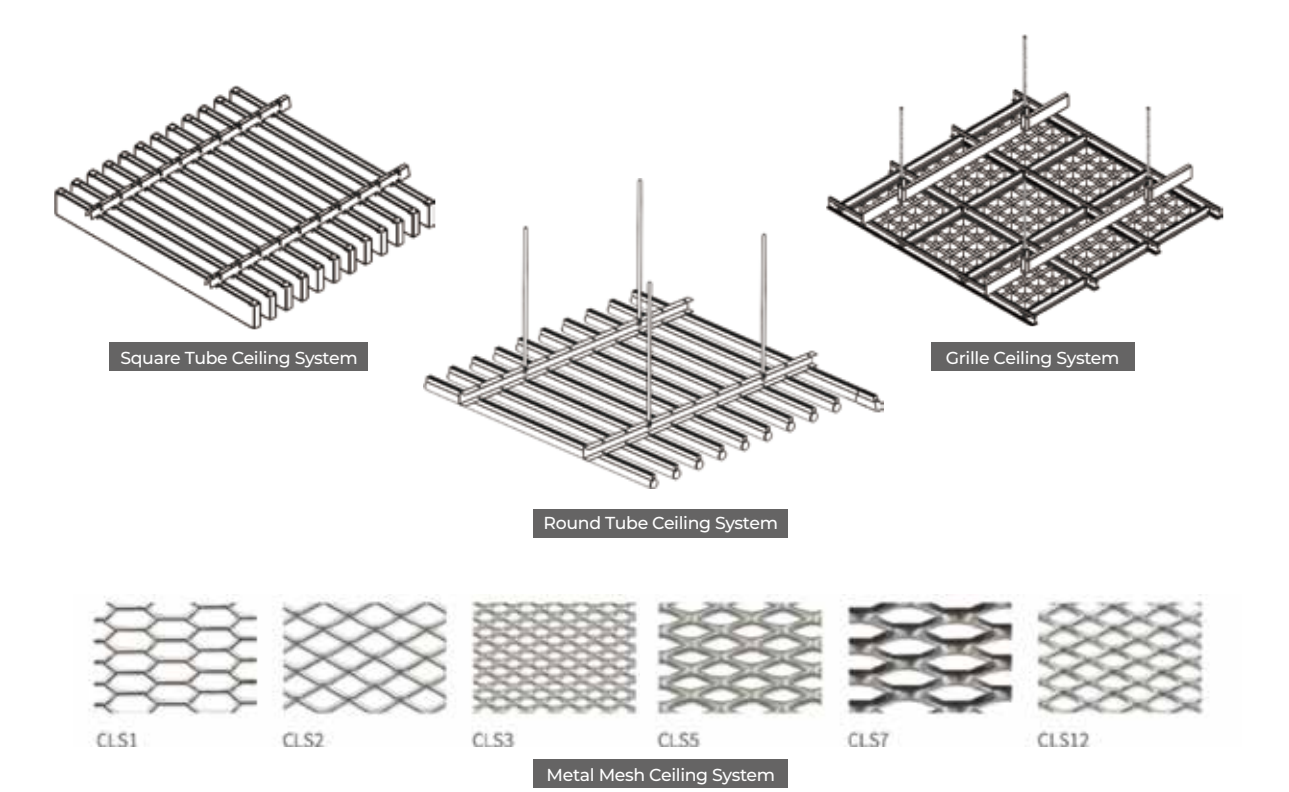
- Simple and stable installation structure with concealed suspension, enabling easy and convenient mounting and demounting.
- Unique hook-edge design on panel edges ensures precise joint alignment, resulting in tighter and smoother panel-to-panel seams.

Project	Standard Specifications & Parameters
Material	Aluminum Sheet / Steel Sheet
Fire Rating	Class A (GB8624-2012)
Corrugation Height	8.5mm, 13.5mm, 18.5mm, 23.5mm (Customizable)
Dimensions	600×6000mm, 900×6000mm, 1200mm×6000mm (Custom sizes available)
NRC	0.75
Deformation Resistance	Bending Stiffness: $2.45 \times 10^9 \text{ N} \cdot \text{mm}^2$ (Tested) Standard Requirement: $\geq 1.0 \times 10^9 \text{ N} \cdot \text{mm}^2$ (JC/T 2113-2012) Shear Stiffness: $4.91 \times 10^5 \text{ N}$ (Tested) Standard Requirement: $\geq 1.0 \times 10^5 \text{ N}$ (JC/T 2113-2012)

Illustration for the joint



Open-Cell Metal Ceiling



Project	Standard Specifications & Parameters		
	Color	Dimensions (mm)	Thickness (mm)
Square Tube Ceiling System	Custom	30×100, 50×100	Steel: 0.6, Aluminum: 0.8-1.2
Round Tube Ceiling System	White, Wood Grain	Φ30, Φ50	Aluminum Extrusion: 1.0, 1.2
Grille Ceiling System	Custom	600×600, 600×1200	Aluminum: 0.5
Shaped Ceiling Systems	Custom	Custom	Custom

Metal Mesh Ceiling System Model	Standard Specifications & Parameters			
	Open Area Ratio	Thickness (mm)	Dimensions (mm)	Weight (kg/m2)
CLS1	69%	2	13×50×2	1.68
CLS2	66.7%	2.2	15×30×2.5	1.81
CLS3	42.5%	2.0	8×16×2.3	3.2
CLS5	42.5%	2.5	16×38×4.6	3.9
CLS7	69.4%	2	17×51×2.6	1.65
CLS12	52.7%	2	11×25×2.6	2.56



Square Tube Ceiling System



Round Tube Ceiling System



Grille Ceiling System



Metal Mesh Ceiling System

Wall system

Precise Assembly, Stable Facade

Corrugated Metal Composite Wall Panels



PW-SC-S5 Snap-Fit Wall Panel System



PW-HC18-S1 Snap-Fit Wall Panel System



Project	Standard Specifications & Parameters
Material	Aluminum Sheet / Steel Sheet
Fire Rating	Class A (GB8624-2012)
Corrugation Height	12mm (Customizable)
Corrugated Core Material	Aluminum / Steel
Dimensions	W≤1200mm, L≤12000mm
Flatness	Achieves large-format panels with exceptional surface flatness, perfectly realizing grand, expansive, and fluid design visions.
Deformation Resistance	The air layer within the aluminum corrugated composite panel is divided into numerous sealed cells by the facings and the corrugated core. This unique structure delivers exceptional strength, hardness, and ultra-high stiffness—performance that traditional aluminum composite panels (ACP) and solid aluminum sheets cannot match.

Honeycomb Metal Composite Ceiling



Project	Standard Specifications & Parameters
Material	Aluminum Sheet / Steel Sheet
Fire Rating	Class A (GB8624-2012)
Honeycomb Core Height	8.5mm, 13.5mm, 18.5mm, 23.5mm (Customizable)
Dimensions	L≤12000mm
Deformation Resistance	Bending Stiffness: $2.45 \times 10^9 \text{ N} \cdot \text{mm}^2$ (Tested) Standard Requirement: $\geq 1.0 \times 10^9 \text{ N} \cdot \text{mm}^2$ (JC/T 2113-2012) Shear Stiffness: $4.91 \times 10^5 \text{ N}$ (Tested) Standard Requirement: $\geq 1.0 \times 10^5 \text{ N}$ (JC/T 2113-2012)

Illustration for the joint



PW-HB10 Suspended Wall Panel System



CW-FC-S1 Tongue-and-Groove Wall Panel System



CW-BC25-S15 Bolted Wall Panel System

Partition wall system

Precise Assembly, Stable Facade

Honeycomb Metal Composite Ceiling

- Unique double-stud framing design enhances overall skeleton rigidity for excellent mechanical performance.
- Built-in EPDM sealing strips ensure effective acoustic and air sealing.
- Closed-seam welding technology creates tighter and more stable connections.
- Accommodates various wall thicknesses by configuring different stud connector profiles—reducing material usage compared to integrated stud systems.
- Enhanced connectivity for external accessories, facilitating the installation of decorative panels or furniture components.
- On-site prefabricated assembly with a simplified process—requiring minimal complex connectors, no welding, and no cutting.



Honeycomb Metal Composite Ceiling

Technical specifications

Project	Specifications
Overall Thickness	90-300mm (Customizable)
Dimensions	Width: 925-1200mm / Height: 2500/2700/3000/3500/4000/4500mm
Base Material	Pre-roll-coated color steel coil, zinc coating ≥ 60g/m ²
Core Material	High-strength corrugated steel sheet (0.18mm) or 12.2mm fire-rated gypsum board
Adhesive	High-strength two-component polyurethane adhesive (Henkel, Germany)
Surface Finish	Coating thickness ≥ 25μm / Pencil hardness ≥ 2H (Standard: Q/320115GML02-2007)
Connecting Framing	Clip-in framing / Double-piece hanging framing
Product Performance	Fire-resistant, non-combustible, high strength, formaldehyde-free, durable, antibacterial, and easy to clean—ideal for public spaces and facilities.
Fire Resistance	Compliant with GB/T 9978.1-2008 "Fire Resistance Test Methods for Building Elements" — 2 hours or more.
Eco-Friendly	Materials are reusable, causing no ecological harm during production, use, or recycling.
Cost Efficiency	Modular structure accelerates on-site installation, reducing labor costs. Panels remain demountable and reusable after installation, lowering life-cycle maintenance and replacement costs.

Customization



Demising Walls



Corridor Partitions



Fire Walls



Wet Area Partitions



Decorative Wall Panels



High Sound-Insulation Partitions



Suspension Systems



Recessed Bathroom Fixtures



Embedded Reinforcement



Recessed TV Units



Medical Headwall Systems

High-End Prefabricated Glass Partition Wall System

- 1 Easy to assemble and dismantle, with enhanced fire and impact resistance—featuring a minimalist, transparent design and sleek technological lines.
- 2 Demountable structure enables recycling of interior modules.
- 3 Zero formaldehyde pollution indoors.
- 4 Compatible design for flexible integration.



Residential Buildings



Office Buildings



Healthcare Facilities



Commercial Buildings



Honeycomb Metal Composite Ceiling

Project	Specifications
Type Description	High-End Prefabricated Glass Partition Wall System (Exposed Frame / Concealed Frame)
Surface Facing	Glass panels (tempered / fire-resistant, thickness 6/8/10mm)
Translucent Cavity	25mm-wide horizontal metal venetian blinds (optional: manual knob or magnetic control)
Standard Color	Brown-Gray
Wall Thickness	94-200mm (Customizable)
Wall Height	2100-4500mm (Customizable)
Wall Width	800-1200mm (Customizable)
Sound Insulation Rating	Rw = 45 dB (Laboratory Test Data)
Applicable Standard	GB/T 50121-2005
Lateral Strength	700 N·m
Applicable Standard	GB/T 1981-2008



Blinds



Rotary Knob Switch



Shatter-Resistant Tempered Glass



Custom Door Frames



Magnetic Slider



Custom Color Options

Medical door system

Precise Assembly, Stable Facade

Doors for Outpatient & Ward Areas



Patient Room Doors



Consultation Room Doors

Project	Patient Room Doors	Consultation Room Doors
Door Leaf Thickness	40mm/50mm	40mm/50mm
Door Leaf Steel Thickness	0.8-1.0mm	0.8-1.0mm
Door Frame Steel Thickness	1.5mm	1.5mm
Core Material	High-Strength Paper Honeycomb / Aluminum Honeycomb	High-Strength Paper Honeycomb / Aluminum Honeycomb
Optional Accessories	Electric Door Operator, Vision Panel, Transom, Door Header	Vision Panel, Transom, Door Header
Max Width for Single Leaf Door	1250×2500mm	1250×2500mm
Max Width for Double Leaf Door	2500×2500mm	2500×2500mm





Doors for Functional Diagnosis & Treatment Areas



Operating Room Doors



Radiation-Shielded Doors

Project	Operating Room Doors	Radiation-Shielded Doors
Door Leaf Thickness	40mm/50mm	40mm/50mm
Door Leaf Steel Thickness	1.0mm	1.0mm
Door Leaf Frame Thickness	≥1.0mm	≥1.0mm
Opening/Closing Speed	250-500 mm/s (Adjustable)	250-500 mm/s (Adjustable)
Power Supply Requirements	220±20%VAC,50/60Hz	220±20%VAC,50/60Hz
Controller	Optional activation sensor	Optional activation sensor
Sound Insulation	Rw = 33 dB, Class 3 (GB/T 8485-2008)	Rw = 33 dB, Class 3 (GB/T 8485-2008)
Impact Resistance	Compliant with GB/T 20909-2017	Compliant with GB/T 20909-2017
Thermal Insulation	Heat Transfer Coefficient K = 2.8 W/(m ² ·K), Class 5	Heat Transfer Coefficient K = 2.8 W/(m ² ·K), Class 5
Core Material	Polyurethane Foam / Paper Honeycomb	2.5mm Lead Sheet / Polyurethane Foam / Paper Honeycomb
Max Width for Single Leaf Door	1250×2500mm	1250×2500mm
Max Width for Double Leaf Door	2500×2500mm	2500×2500mm

Doors for Functional Diagnosis & Treatment Areas



Project	Administrative Office Doors
Door Leaf Thickness	40mm/50mm
Door Leaf Steel Thickness	0.8-1.0mm
Door Frame Steel Thickness	1.5mm
Core Material	High-Strength Paper Honeycomb / Aluminum Honeycomb
Optional Accessories	Vision Panel, Transom, Door Header
Max Width for Single Leaf Door	1250×2500mm
Max Width for Double Leaf Door	2500×2500mm

Doors for Administrative Office Areas



Project	Washroom Doors
Door Leaf Thickness	40mm/50mm
Door Leaf Steel Thickness	0.8-1.0mm
Door Frame Steel Thickness	1.5mm
Door Leaf Frame Thickness	≥1.0mm
Sound Insulation	Rw = 33 dB, Class 3 (GB/T 8485-2008)
Impact Resistance	Compliant with GB/T 20909-2017
Thermal Insulation	Heat Transfer Coefficient K = 2.8 W/(m²·K), Class 5
Core Material	High-Strength Paper Honeycomb / Aluminum Honeycomb
Max Width for Single Leaf Door	1250×2500mm

Our Partners

PREFABRICATED BUILT-IN SYSTEM
SOLUTION PROVIDER

