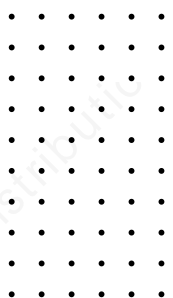
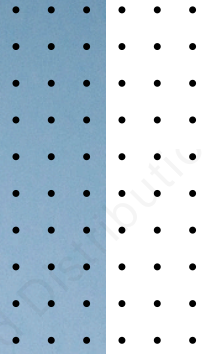




**Ecosteel  
Source**



**METAL STUDS & PURLINS**  
**STEEL STUDS, TRACKS &**  
**FURRING CHANNELS**  
**CATALOGUE**

[www.ecosteelsource.com](http://www.ecosteelsource.com)

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## WHO ARE WE

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Ecosteel Source is a professional supplier of steel materials, offering Zinc-Aluminum-Magnesium (Z-A-M) coated steel, Galvalume (GL), pre-painted steel coils, and steel construction product made from that like Floor Decks, Steel Truss Floor Deck, Sandwich Panels (Hand-made & Machine-made), C/Z/U purlins, steel Studs, Tracks & Furring Channels, and Steel Accessories like Steel Strapping Seal.

With advanced processing equipment and strict quality control, we deliver durable, eco-friendly, and customized solutions for construction, industrial facilities, infrastructure, and cleanroom systems.

# OUR STORY

---

## **Rooted in Nature. Committed to the Future.**

Ecosteel Source was founded in Sichuan, a region known not only for its emerging industrial base, but also as the native home of the giant panda – a global symbol of ecological harmony. Inspired by this unique environment, we are deeply aware of the responsibility to balance industrial progress with environmental sustainability.

In today's fast-evolving steel industry, we believe that strength and sustainability should go hand in hand. Drawing from the panda's symbolism of balance and resilience, Ecosteel is committed to delivering steel solutions that combine durability with environmental responsibility.

**Born in Sichuan – a place of strength and serenity – we carry the spirit of the giant panda into everything we build.**



# OUR STORY

---

## Inspired by the panda. Built for a greener world.

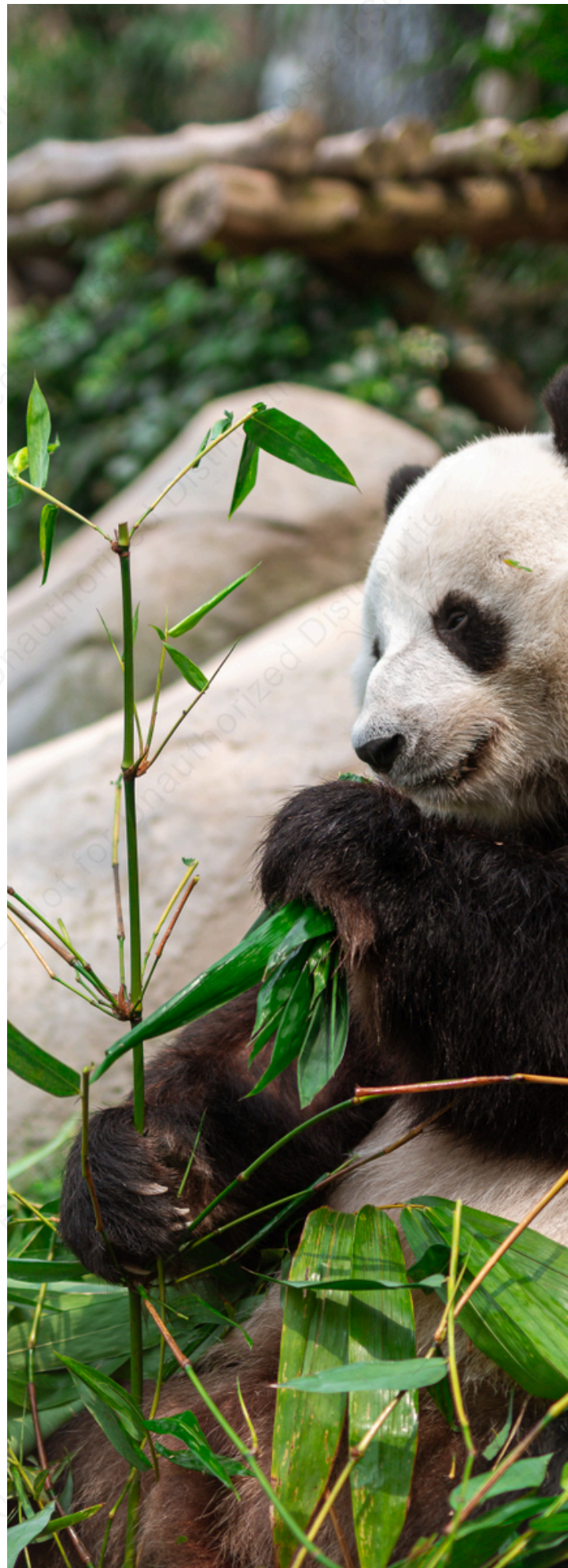
As both a materials supplier and a finished product manufacturer, we serve a wide range of industries — from industrial construction and cold chain logistics, to coastal projects and cleanroom environments. Whether it's floor decking, roofing panels, or structural components, we aim to reduce maintenance, extend service life, and minimize the carbon footprint of every building.

**Our mission is to bring harmony between industry and ecology.**

**With every coil, panel, or beam we deliver, we take a step toward a greener construction future.**

When you choose Ecosteel, you are not only choosing reliable steel products —

**you are choosing a future where performance and sustainability work together.**





## PRODUCT OVERVIEW

- ☑ **Steel Building Materials:** Floor Deck System; Roofing & Wall Panels; **Metal Studs & Purlins**
- ☑ **Coils & Sheets:** Galvanized Steel (GI); Galvalume Steel (GL); Zinc-Aluminum-Magnesium (Z-A-M) coated steel, Pre-painted color coated steel (PPGI, PPGL)
- ☑ **Steel Accessories:** Steel Strapping Seal



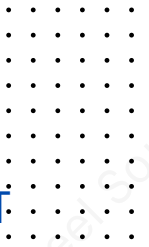
# PRODUCT OVERVIEW

## STEEL BUILDING MATERIALS

- Floor Deck System:** Open type floor deck; Steel Truss Deck
- Roofing & Wall Panels:** Color coated steel sheets(also called Metal Roofing Sheet or Metal Wall Cladding Panel); sandwich panels, handmade cleanroom panels
- Metal Studs & Purlins:** C/Z/U purlins; Steel stud, track & furring channels


# PRODUCT SERIES

FROM **PREMIUM** TO **VALUE** — TAILORED FOR EVERY PROJECT




 **ES Prime Series**  
Premium · Innovative · Exceptional



 **ES Standard Series: Balanced · Versatile · Durable**



 **ES Value Series: Affordable · Practical · Reliable**

## HOW TO CHOOSE?

At Ecosteel Source, every series delivers the same reliable foundation—what sets them apart is the **material grade** and **performance level**.

- **Unified Standards:** All series follow the same specifications in size, thickness, and structure.
- **Tailored Performance:** Differences lie in the raw materials and durability enhancements.
- **Worry-Free Choice:** Select the series that matches your budget and project goals with full compatibility assurance.

# PRODUCT SERIES

FROM **PREMIUM** TO **VALUE** — TAILORED FOR EVERY PROJECT

## **ES Prime** - Flagship Performance

- Top-tier quality
- Advanced coatings
- Extended lifespan
- Premium applications

Typical materials: High-grade ZAM steel (Zinc-Aluminum-Magnesium), premium Galvalume (like AZ120, AZ150), High zinc coat Galvanized steel (GI) (from 150 to 900g/m<sup>2</sup>), fluorocarbon (PVDF) coated steel etc.

## **ES Standard** - Balanced Reliability

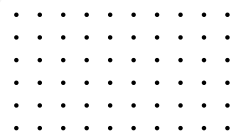
- Solid performance
- Good corrosion resistance
- Cost-performance balance
- Versatile use

Typical materials: Galvanized steel (GI) (Zinc 60g-120g/m<sup>2</sup>), Galvalume (GL)(less than AZ120), basic ZAM steel, HDP&SMP Pre-painted Steel etc.

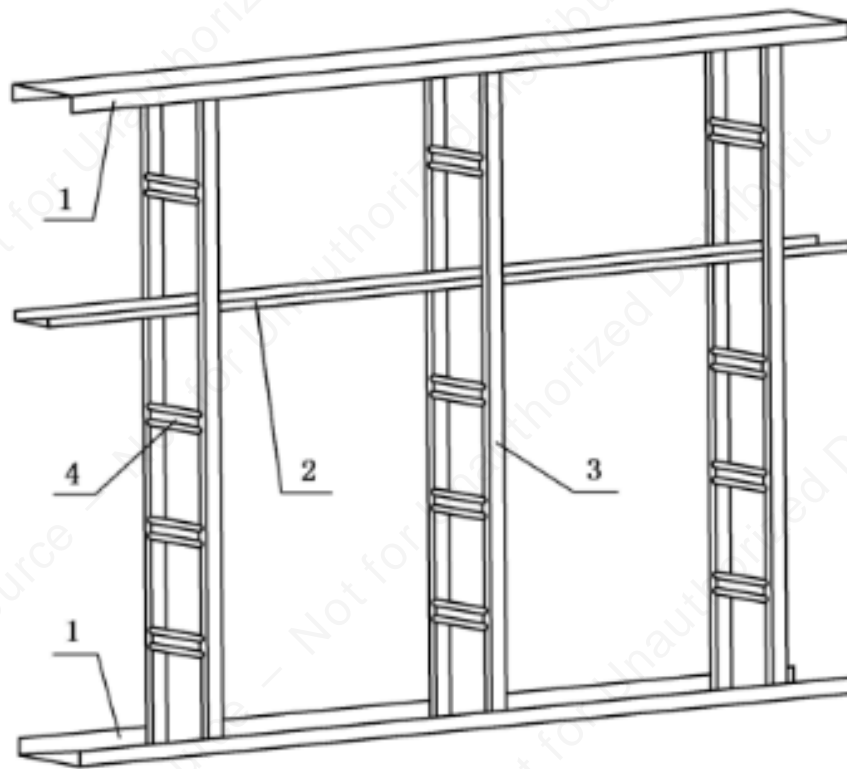
## **ES Value** - Smart Affordability

- Economical solution
- Essential quality
- Simplified specs
- Budget-focused use

Typical materials: Basic Galvanized steel (GI) (Zinc 30g-60g/m<sup>2</sup>), economical PE Pre-painted Steel etc.



# WALL STUDS-DIAGRAM



## **1. top and floor furring**

A connecting component between the wall framework and the building structure.

## **2.through furring**

A central connecting component for erect furring (vertical studs) within the wall framework.

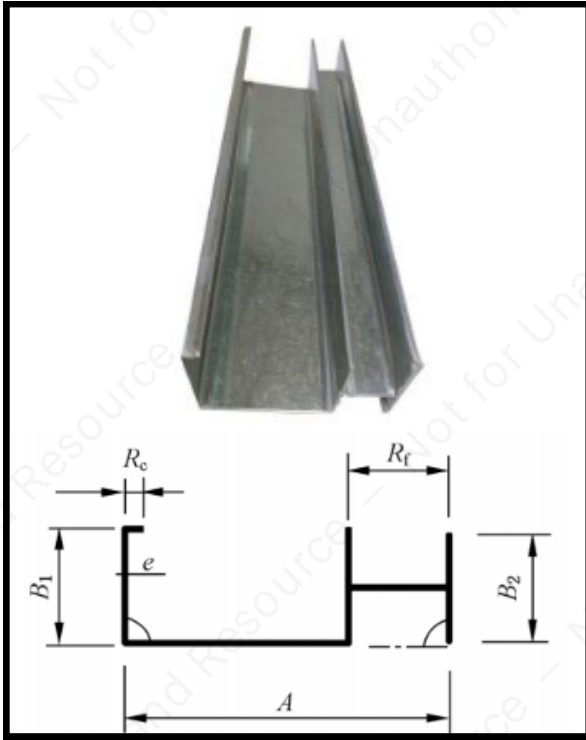
## **2. erect furring**

The primary load-bearing component within the wall framework.

## **3. bracing clip**

A supporting accessory which used to secure facing panels to the furring system.

# WALL STUDS



## CH-type (erect furring)

### Specifications

$A \times B_1 \times B_2 \times e$

### Common specifications:

75(73.5)  $\times B_1 \times B_2 \times 0.8$

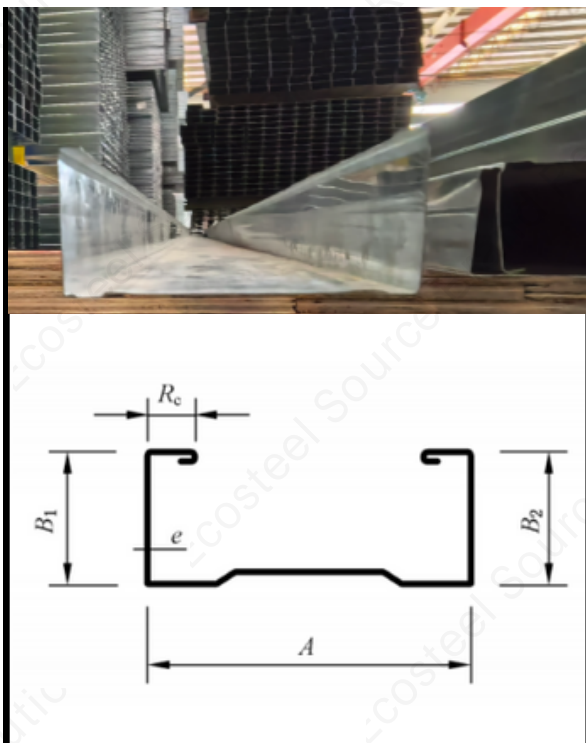
100(98.5)  $\times B_1 \times B_2 \times 0.8$

150(148.5)  $\times B_1 \times B_2 \times 0.8$

$B_1 \geq 35; B_2 \geq 35$

Thickness can be customized.

Please contact our sales team for details.



## C-type (erect furring)

### Specifications

$A \times B_1 \times B_2 \times e$

### Common specifications:

50(48.5)  $\times B_1 \times B_2 \times 0.7$

$B_1 \geq 45; B_2 \geq 45$

50  $\times 45 \times 45 \times 0.43$

75  $\times 45 \times 45 \times 0.38$

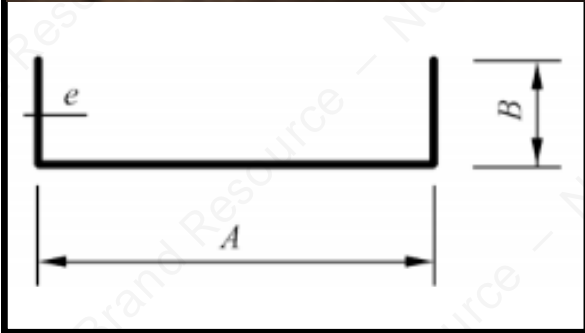
75  $\times 35 \times 35 \times 0.38$

100  $\times 45 \times 45 \times 0.43$

Thickness can be customized.

Please contact our sales team for details.

# WALL STUDS



## U-type ( top and floor furring & through furring)

### Specifications

$A \times B \times e$

### Common specifications:

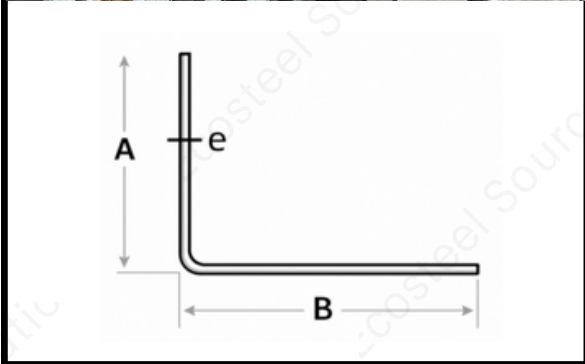
38×12×1.0 ( through furring)

50×35×0.43 ( top and floor furring)

75×25×0.34 ( top and floor furring)

100×35×0.5 ( top and floor furring)

Thickness can be customized. Please contact our sales team for details.



## L-type (Wall Angle)

### Specifications

$A \times B \times e$

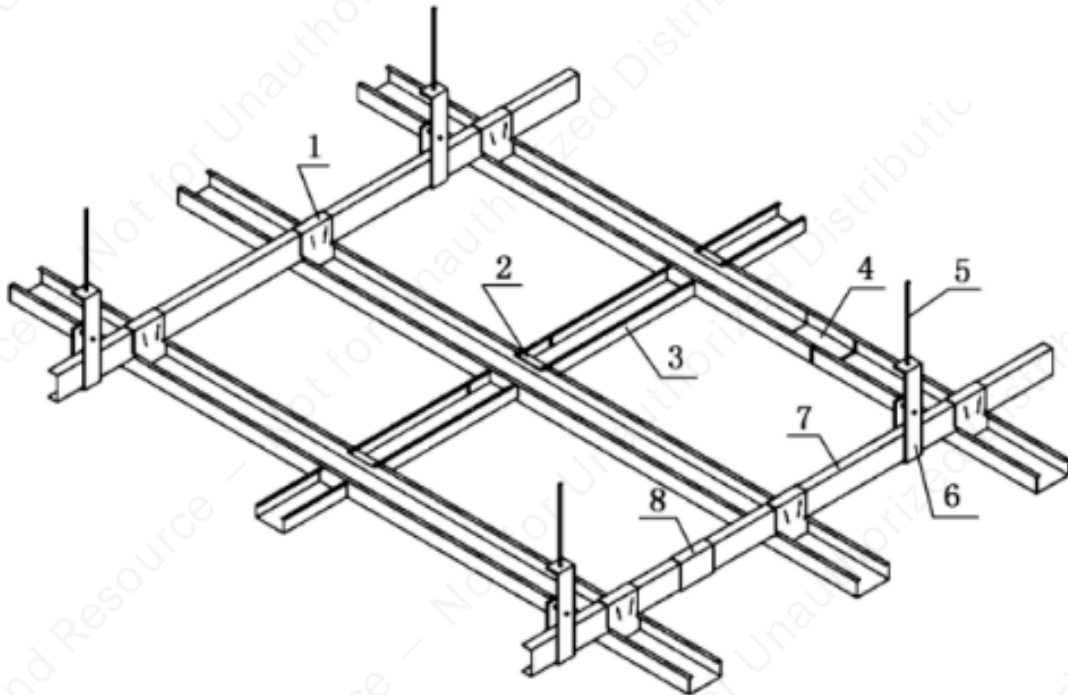
### Common specifications:

25×25×0.46

30×30×0.55

Thickness can be customized. Please contact our sales team for details.

# CEILING CHANNEL / FURRING CHANNEL DIAGRAM



## **1. furring hanger**

A connector that supports the 3.nailing furring and links it with other furring components.

## **2. horizontal connector**

A connector for the vertical joint between nailing furrings.

## **3. nailing furring**

A component used to secure finish panels within the ceiling framework.

## **4. nailing furring connector**

An extension connector for nailing furrings.

## **5. suspending rod**

A connector between the furring suspender and the building structure.

## **6. furring suspender**

A connector between the furring and the suspending rod.

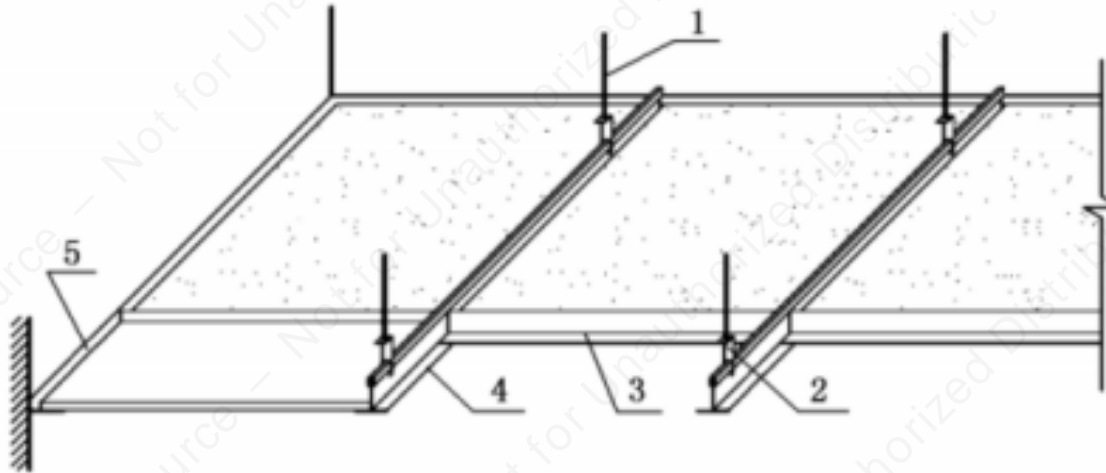
## **7. carrying furring**

The primary load-bearing component within the ceiling framework.

## **8. carrying furring connector**

An extension connector for the carrying furring.

# CEILING CHANNEL / FURRING CHANNEL DIAGRAM



## T-type Ceiling Framing System Schematic Diagram

### **1: suspending rod**

A connector between the furring suspender and the building structure.

### **2: furring suspender**

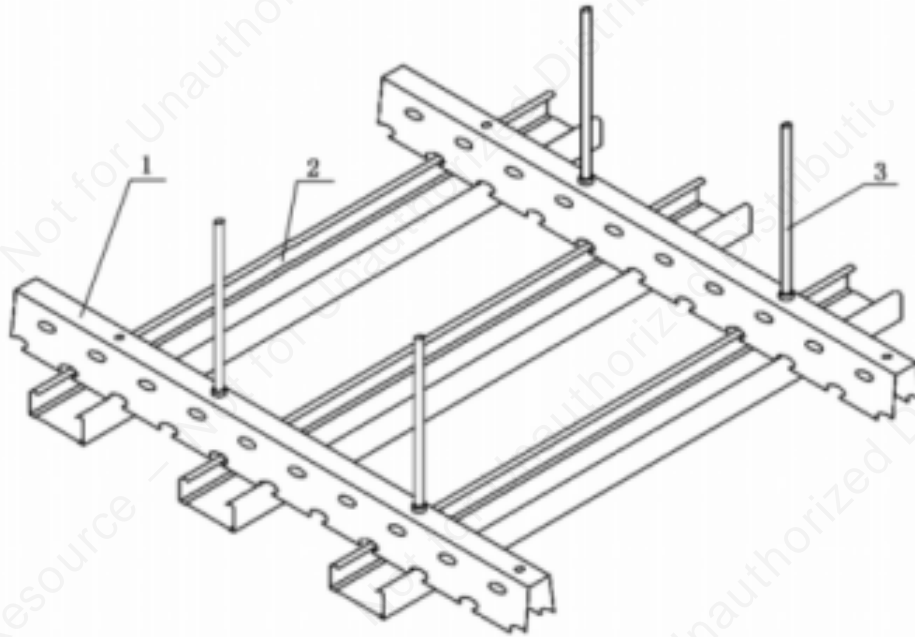
A connector between the furring and the suspending rod.

### **3: Cross Furring Channel**

### **4: Main furring**

### **5: Wall Angle**

# CEILING CHANNEL / FURRING CHANNEL DIAGRAM



## V type Ceiling Framing System Schematic Diagram

### 1. carrying furring

The primary load-bearing component within the ceiling framework.

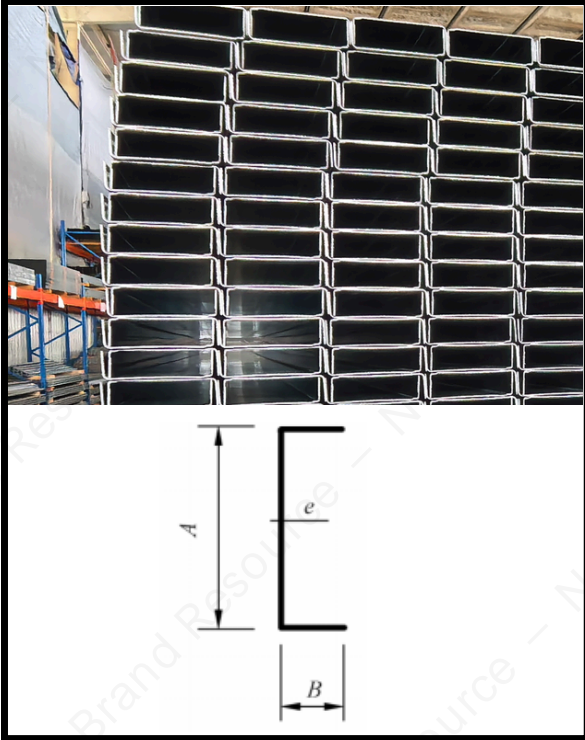
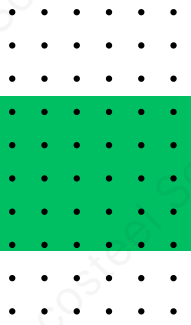
### 2. nailing furring

A component used to secure finish panels within the ceiling framework.

### 3. furring suspender

A connector between the furring and the suspending rod.

# CEILING CHANNEL / FURRING CHANNEL



## U-type (carrying furring)

### Specifications

A×B×e

### Common specifications:

50×40×0.6

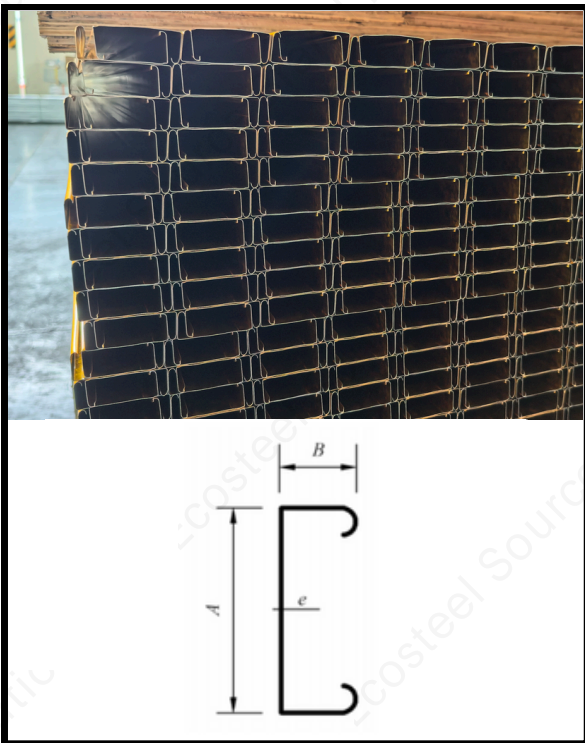
75×40×0.6

100×40×0.6

38×12×1.0

50×15×1.2

Thickness can be customized. Please contact our sales team for details.



## C-type (carrying furring)

### Specifications

A×B×e

### Common specifications:

38×12×1.0

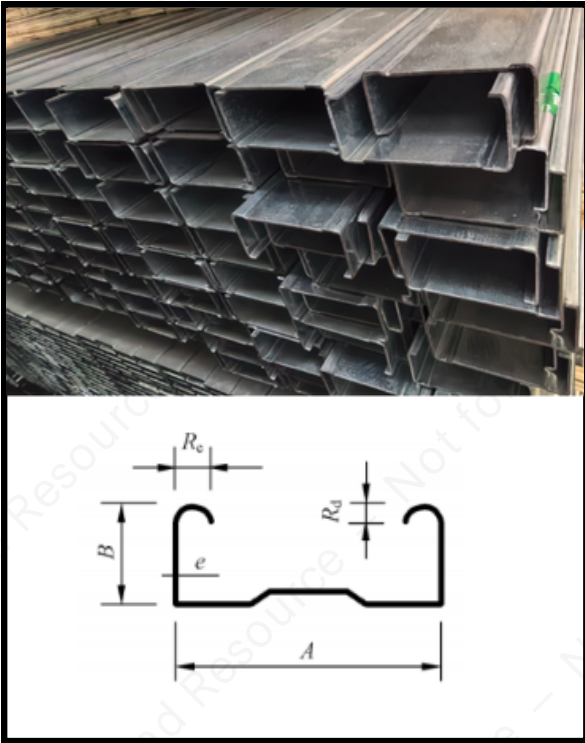
50×15×1.2

60×B×1.2

B=24~30

Thickness can be customized. Please contact our sales team for details.

# CEILING CHANNEL / FURRING CHANNEL



## C-type (nailing furring)

### Specifications

$A \times B \times e$

### Common specifications:

50×19×0.5

50×50×0.6

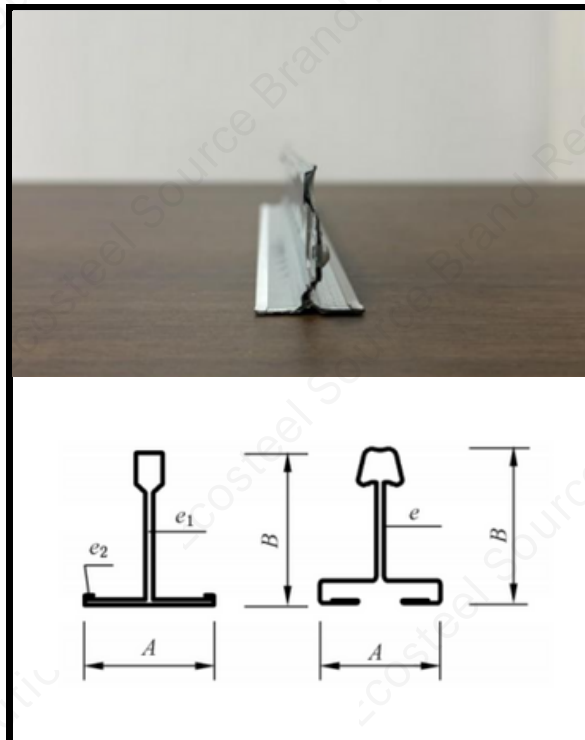
60×27×0.6

75×50×0.6

100×50×0.6

Thickness can be customized.

Please contact our sales team for details.



## T-type (main furring)

### Specifications

$A \times B \times e_1 \times e_2$

### Common specifications:

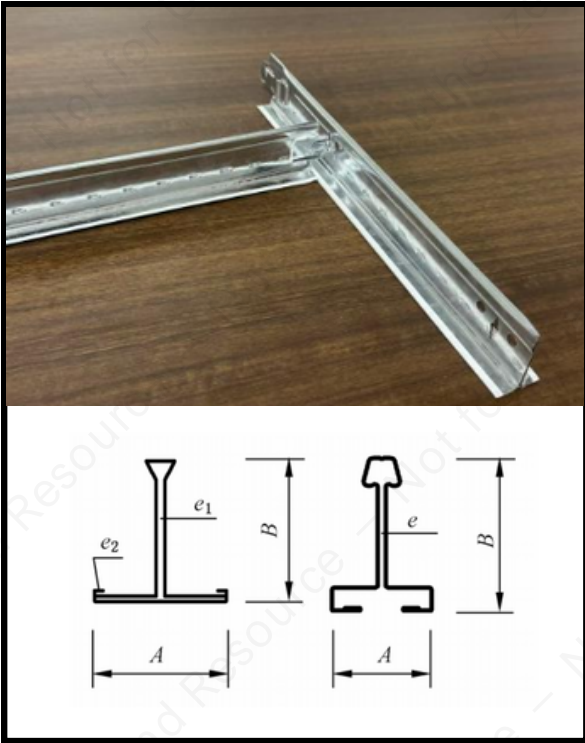
24×38×0.27×0.27

24×32×0.27×0.27

14×32×0.27×0.27

Thickness can be customized. Please contact our sales team for details.

# CEILING CHANNEL / FURRING CHANNEL



## T-type ( Cross Furring Channel)

### Specifications

$A \times B \times e1 \times e2$

### Common specifications:

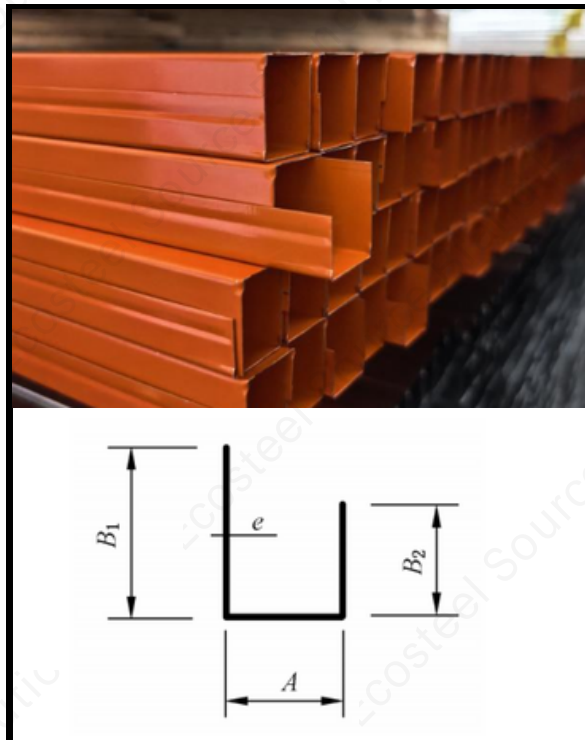
24×28×0.27×0.27

24×25×0.27×0.27

14×25×0.27×0.27

Thickness can be customized.

Please contact our sales team for details.



## L-type (Wall Angle)

### Specifications

$A \times B1 \times B2 \times e$

### Common specifications:

$A \times B1 \times B2 \times 0.4$

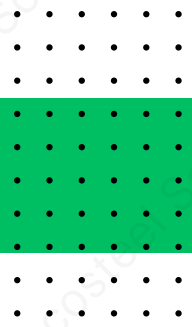
$A \geq 20; B1 \geq 25; B2 \geq 20$

20\*30\*20\*0.5

Thickness can be customized.

Please contact our sales team for details.

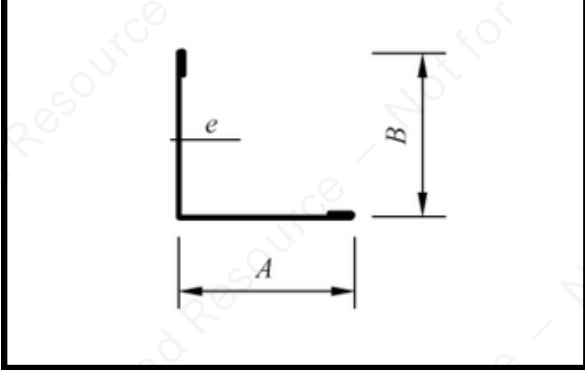
# CEILING CHANNEL / FURRING CHANNEL



## L-type (edge furring)

### Specifications

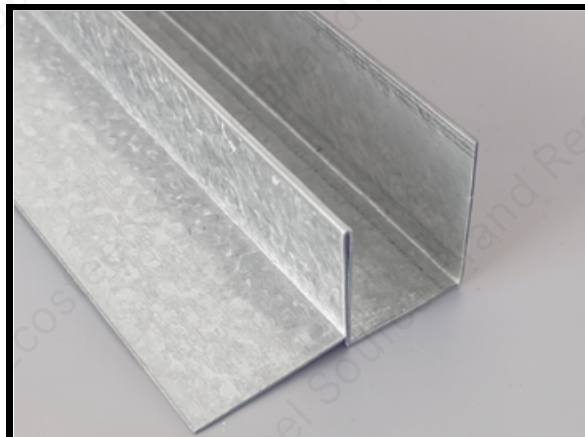
$A \times B \times e$



### Common specifications:

20×20×0.3

Thickness can be customized.  
Please contact our sales team for details.



## F-type (Wall Angle)

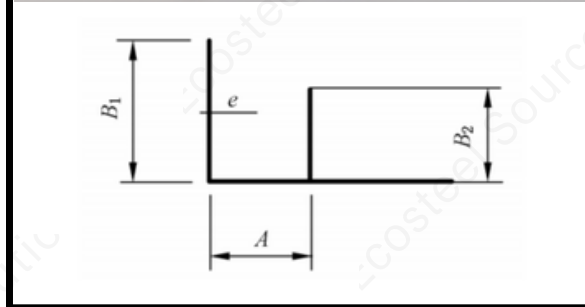
### Specifications

$A \times B_1 \times B_2 \times e$

### Common specifications:

$A \times B_1 \times B_2 \times 0.4$

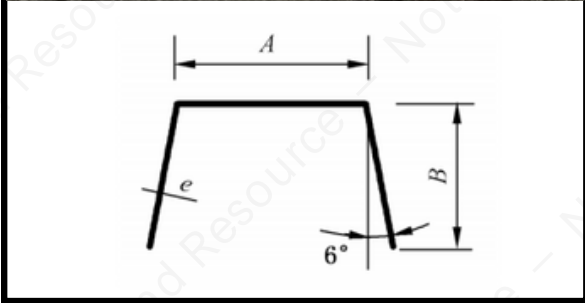
$A \geq 48; B_1 \geq 25; B_2 \geq 20$



50\*30\*20\*0.55(0.51-0.52)

Thickness can be customized.  
Please contact our sales team for details.

# CEILING CHANNEL / FURRING CHANNEL



## V-type (carrying furring)

### Specifications

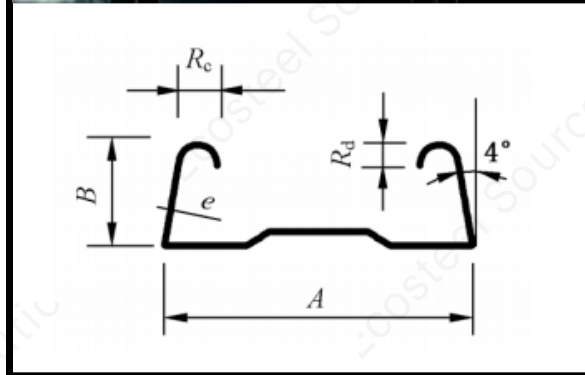
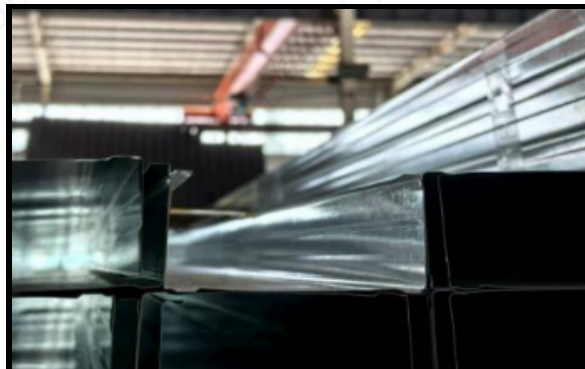
$A \times B \times e$

### Common specifications:

38\*20\*1.2

38\*20\*1.0

Thickness can be customized.  
Please contact our sales team for details.



## V-type (nailing furring)

### Specifications

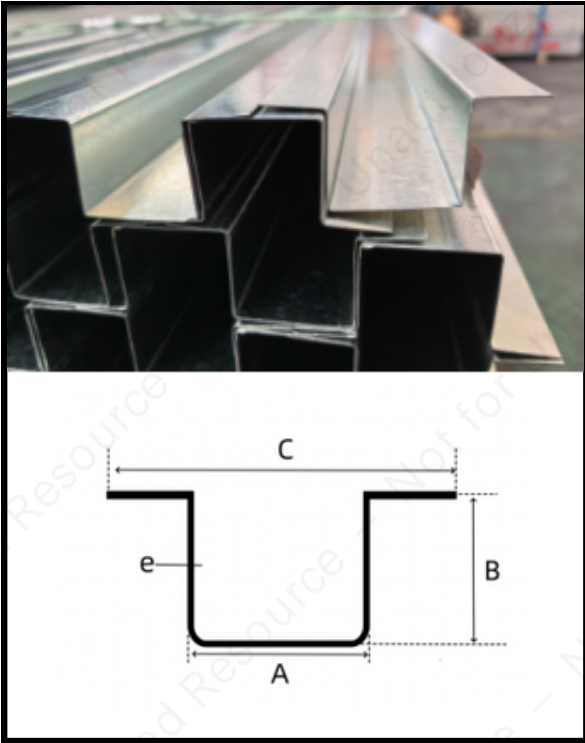
$A \times B \times e$

### Common specifications:

49\*19\*0.5

Thickness can be customized.  
Please contact our sales team for details.

# CEILING CHANNEL / FURRING CHANNEL



## Hat-shape furring

### Specifications

$A \times B \times e$

### Common specifications:

35×22×68×0.5

28×28×58×0.5

28×28×58×0.8

Thickness can be customized.

Please contact our sales team for details.

# ACCESSORIES



## **Bracing Clip for Furring Channel (size: 75/100)**

Bracing Clip for Furring Channel is a compact connector which used between main and cross furring channels to reinforce overall stability and prevent deformation in ceiling or wall systems.



## **Ceiling Hanger Bracket (size: 50/60)**

Ceiling Hanger Bracket is a structural fitting designed to fix and support furring channels by connecting them to surrounding elements. Which commonly used in both ceiling and wall framing systems for enhanced load-bearing performance.



## **Main Runner Splice Clip/connector for Furring Channel Ceiling System (size: 38/50/60)**

Main Runner Splice Clip/connector is a metal connector designed to linearly join two main furring channels, which maintaining structural continuity and surface flatness in ceiling or wall systems.

# CEILING CHANNEL / FURRING CHANNEL ACCESSORIES



## Cross Furring Channel Splice Clip/connector (size: 50/60)

Cross Furring Channel Splice Clip/connector used in ceiling systems to connect two cross furring channels when a single piece is insufficient for the required span or continuous layout.



## Furring Channel Hanger Clip/furring suspender (size: 38/50/60)

Furring Channel Hanger Clip/furring suspender is a key fitting used in light steel ceiling systems to connect furring channels with suspension rods or structural beams, which providing secure and stable support.



## Metal Stud Crimper

This is a specialized hand tool designed for joining light steel framing components by crimping snap-fit studs or connectors. Provides a secure and efficient connection without the need for screws or welding.

# CEILING CHANNEL / FURRING CHANNEL ACCESSORIES



## Tin Snips

Tin snip is hand tool which designed for cutting thin sheet metal. For detailed model options, please contact our sales team. (cutting capacity ranges from 0.6 mm to 1.2 mm steel sheet)



## Expansion Bolt











## Self-Tapping Screw(size: 25)











## Wood Furring (size: 2\*3\*2.37)

# EASY STEPS TO ORDER

## Start Your Order Today

 Inquiry →  Quotation →  Sample →   
Contract & Payments →  Production →  Packing & Balance →  Shipment & Documents →  After-sales

-  **Inquiry** : Provide product specifications (material, size, coating, color, quantity, application).
-  **Quotation** : Get formal quotation with price, lead time, payment, and other details.
-  **Sample & Drawing** : Confirm samples or drawings for customized colors/patterns.
-  **Contract & Payments** : Sign PI/contract and pay deposit to schedule production; Special customized products require full payment in advance.
-  **Production & QC** : Manufacturing with strict quality control, third-party inspection available.
-  **Packing & Balance** : Packed to international standards, and settle balance payment.
-  **Shipment & Documents** : shipment arranged with documents, receive full set of shipping documents.
-  **After-sales** : Technical support, long-term supply and project services.

# WHY CHOOSE US

## Uncompromising Quality

Strict quality control and testing ensure durability, corrosion resistance, and consistency.

## Tailored Solutions

Customized sizes, coatings, and finishes to meet unique project needs.

## Competitive Value

Advanced manufacturing and efficient supply chain deliver cost-effective solutions.

## Sustainable Commitment

Eco-friendly production and long life cycles support greener construction.

## Global Support

Reliable logistics and professional support ensure timely delivery worldwide.





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