

***T*TALENT™**

Aluminum Coil | Sheet | Ceiling | Wall Panel



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FACTORY

Our factory is located in Foshan City, China. The facility occupies an area of more than 640,000 square feet. The factory area was thoughtfully planned out with environmental protection in mind.

The factory plant is well-equipped with multiple aluminum continuous casting and tandem rolling machines, annealing furnaces for aluminum coils, multiple automatic production lines for metal ceilings, and machines for general operations including slitting, cutting, surface-leveling, etc.

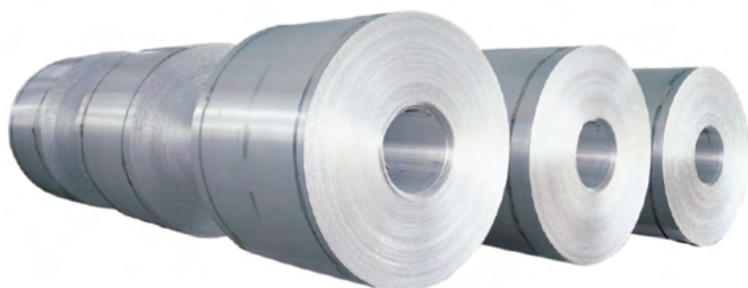
The factory meets the Management System Standards (MSS) and is certified by ISO 9001 for quality management (QMS), and by ISO 14001 for environmental management (EMS).



ALUMINUM COIL & SHEET



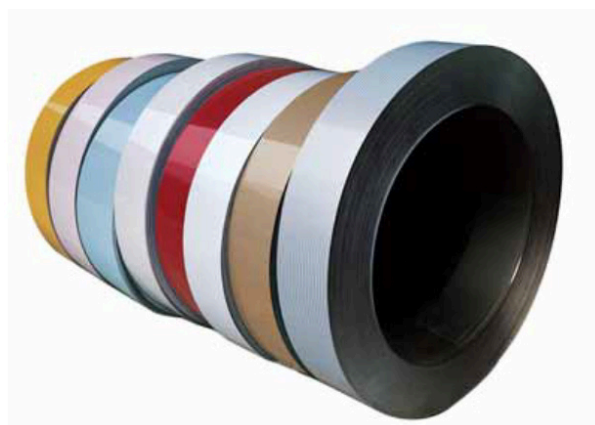
Aluminum Coil & Sheet



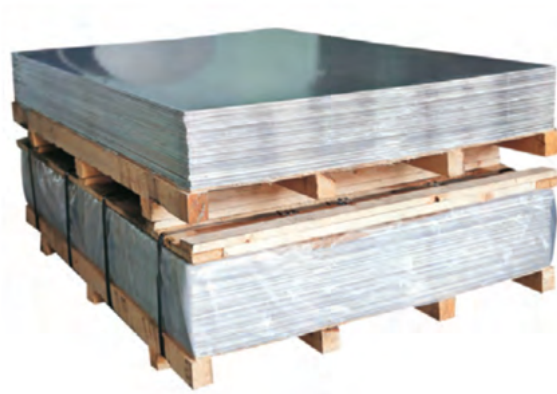
COLD ROLLED COIL



PRE-PAINTED COIL



PRE-PAINTED COIL



COLD ROLLED SHEET

SPECIFICATIONS

Product	Alloy	Temper	Thickness (mm)	Width (mm)	Length (mm)	Technical Standard
Aluminum Sheet	1050,1060,1100, 1200,3003,3105, 8011	O, H ₁₈ , H ₂₄ , H ₂₆ ,H ₁₄ , H ₁₆	0.16 - 4.0	1350 max	1000 - 4000	GB/T3880-1997
Aluminum Coil	1050,1060,1100, 1200,3003,3105, 8011	O, H ₁₈ , H ₂₄ , H ₂₆ ,H ₁₄ , H ₁₆	0.16 - 4.0	1350 max	<u>Coil Inner Diameter</u> Φ : 505 <u>Coil Outer Diameter</u> Φ : 1100 Recommended Φ : 1700 Max	GB/8544-1997

Aluminum Sheet

DESCRIPTION

This aluminum sheet is designed for industrial and construction use. It can be customized in different sizes, thicknesses, styles, finishes, and different acoustic insulations to meet specific requirements and standards.

SPECIFICATIONS

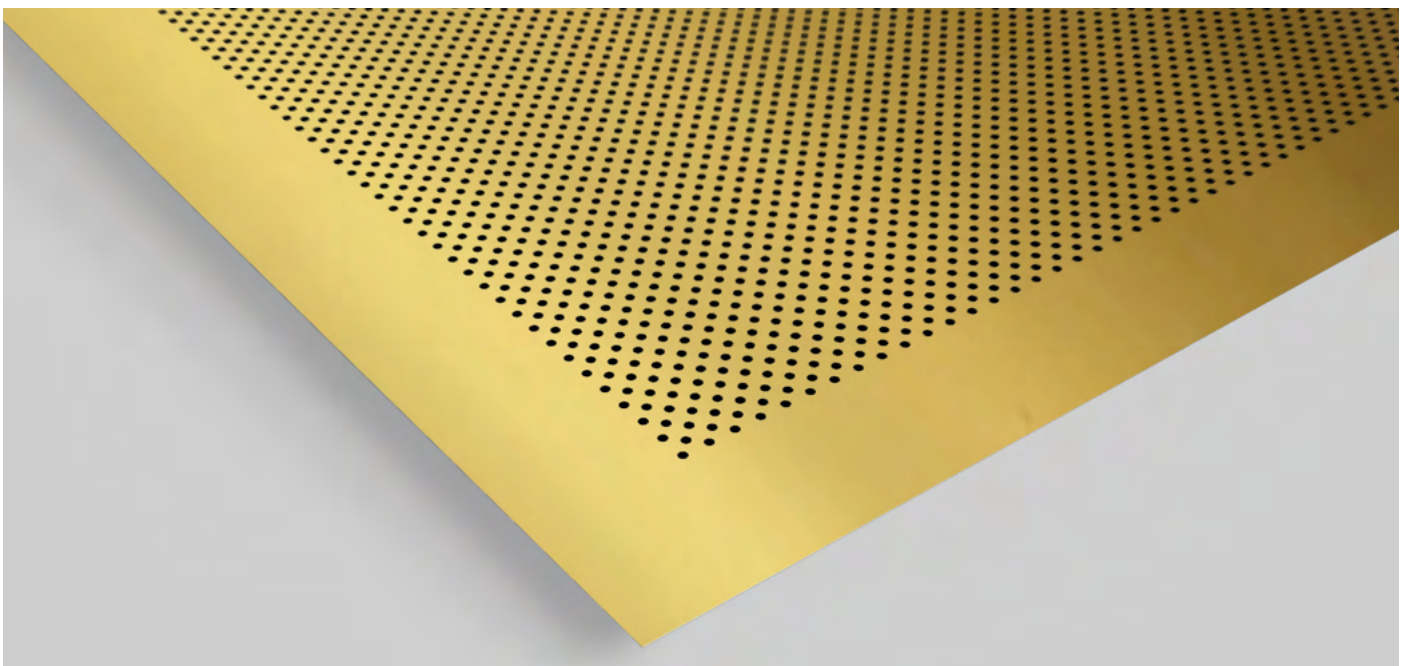
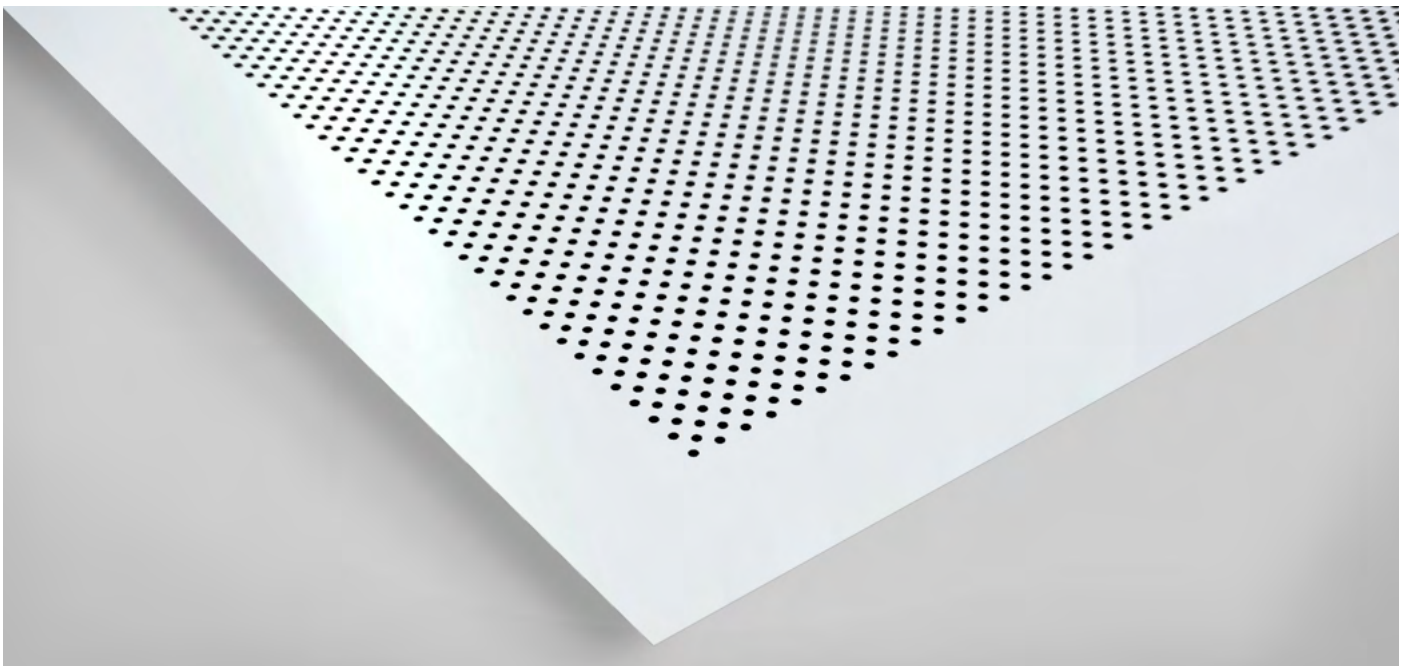
Typical Size (mm): 300x300, 300x600, 300x1200, 600x600, 600x1200, 1200x1200, 1200x2400.

Thickness (mm): 0.16-4.00 (Mill Finish).
0.35-1.00 (Pre-Painted).

Style: Plain or Perforated.

Finish: Mill Finish, Pre-Painted, PVDF, PVC Film.

Acoustic Insulation: Normal, Acouloc, Soundtex.

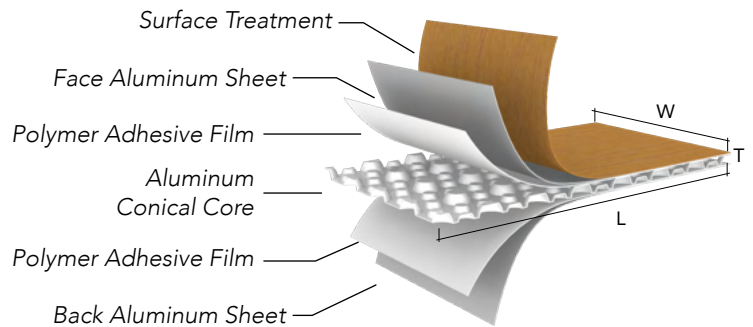


Notice: See the SI unit catalog for exact measurement. Talent Building Material, Inc. assumes no responsibility for any errors that may inadvertently appear in this document.

Aluminum Composite Panel

Aluminum Conical Panel

The lightweight aluminum conical panel is fire-resistant, moisture-resistant, and eco-friendly. Comprising laminated aluminum sheets and a conical aluminum core, it offers exceptional strength and is primarily used in ceiling, wall, door panel, and furniture.



SPECIFICATIONS

Width (mm): Up to 1500.

Height (mm) : 3, 4, 5, 6.

Length (mm) : Up to 6000.

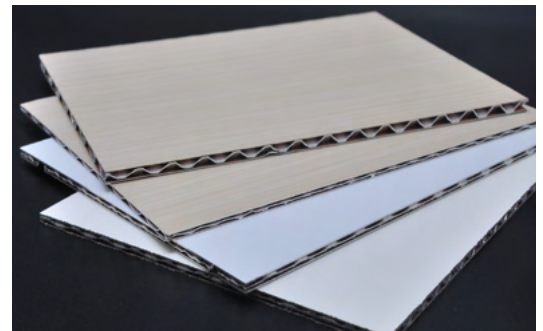
Style: Plain or Perforated.

Face Aluminum Sheet Thickness (mm): 0.3-1.0.

Conical Core Thickness (mm): 0.25-0.40.

Back Aluminum Sheet Thickness (mm): 0.25-0.50.

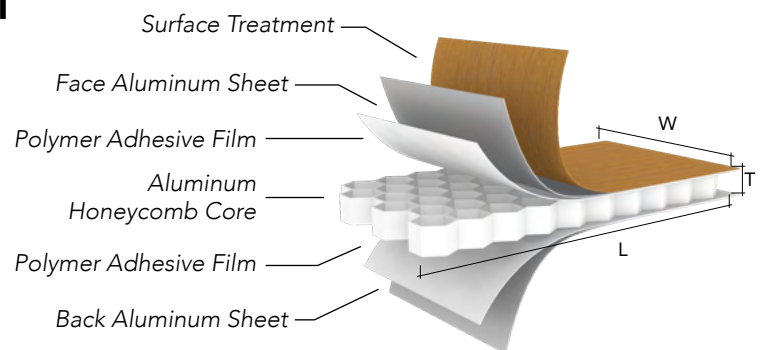
Finish: Pre-Painted, PVDF, Polyester Powder Coating, PVC Film.



Customized Color Options

Aluminum Honeycomb Panel

The aluminum honeycomb panel is a modern decorative material that is lightweight, fire-resistant, moisture-resistant, and eco-friendly. Made by laminating aluminum sheets with a honeycomb core using advanced technology, it is ideal for ceiling, wall, door panel, furniture, partition, and more.



SPECIFICATIONS

Width (mm): Up to 1500.

Height (mm) : 4-50.

Length (mm) : Up to 6000.

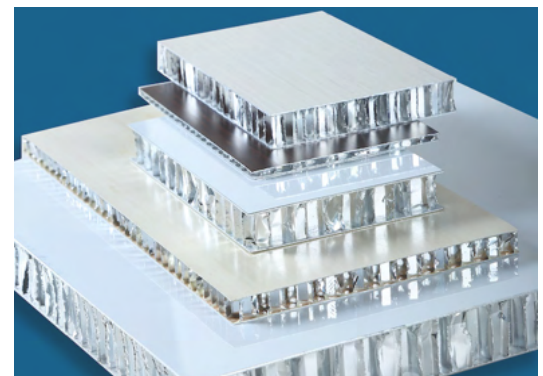
Style: Plain or Perforated.

Face Aluminum Sheet Thickness (mm): 0.3-1.0.

Honeycomb Core Thickness (mm): 0.04, 0.05, 0.06, (Cell Size A6, A8, A10).

Back Aluminum Sheet Thickness (mm): 0.25-0.80.

Finish: Pre-Painted, PVDF, Polyester Powder Coating, PVC.

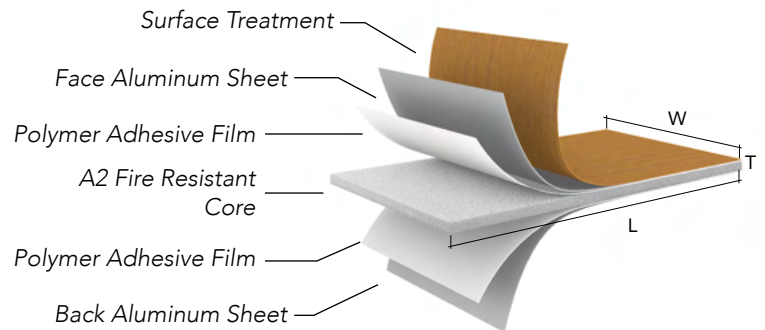


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Aluminum Composite Panel

A2 Fire-resistant Panel

With the A2 Fire Resistant Core, this aluminum composite panel is excellent for partition wall and fire barrier. The panel offers exceptional strength, moisture resistance, mold resistance, and surface treatment with custom colors and pattern. The panel can be placed on wood or steel framing as drywall, or on top of gypsum board as fire barrier and finish. It can also be used for ceiling, door panel, furniture, and other products.



SPECIFICATIONS

Width (mm): 1500.

Thickness (mm) : 2-9.5.

Length (mm) : Up to 6000.

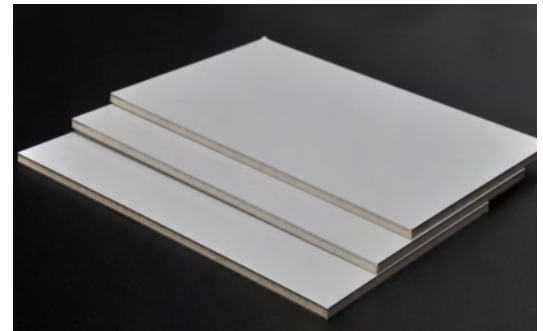
Style: Plain.

Face Aluminum Sheet Thickness (mm):0.2-1.0.

A2 Fire Resistant Core Thickness (mm): 1.0-8.0.

Back Aluminum Sheet Thickness (mm): 0.25-0.5.

Finish: Pre-Painted, PVDF, Polyester Powder Coating, PVC Film.

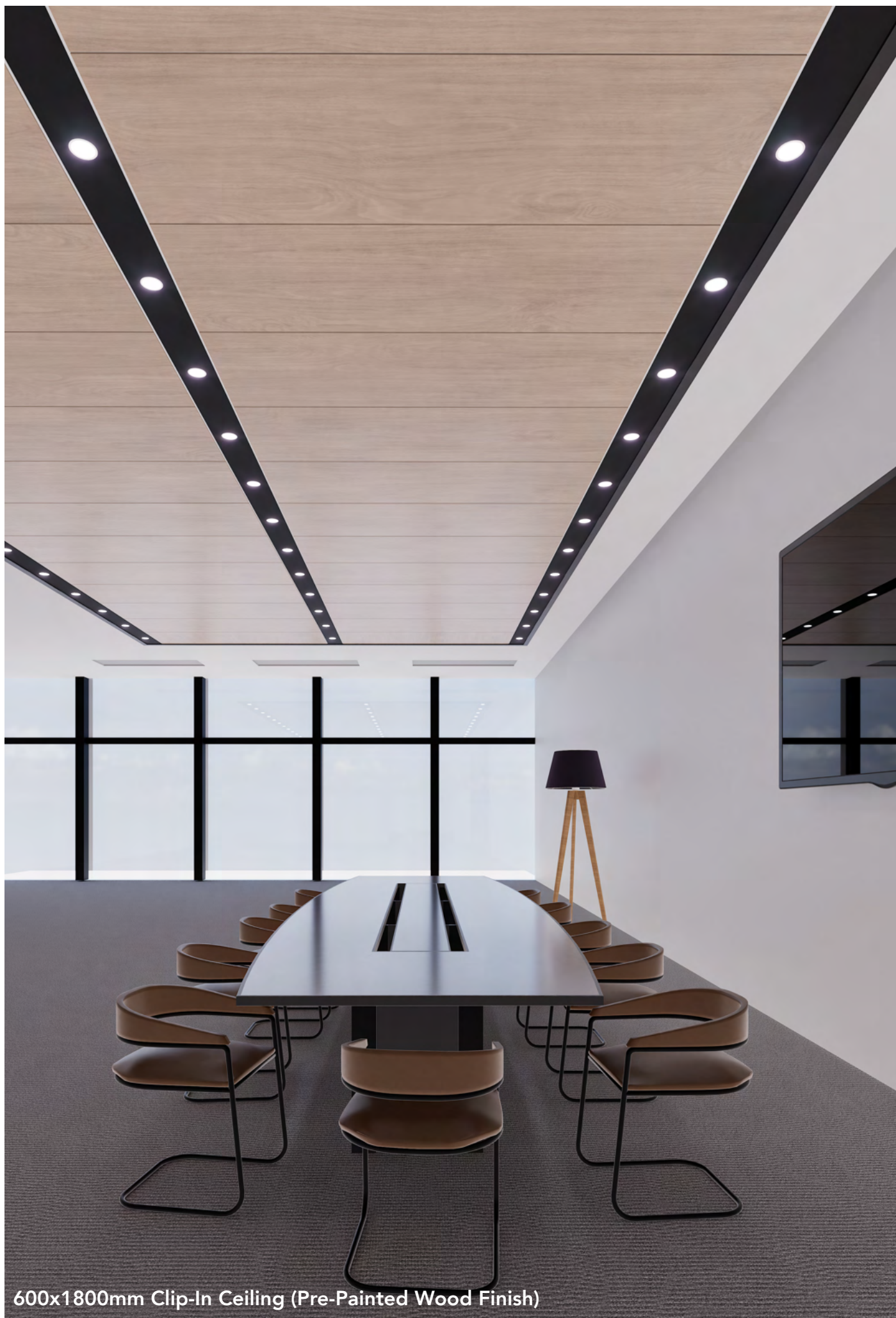


Customized Color Options



METAL CEILING

610mmx610mm Clip-In



600x1800mm Clip-In Ceiling (Pre-Painted Wood Finish)

Benefits of Talent™ Metal Ceiling



Acoustics

Talent's metal ceiling absorbs sound and blocks sound transmission between adjacent spaces. The high Noise Reduction Coefficient (NRC) ceiling panels provide enhanced acoustics to the use space.

Light Reflection and Aesthetics

The metal ceiling reflects natural and electric lights, reducing energy use. Maximizing natural lights creates a more comfortable and healthier space. Beside practicality, the metal ceiling makes a space visually more modern, professional, and lively.

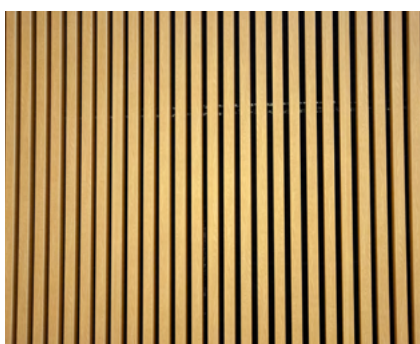
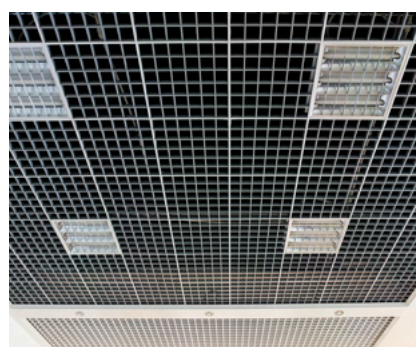


Hygiene

Metal ceiling panel with optional anti-bacteria coating prevents the growth and spread of bacteria, making the product ideal for healthcare facilities. And because of the dust-free, easy-to-clean, easy-to-disinfect attributes, Talent™ metal ceiling is also ideal for clean room in pharmaceutical industry, food industry, and electronics industry.

Fire Performance

Talent™ aluminum ceiling tile is class A per ASTM E84 with a Flame Spread Index of 11 and a Smoke Developed Index of 20. Open cell ceiling and strip ceilings with gaps also offer excellent airflow and smoke extraction ability.



Durability and Easy Maintenance

Being corrosion resistant, humidity resistant, water repellent, heat resistant, mold resistant, and stain resistant, Talent™ metal ceiling has exceptional durability. Cleaning can be done simply by wiping the surface of the panel. With durability and easy maintenance, Talent™ metal ceiling is dependable and economic in the long run for commercial and public projects.

LAY-IN CEILING

Material: Aluminum or Steel.

Size (mm): 300x300, 300x1200, 600x600, 600x1200, 1200x1200.

System: Imperial and Metric.

Edge Shape: Beveled or Square. **Performance:**

Acoustic (ASTM C423 up to NRC 0.75), Fire Classification (ASTM E84 Class A), and Light Reflection.

Thickness (mm):

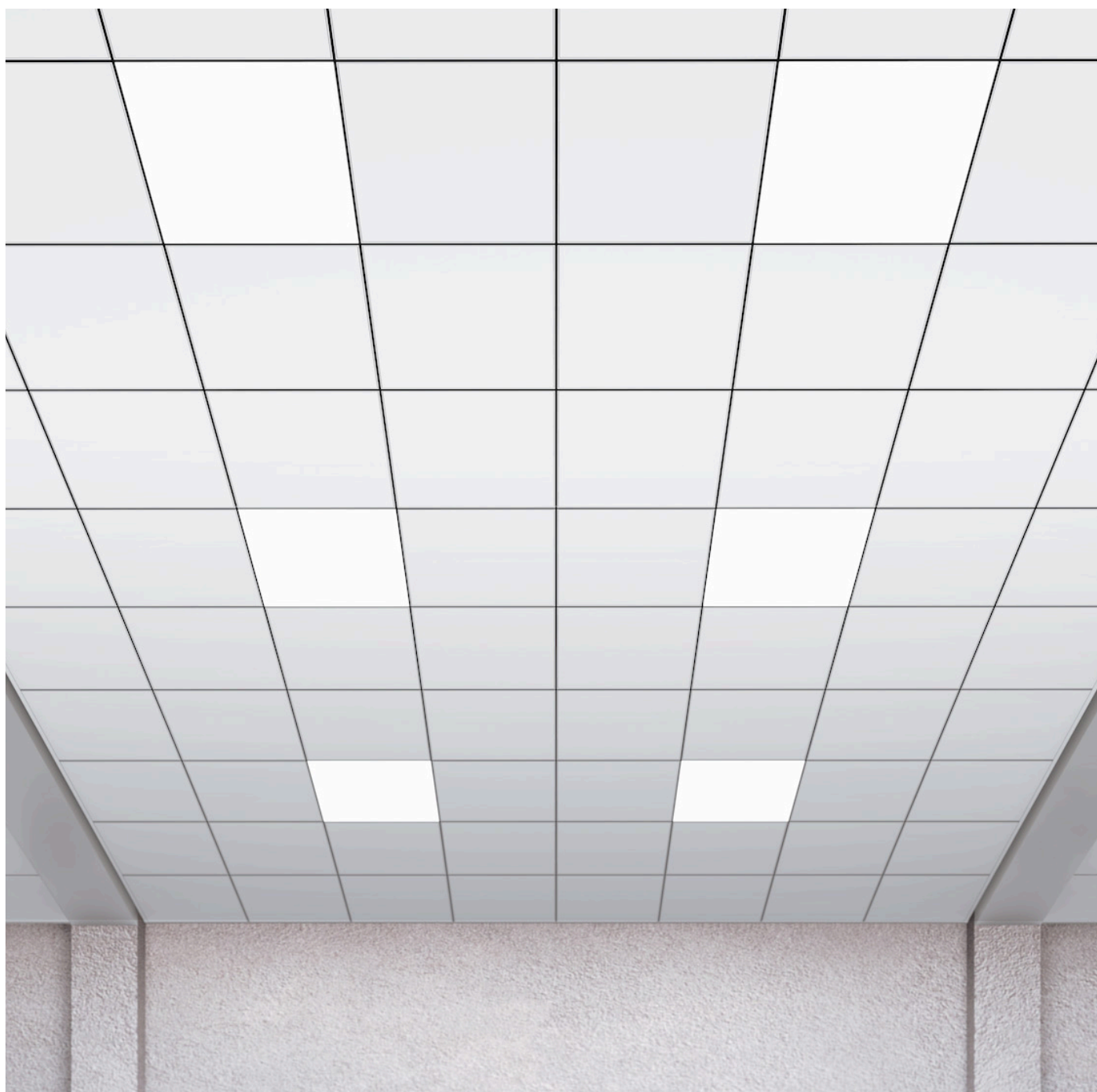
Aluminum: 0.55-1.2.

Steel: 0.50, 0.55, 0.6.

Height (mm): 8, 9, 10.5, 12, 17.5, 30.

Style: Plain or Perforated.

Finish: Polyester Powder Coating, Pre-Painted, PVDF, PVC. Options on Page 44-45.



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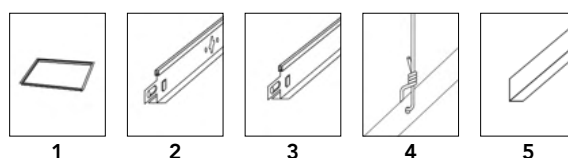
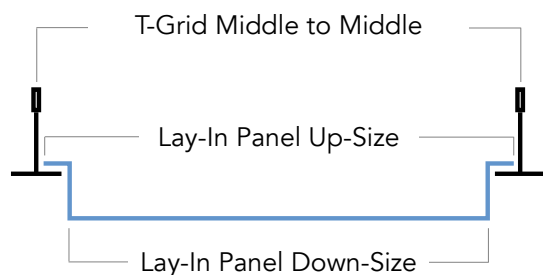
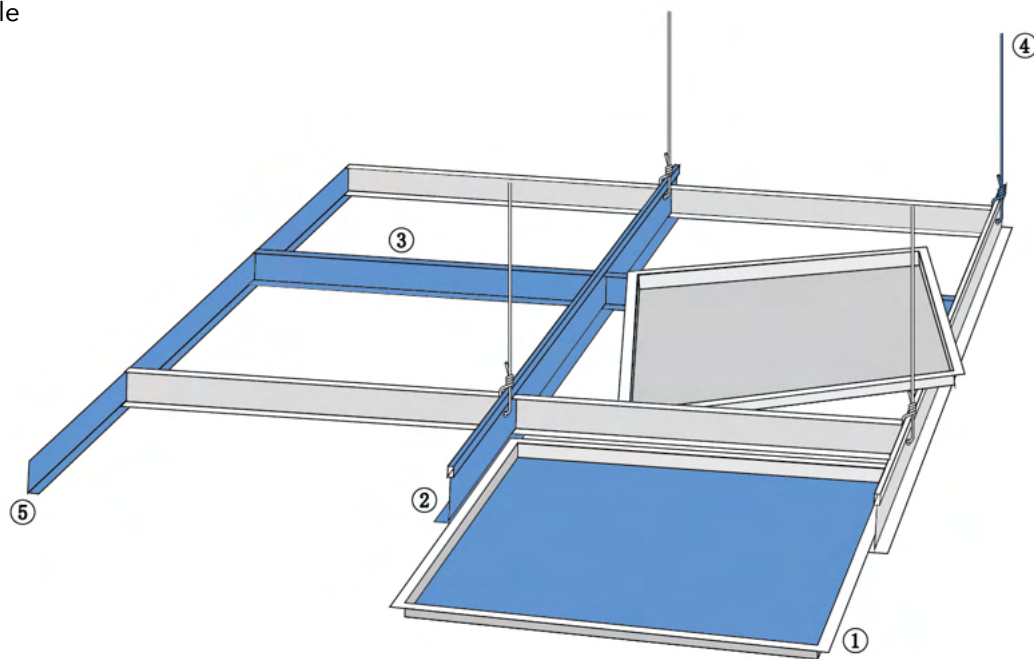
Lay-In Ceiling (Open Frame)

TECHNICAL DRAWING

1. Lay-In Panel (Open Frame)
2. Main T-Carrier
3. Cross T-Carrier
4. Hanger Wire (12 Gauge)
5. L-Shaped Angle

8mm  9mm  10.5mm 

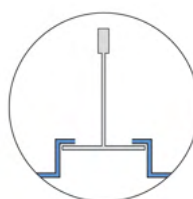
Lay-In Panel Drop Height



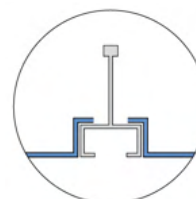
INSTALLATION GUIDE

Determine a centerline between the midpoint of two parallel walls, and mark every 4 ft interval from the centerline as the main-tee lines. Mount the wall angles at the desired ceiling level. Install lag screws at 4 ft intervals along the main-tee lines. Attach a hanger wire to each screw, then attach the wire through the round hole of the main tee. Insert the Cross tee onto the main tee. Place the Lay-In Ceiling panels evenly onto the tees. See ASTM C636 for more installation information.

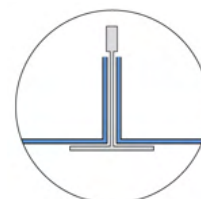
INSTALLATION OPTIONS



1. Lower-Leveled Bedding:
Panels Laid In Flat Carrier



2. Flat-Leveled Bedding:
Panels Laid In Groove Carrier



3. Flat-Leveled Bedding:
Panels Laid On Flat Carrier

CLIP-IN CEILING

Material: Aluminum or Steel.

Size (mm): 300 x 600,
600 x 600,
600 x 1200,
600 x 1800.

Edge Shape: Beveled or Square.

Performance: Acoustic (ASTM C423 NRC 0.75), Fire Performance (ASTM E84 Class A), and Light Reflection.

Thickness:

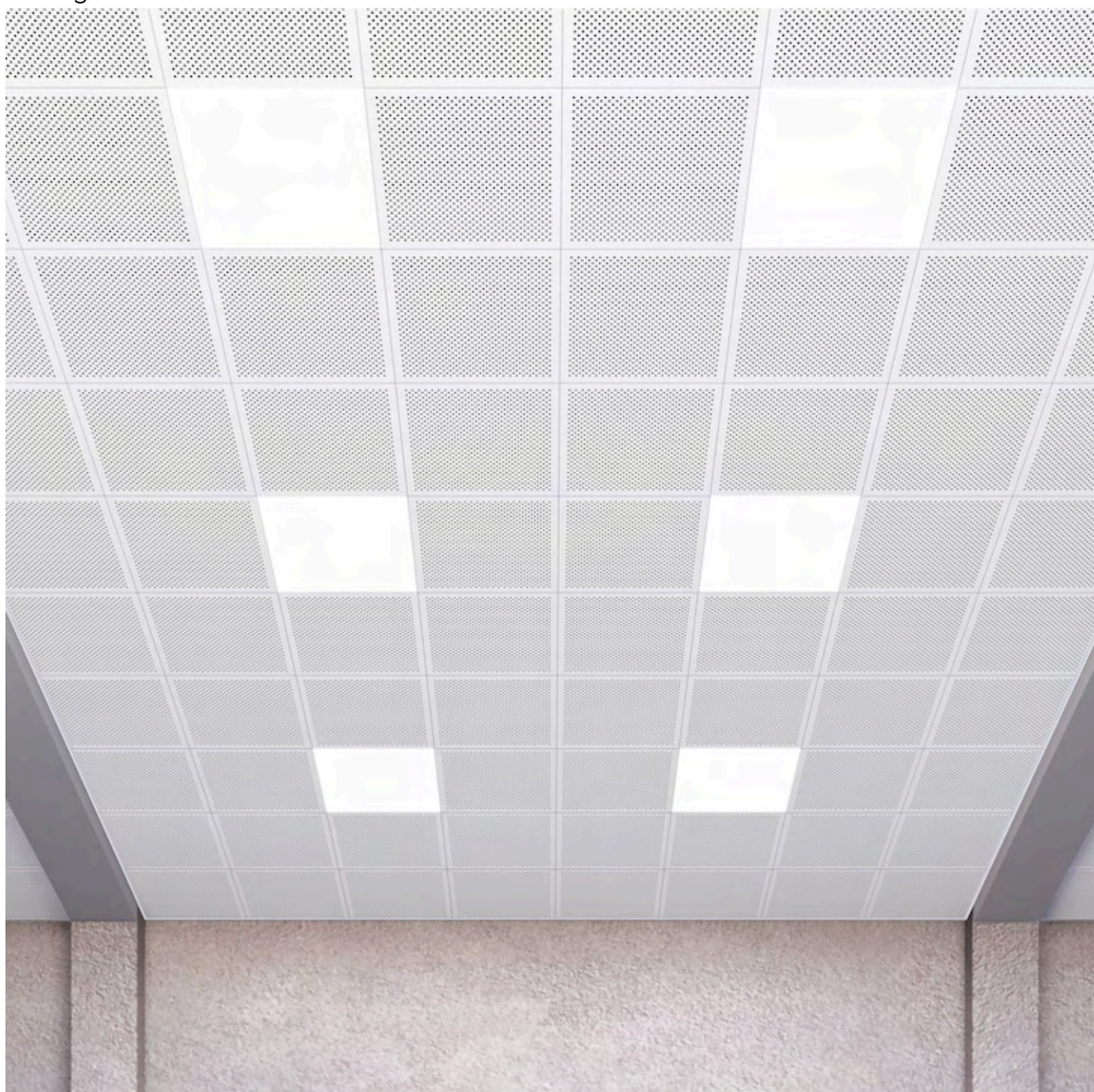
Aluminum: 0.5-1.2.

Steel: 0.50, 0.55, 0.6.

Height (mm): 15, 20, 25, 28.

Style: Plain or Perforated.

Finish: Polyester Powder Coating, Pre-Painted, PVDF, PVC. Options on Page 44-45.



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Clip-In Ceiling (Closed Frame)

TECHNICAL DRAWING

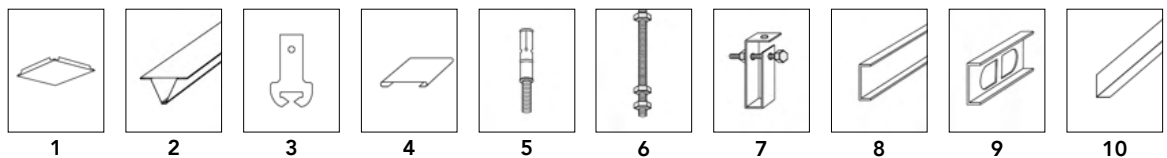
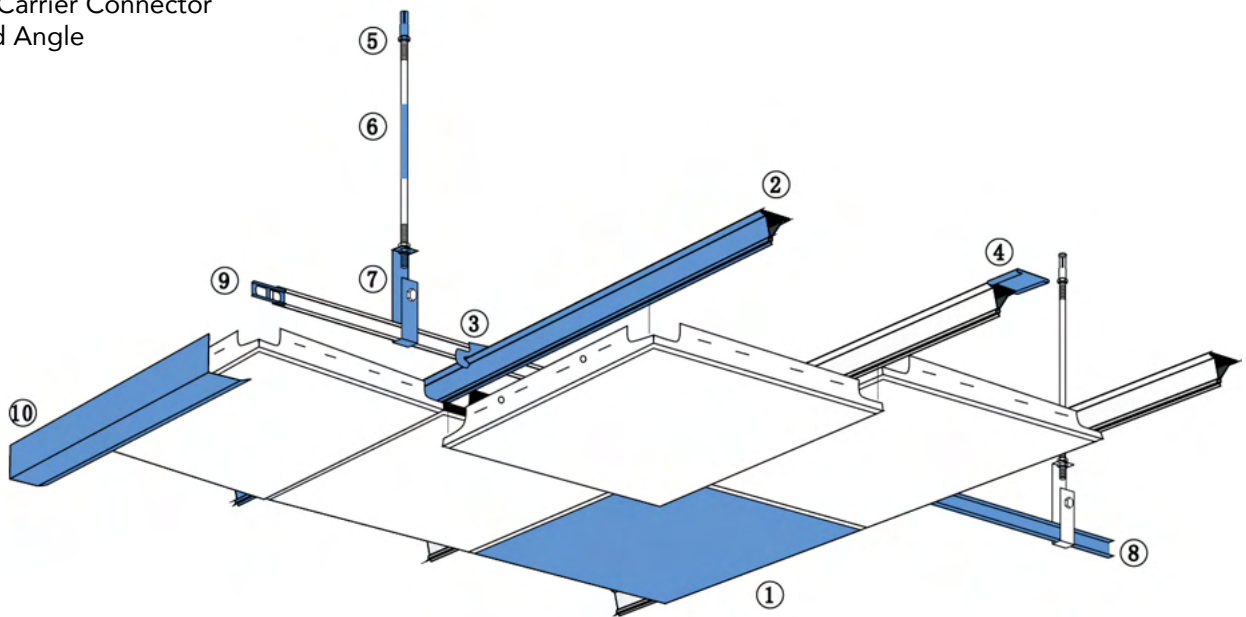
1. Clip-In Panel (Closed Frame)
2. Spring Tee Runner
3. Spring Tee Runner Suspension Bracket
4. Spring Tee Runner Connector
5. Expansion Screw (6 or 8mm)
6. Suspension Bolt and Nuts (6 or 8mm)
7. 38# Main Carrier Suspension Bracket with Bolt and Nut
8. 38# Main Carrier
9. 38# Main Carrier Connector
10. L-Shaped Angle



Beveled Edge
Cross Section

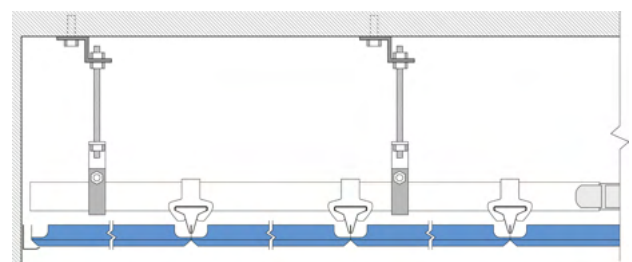


Square Edge
Cross Section



INSTALLATION GUIDE

Mount the wall angles at the desired level. Anchor the Expansion Screw into the ceiling structure, below secured with the Suspension Bolt and Nuts, and the 38# Main Carrier Suspension Bracket. Fix the 38# Main Carrier onto the 38# Main Carrier Suspension Bracket. Secure the Spring Tee Runner onto the 38# Main Carrier using the Spring Tee Runner Suspension Brackets. Fix the Clip-In Ceiling panels firmly into the Spring Tee Runners. Adjust the leveling by fine-tuning the nuts on the Suspension Bolt as needed. Can use a hanger wire to replace the Suspension Bolt and the 38# Main Carrier Suspension Bracket.



Detail Drawing for Clip-In Ceiling Installation

HOOK-ON CEILING

Material: Aluminum

Size (mm): 600x600, 600x1200.

Edge Shape: Square.

Performance: Acoustic (ASTM C423 up to NRC 0.75), Fire Classification (ASTM E84 Class A), Light Reflection, Impact Resistance, and Wind/Suction Load Resistance.

Thickness (mm): 0.8, 0.9, 1.0, 1.1, 1.2.

Height (mm): 30.

Style: Plain or Perforated.

Finish: Polyester Powder Coating, Pre-Painted, PVDF, PVC. Options on Page 44-45.



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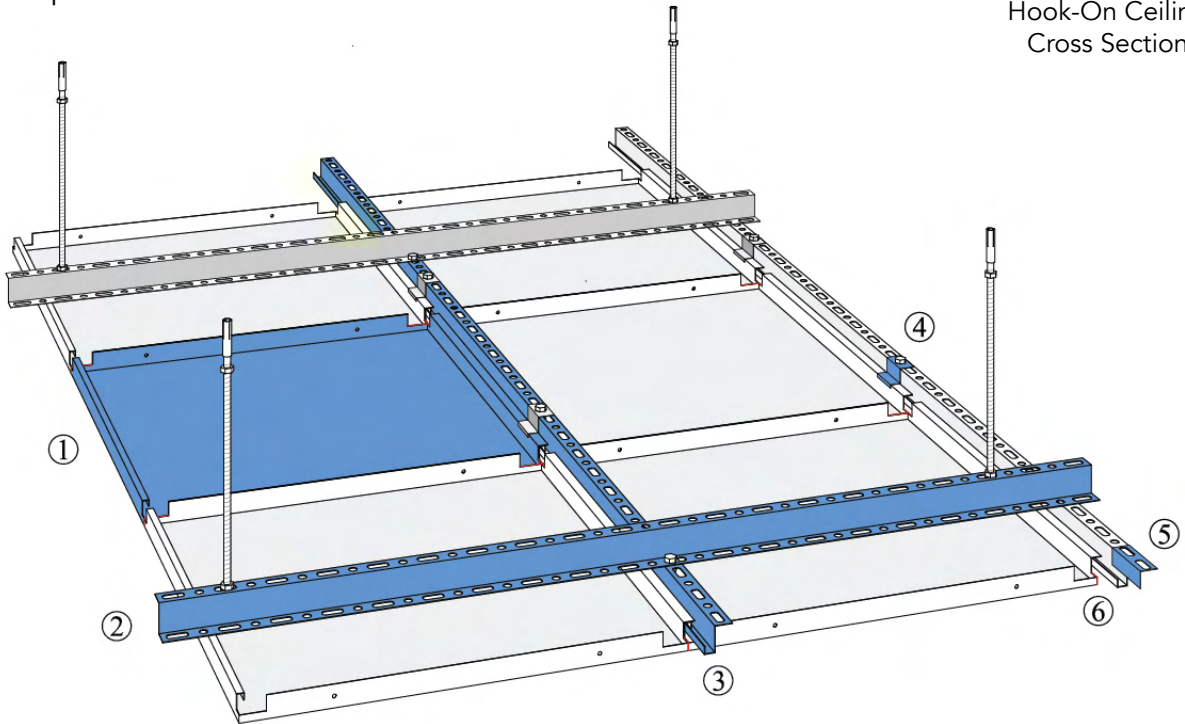
Hook-On Ceiling

TECHNICAL DRAWING

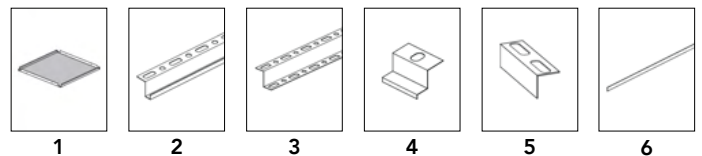
1. Hook-On Panel
2. Z-Carrier A
3. Z-Carrier B
4. Suspension Clip
5. Carrier Connector
6. Black Rubber Strip



Hook-On Ceiling
Cross Section

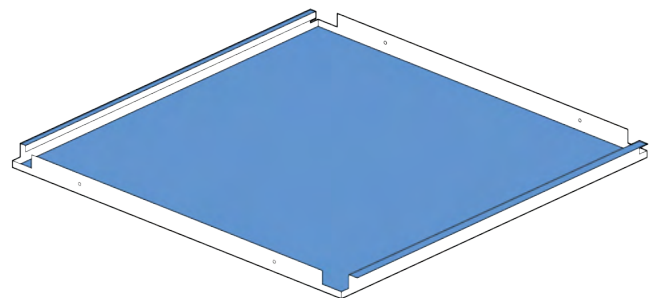


Hook-On Ceiling Side View



INSTALLATION GUIDE

Mount the wall angles at the desired level. Anchor the Expansion Screw into the ceiling structure, below secured with the Suspension Bolt and Nuts. Fix the Z-Carrier A directly onto the Suspension Bolt, then fasten the Z-Carrier B onto Z-Carrier A using bolts and nuts. Secure the Hook-On Ceiling panels, with Black Rubber Strips in between panels, onto the Z-Carrier B using Suspension Clips. Adjust the leveling by fine-tuning the nuts on the Suspension Bolt as needed.



Hook-On Ceiling Diagram

BAFFLE CEILING | Cold Rolled

Material: Aluminum.

Thickness (mm): 0.6, 0.7, 0.8, 0.9, 1.0.

Width (mm): 25, 30, 40, 50, 60.

Height (mm): 50, 100, 150, Up to 200.

Length (mm): Typically 3000; 1000-6000.

Performance: Acoustic, Fire Performance, and Improved Airflow.

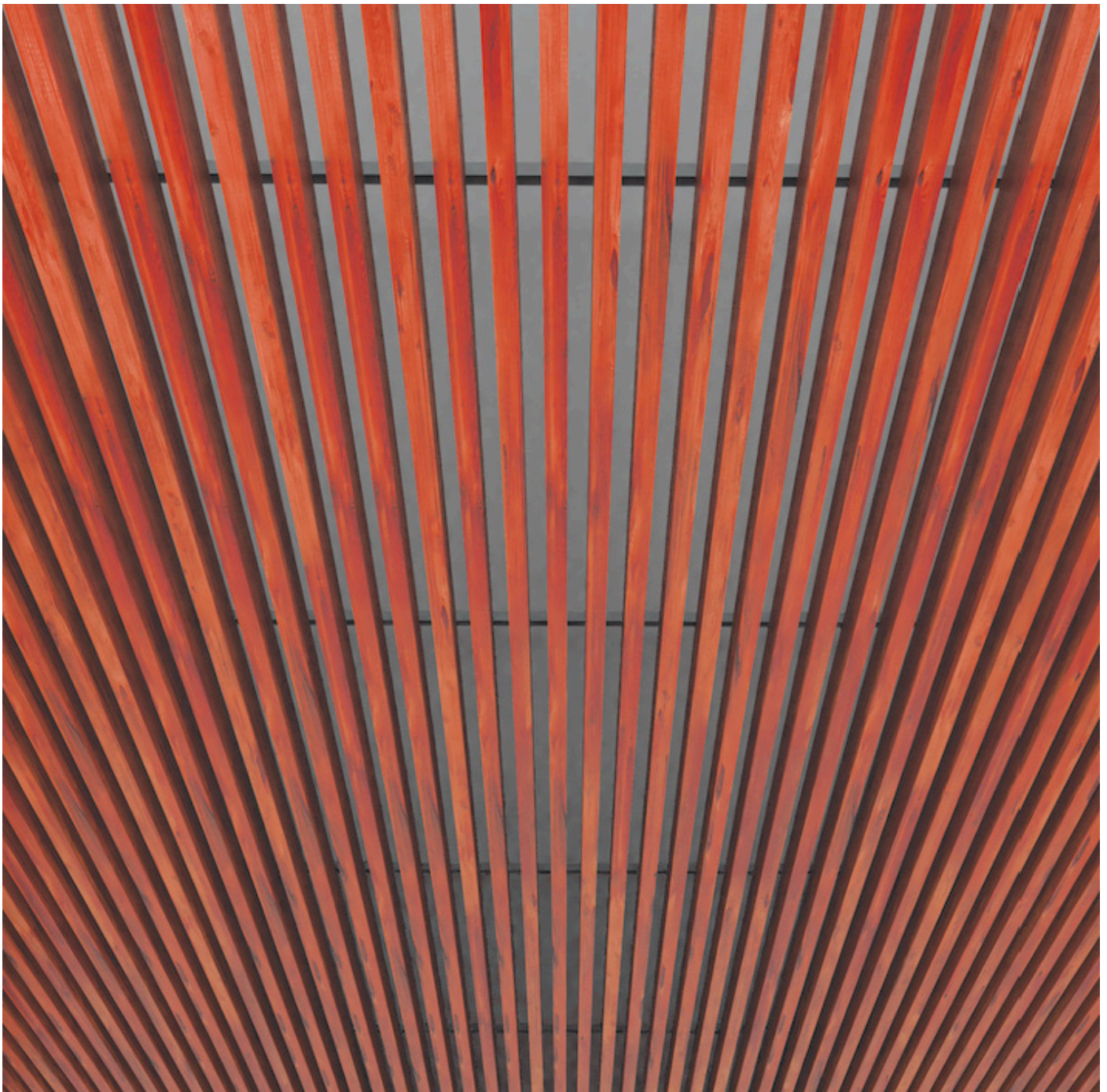
Production Process: Cold Rolled.

Design: Square Groove.

Style: Plain or Perforated.

Finish: Polyester Powder Coating, Pre-Painted, PVDF, PVC. Options on Page 44-45.

Carrier: Customizable Gaps (50, 100, and 150mm for standard). Carrier Color Available in Mill Finish, Black, and White.

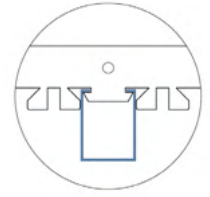


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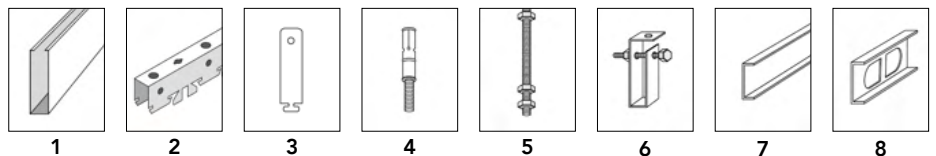
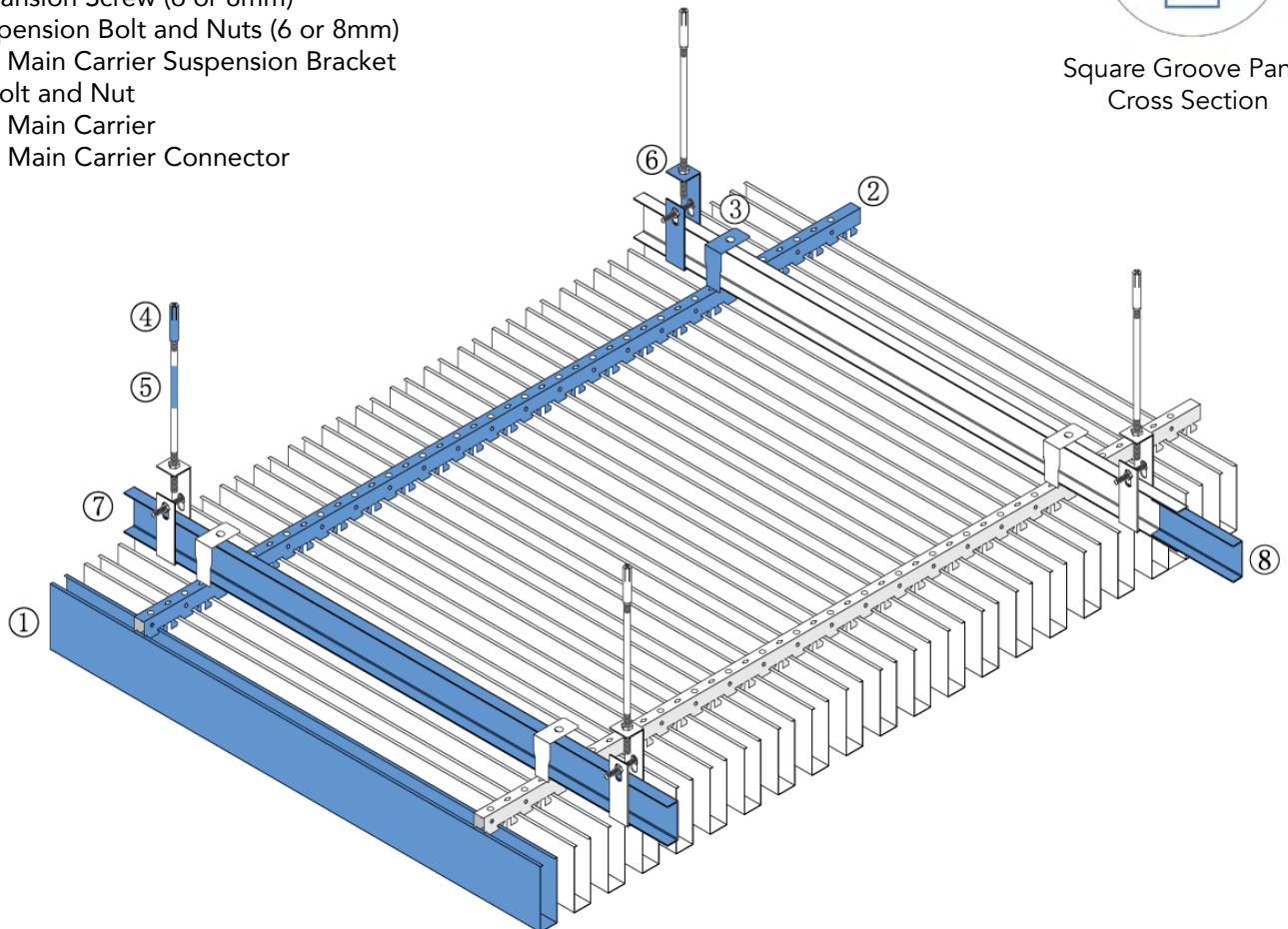
Baffle Ceiling | Cold Rolled

TECHNICAL DRAWING | *Square Groove*

1. Square Groove Panel Ceiling
2. Panel Carrier
3. Hanger
4. Expansion Screw (6 or 8mm)
5. Suspension Bolt and Nuts (6 or 8mm)
6. 38# Main Carrier Suspension Bracket with Bolt and Nut
7. 38# Main Carrier
8. 38# Main Carrier Connector



Square Groove Panel
Cross Section



INSTALLATION GUIDE

Anchor the Expansion Screw into the ceiling structure, below secured with the Suspension Bolt and Nuts, and the 38# Main Carrier Suspension Bracket. Secure the Panel Carrier using the Hanger onto the 38# Main Carrier. Adjust the leveling by fine-tuning the nuts on the Suspension Bolt as needed. Fix the Square Groove Ceiling panels onto the Panel Carrier at the desired spacing. Lock the Square Groove Ceiling panels in place using the locking mechanism of the Panel Carrier.

For alternative installation, use a hanger wire in place of the Suspension Bolt and the Main Carrier Suspension Bracket and wrap hanger wire around the 38# Main Carrier. Attach the other end of the hanger wire to lag screw.

BAFFLE CEILING | Extruded

Material: Aluminum.

Thickness (mm): 0.85, 0.9, 0.95, 1.0, 1.2, 1.3, 1.4.

Design: Tube or Square Groove.

Length (mm): Typically 3000; 1000-6000.

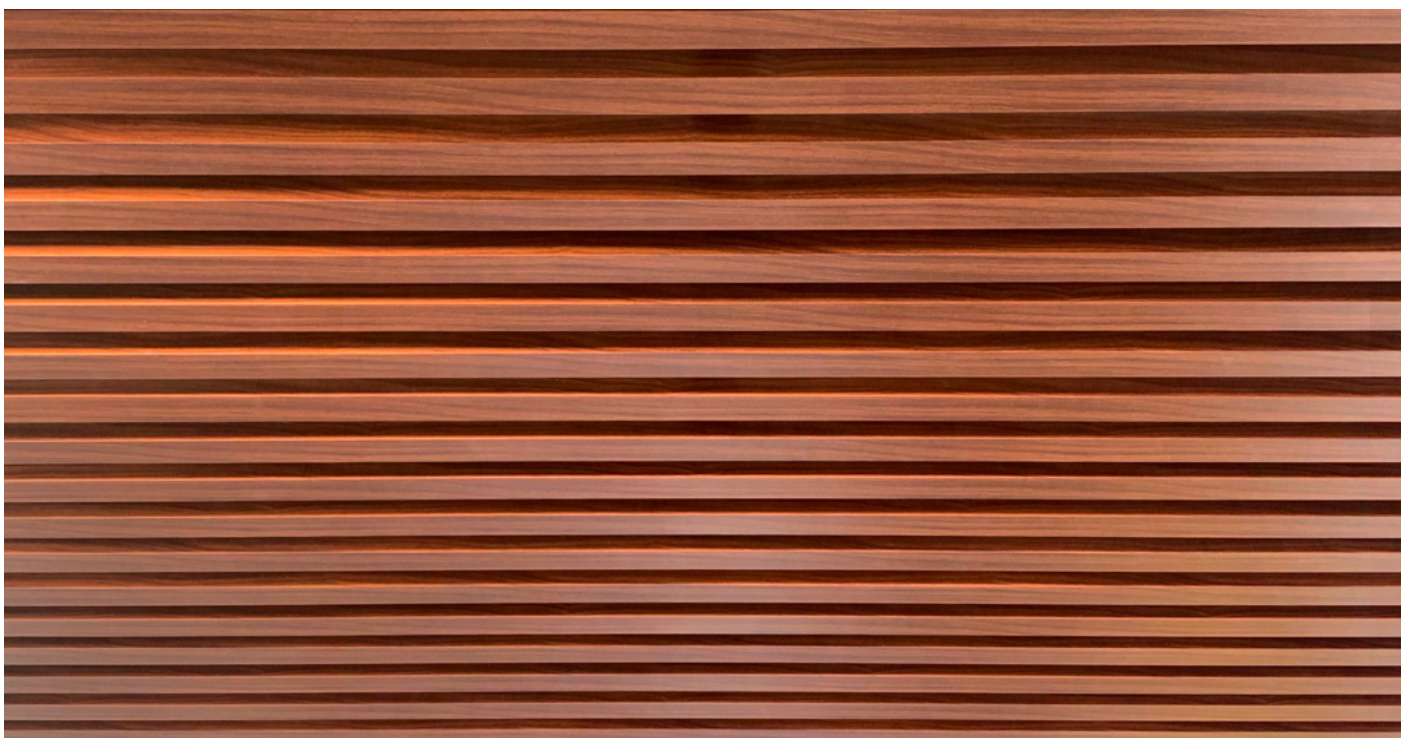
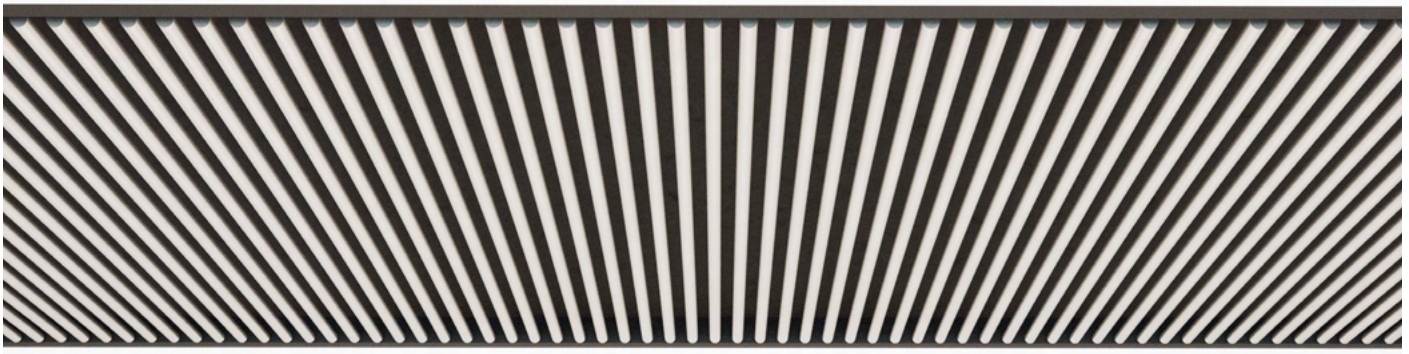
Performance: Acoustic, Fire Performance, and Improved Airflow.

Process: Extruded.

Style: Plain.

Finish: Wood Grain Transferred Printing, Polyester Powder Coating, PVDF. Options on Page 44.

Carrier: Customizable Gaps. Carrier Color Available in Mill Finish, Black, and White.

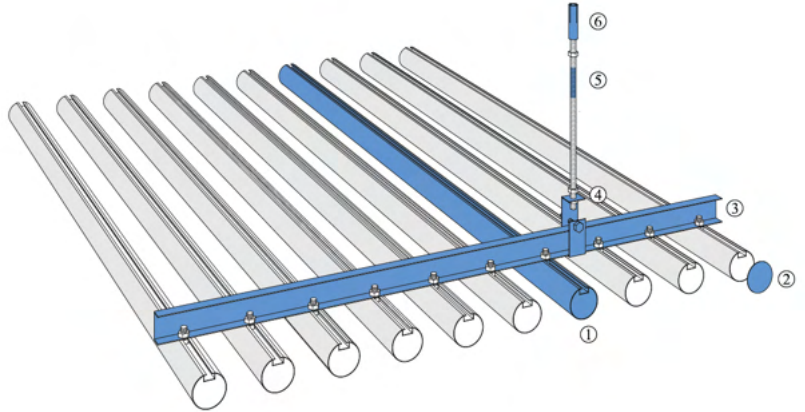
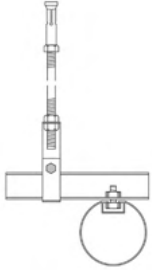


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Baffle Ceiling | Extruded

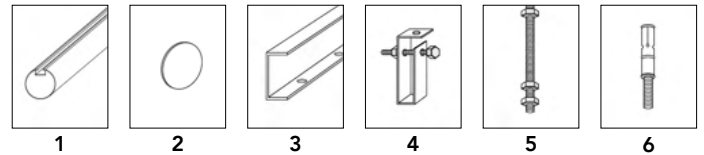
TECHNICAL DRAWING | *Tubeline*

1. Tubeline Ceiling
2. End Cap
3. 38#B Main Carrier
4. 38# Main Carrier Suspension Bracket with Bolt and Nut
5. Suspension Bolt and Nuts (6 or 8mm)
6. Expansion Screw (6 or 8mm)



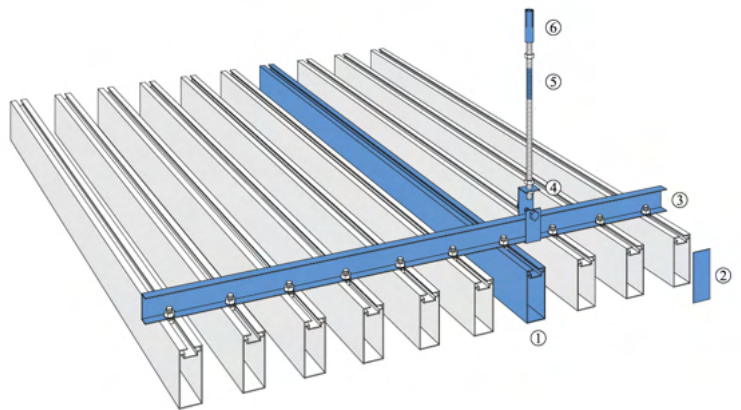
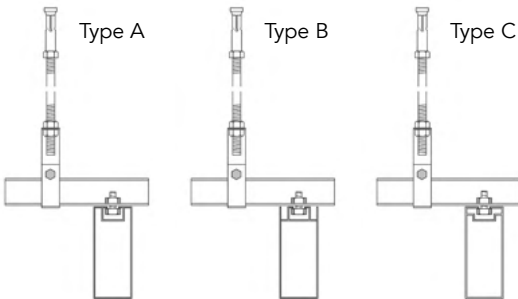
SPECIFICATIONS

Thickness (mm): 0.85.
 Diameter (mm): 50.
 Length (mm): Up to 6000.
 Gap (mm): Typically 50, 100.



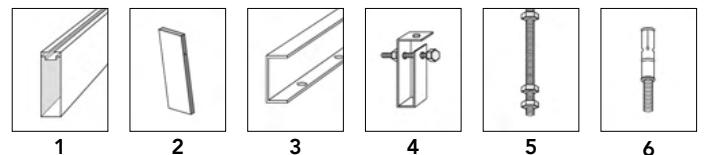
TECHNICAL DRAWING | *Square Groove*

1. Square Groove Ceiling Extruded
2. End Cap
3. 38#B Main Carrier
4. 38# Main Carrier Suspension Bracket with Bolt and Nut
5. Suspension Bolt and Nuts (6 or 8mm)
6. Expansion Screw (6 or 8mm)



SPECIFICATIONS

Thickness (mm): 0.85, 0.9, 0.95, 1.0, 1.2, 1.3, 1.4.
 Width x Height (mm): 25x50, 25x75, 25x100, 30x150, 50x100, 50x150.
 Length (mm): Up to 6000.
 Gap (mm): Typically 50, 75, 100, 150.



OPEN CELL CEILING

Material: Aluminum

Thickness (mm): 0.4, 0.5, 0.6.

Width (mm): 10, 15, 20.

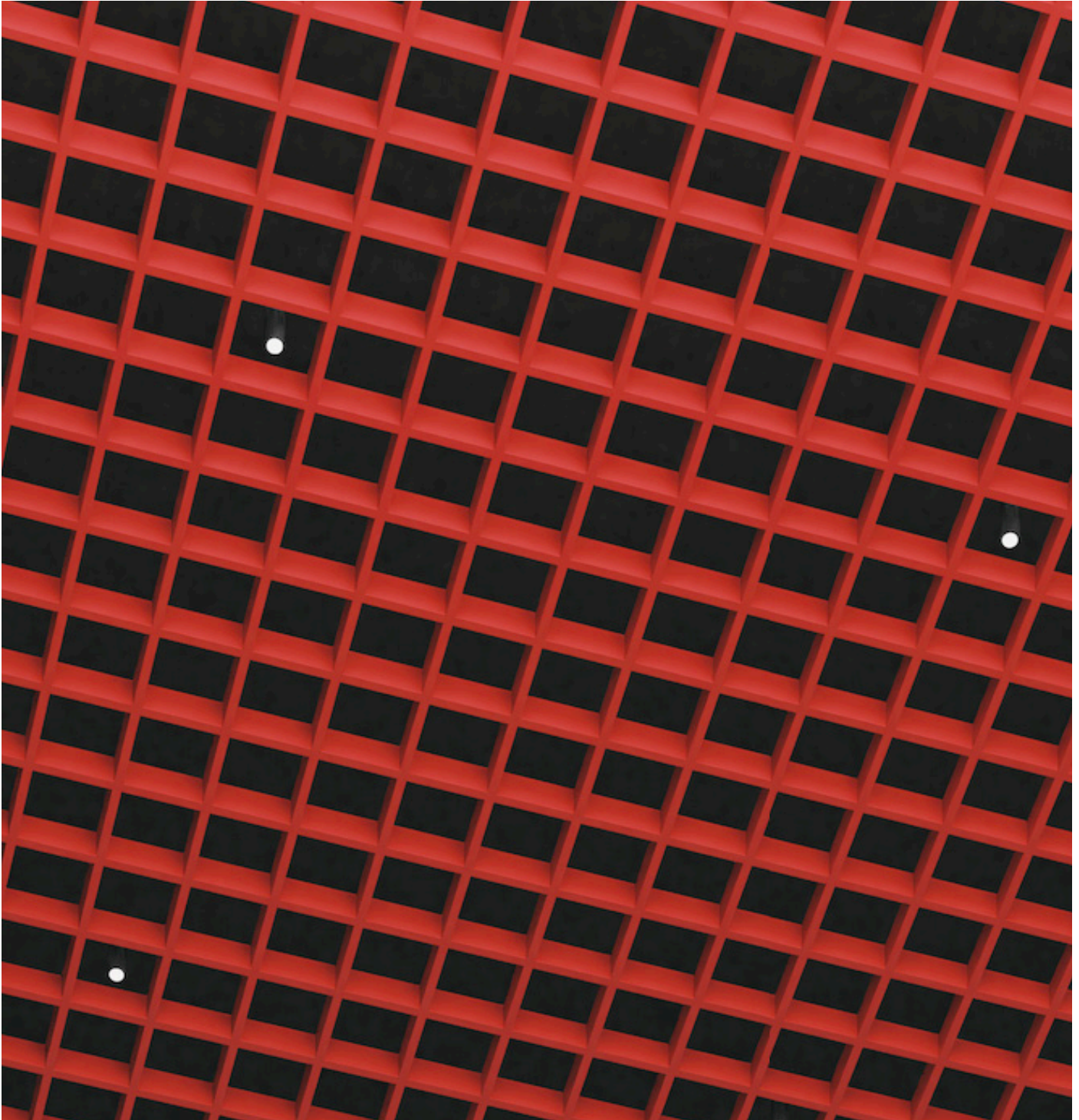
Height (mm): 40, 50, 60.

Length (mm): Typically, 2000, Up to 2000.

Cell Size (mm): 50x50, 75x75, 100x100, 125x125, 150x150, 200x200, 250x250.

Finish: Polyester Powder Coating, Pre-Painted, PVDF, PVC. Options on Page 44-45.

Performance: Acoustic, Fire Performance, Improved Airflow, and Smoke Extraction.

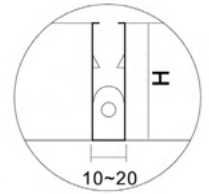


Notice: See the SI unit catalog for exact measurement. Talent Building Material, Inc. assumes no responsibility for any errors that may inadvertently appear in this document.

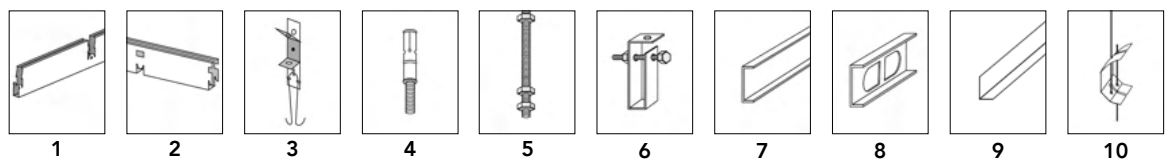
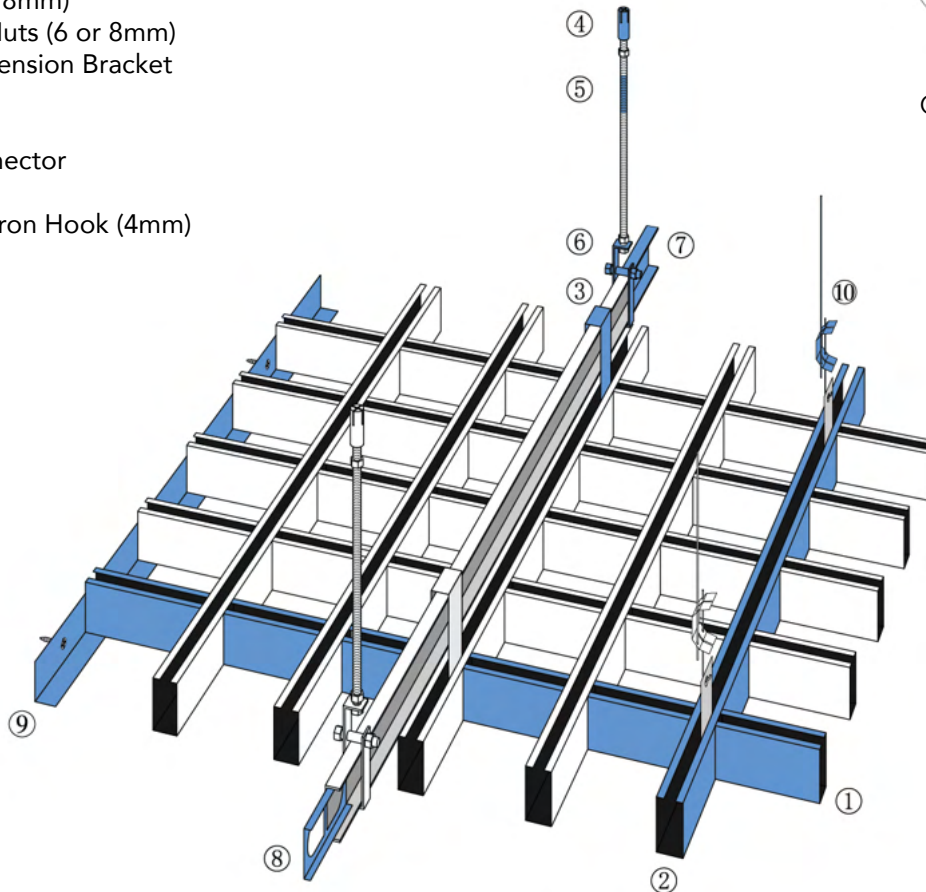
Open Cell Ceiling

TECHNICAL DRAWING

1. Main Carrier
2. Cross Carrier
3. Hanger
4. Expansion Screw (6 or 8mm)
5. Suspension Bolt and Nuts (6 or 8mm)
6. 38# Main Carrier Suspension Bracket with Bolt and Nut
7. 38# Main Carrier
8. 38# Main Carrier Connector
9. L-Shaped Angle
10. Adjustable Clip and Iron Hook (4mm)



Open Cell Ceiling Cross Section

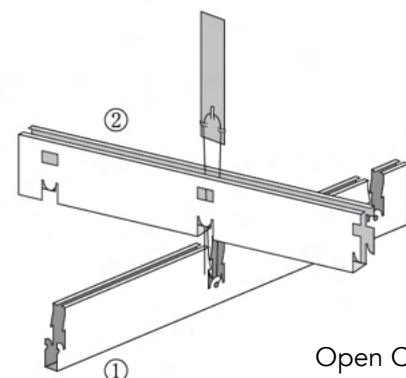


INSTALLATION GUIDE | Three Methods

Method 1: Continuous installation composed of open cell ceiling carriers in one size.

Method 2: Continuous installation composed of open cell ceiling carriers in different sizes.

Method 3: Installation with TALENT® T-grid structural system. Lay in each open cell unit on the T-grid structure.



Open Cell Ceiling Detail Drawing

STRIP CEILING

Types:

- C-Shaped Ceiling - (closed, no gap)
- S-Shaped Ceiling - (closed, no gap)
- A-Shaped Ceiling - (closed, no gap)
- G-Shaped Ceiling - (closed, with gap)
- U-Shaped Ceiling - (closed, with gap)
- H-Shaped Ceiling - (open, with gap)
- C85-Shaped Ceiling - (open, with/without gap)
- V-Shaped Ceiling - (open, with gap)
- Blade Ceiling - (open, with gap)

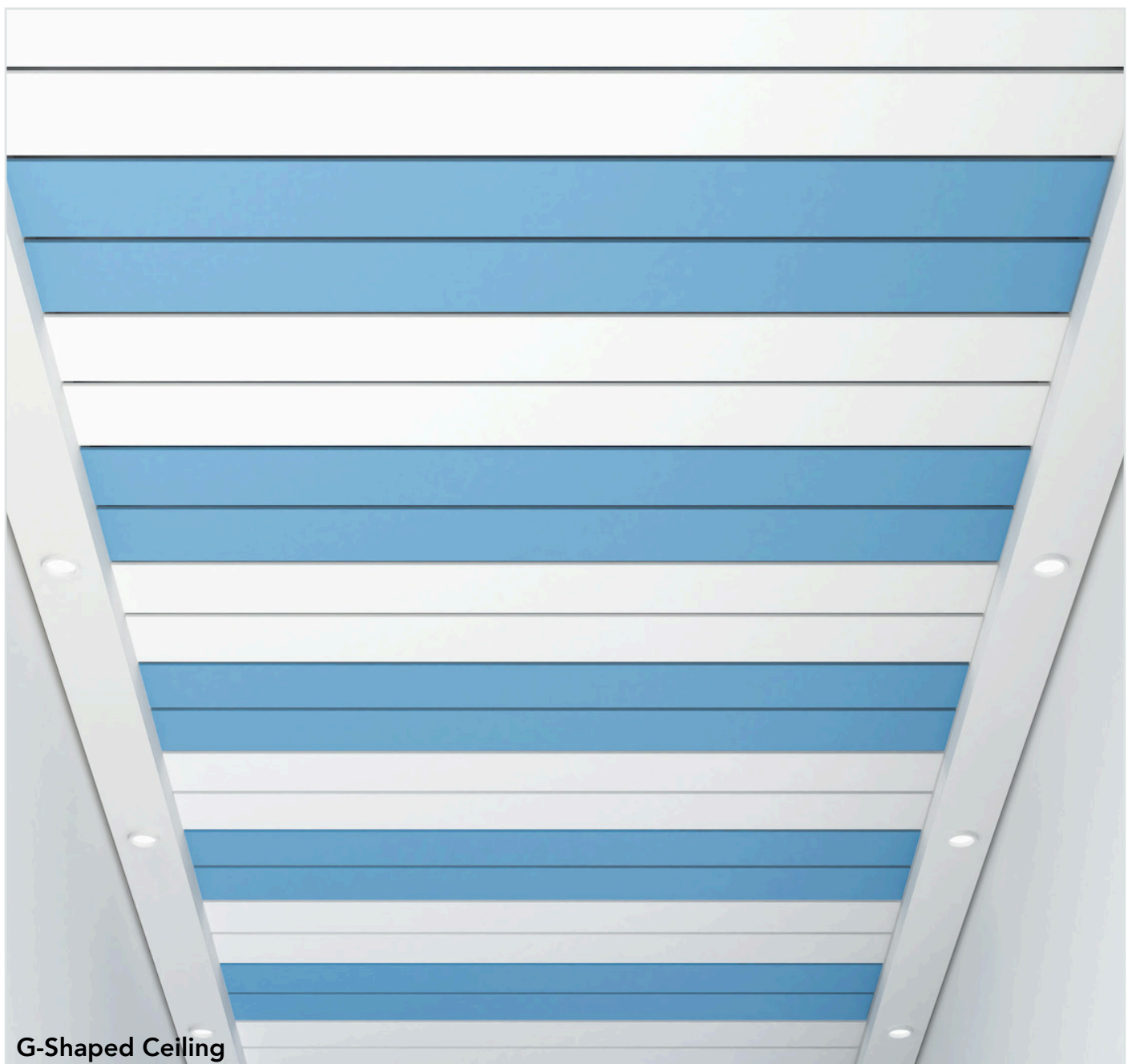
Material: Aluminum

Style: Plain or Perforated.

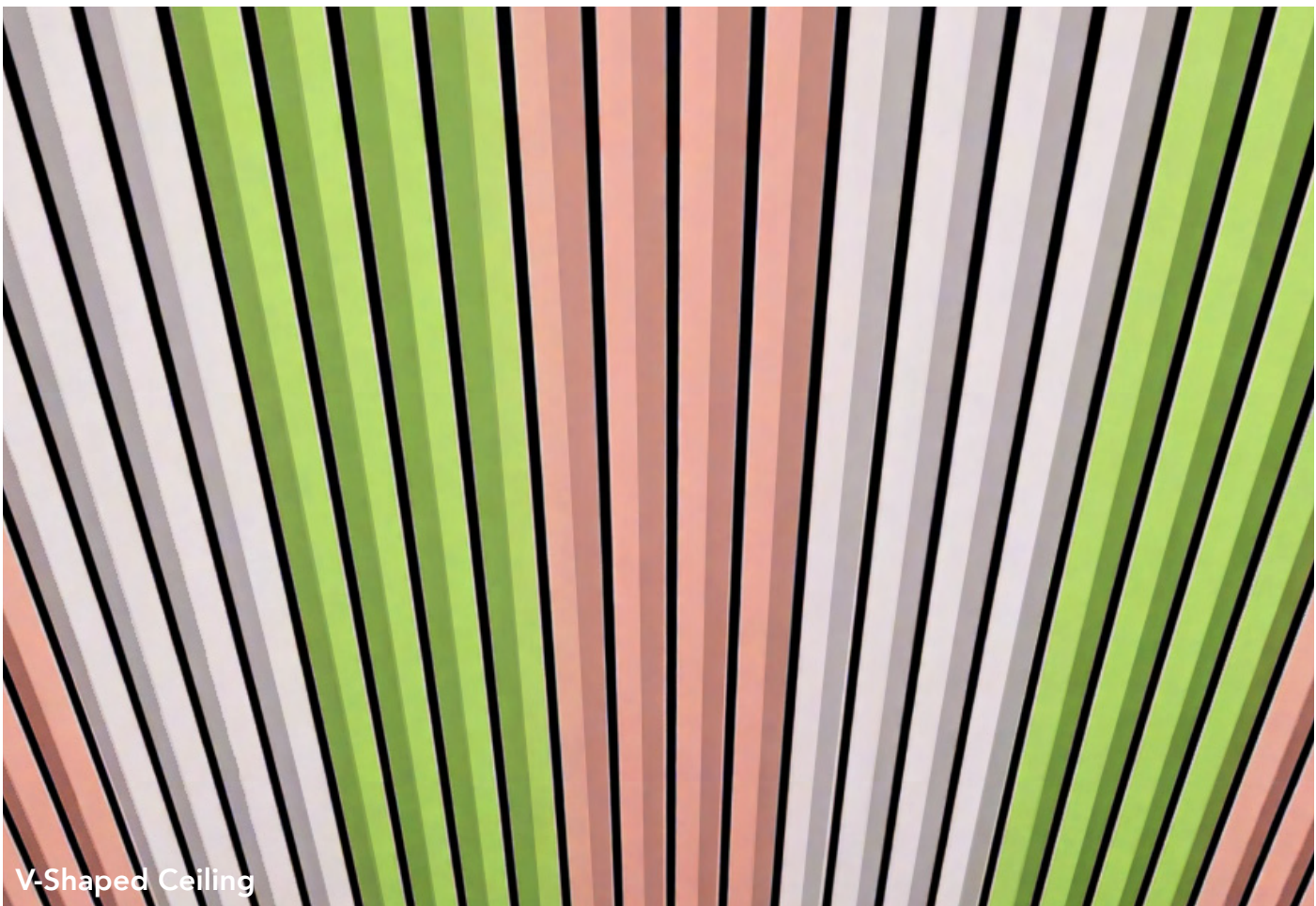
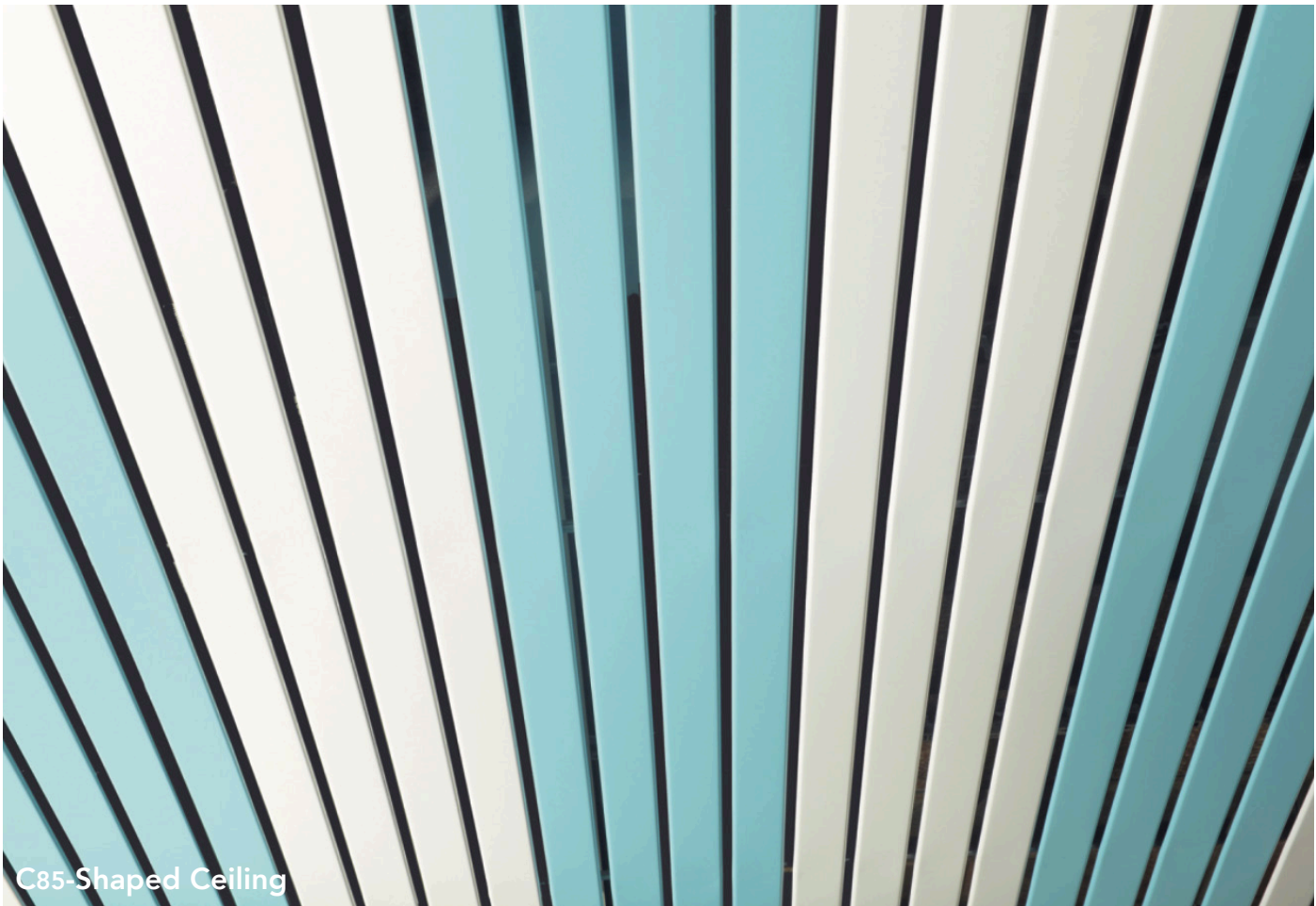
Finish: Polyester Powder Coating, Pre-Painted, PVDF, PVC. Options on Page 44-45.

Carrier: Customizable Gaps. Carrier Color Available in Mill Finish, Black, and White.

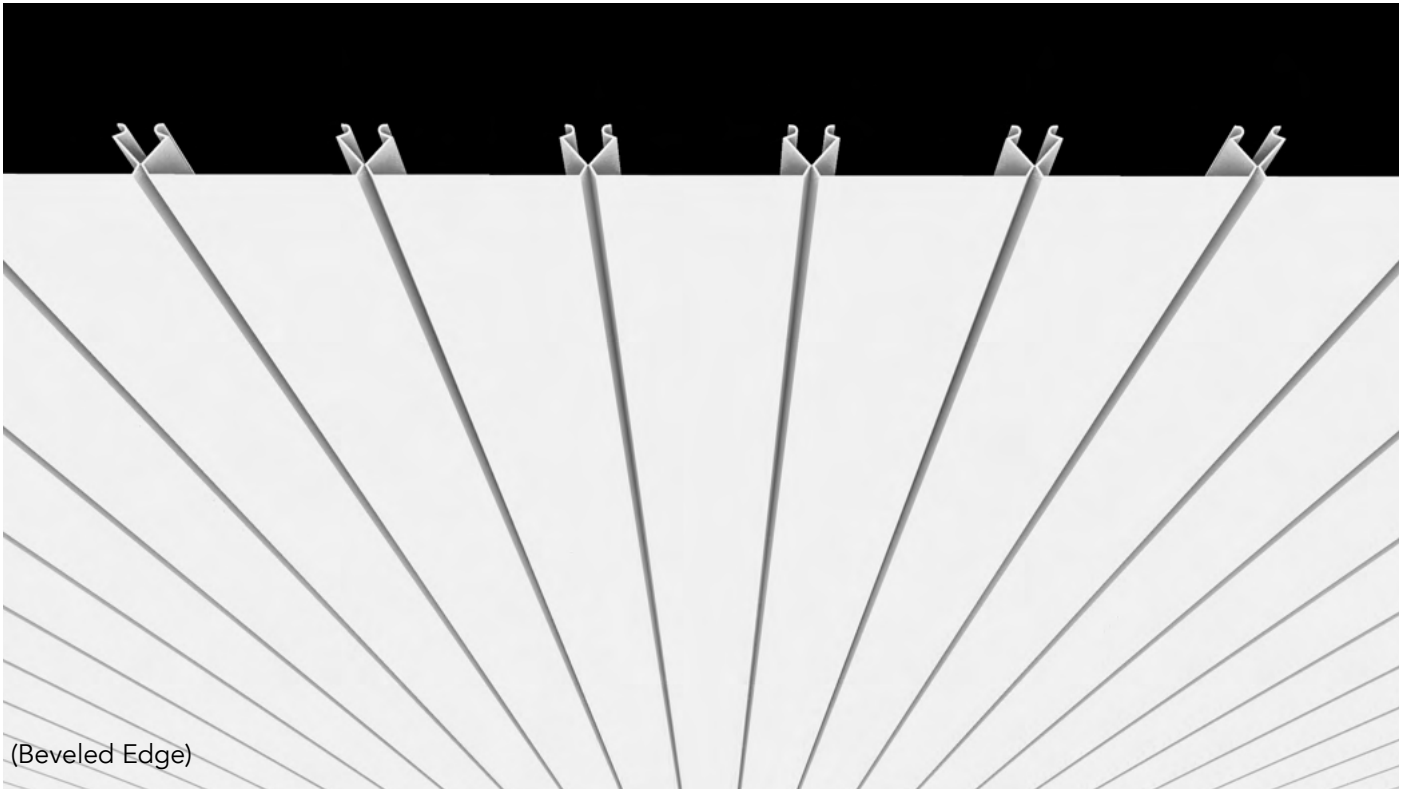
Performance: Acoustic and Fire Performance.



G-Shaped Ceiling

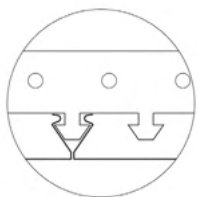


C-Shaped Strip Ceiling

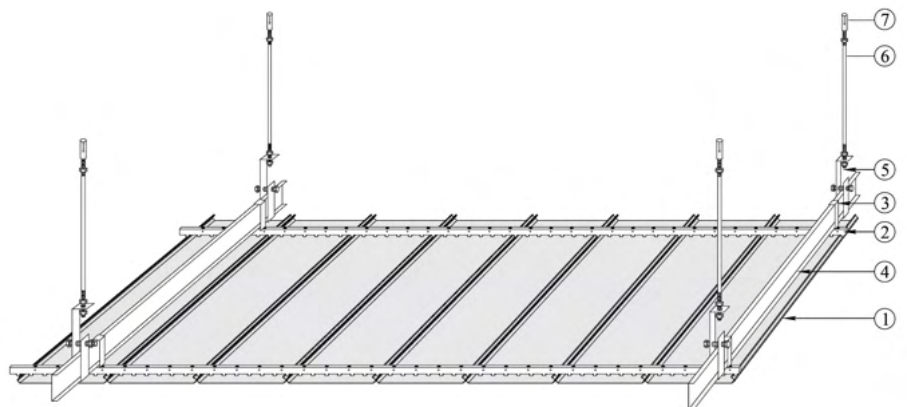


TECHNICAL DRAWING | C-Shaped

1. C-Shaped Ceiling Panel
2. Horizontal Carrier
3. Hanger
4. Expansion Screw (6 or 8mm)
5. Suspension Bolt and Nuts (6 or 8mm)
6. 38# Main Carrier Suspension Bracket with Bolt and Nut
7. 38# Main Carrier

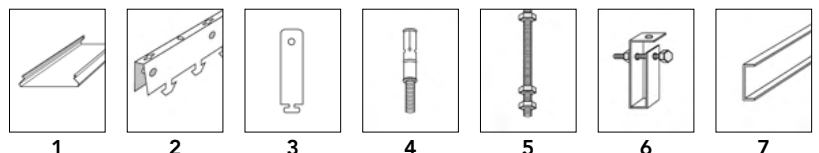


C-Shaped
Cross Section



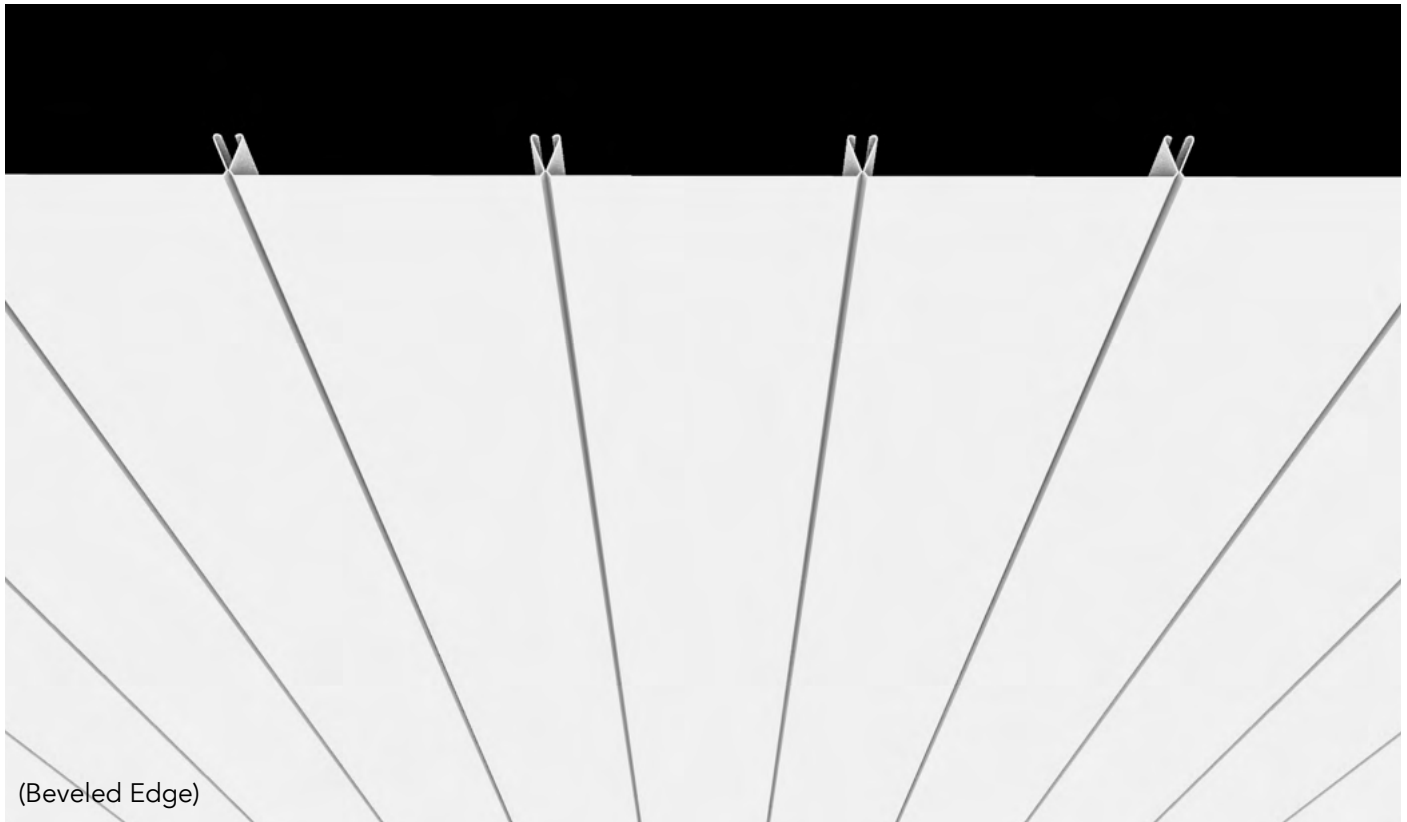
SPECIFICATIONS

Thickness (mm): 0.6, 0.7, 0.8, 0.9, 1.0.
 Square Edge W x H (mm): 25x15, 50x15.
 Beveled Edge W x H (mm): 75x15,
 100x15, 150x15, 200x15, 300x15, 300x30.
 Length (mm): Up to 6000.
 Gap (mm): No Gap.
 Performance: Acoustic, Fire Performance,
 and Easy Installation.



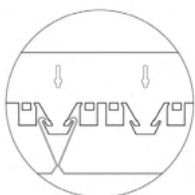
Notice: See the SI unit catalog for exact measurement. Talent Building Material, Inc. assumes no responsibility for any errors that may inadvertently appear in this document.

S-Shaped Strip Ceiling

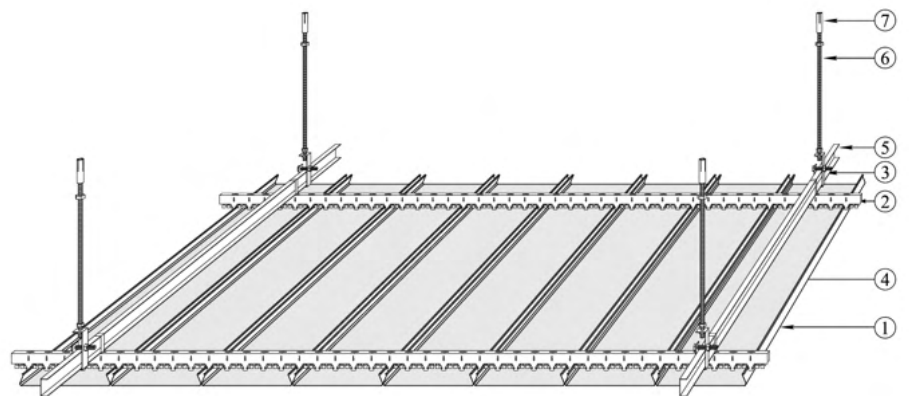


TECHNICAL DRAWING | S-Shaped

1. S-Shaped Ceiling Panel
2. Horizontal Carrier
3. Hanger
4. Expansion Screw (6 or 8mm)
5. Suspension Bolt and Nuts (6 or 8mm)
6. 38# Main Carrier Suspension Bracket with Bolt and Nut
7. 38# Main Carrier



S-Shaped
Cross Section



SPECIFICATIONS

Thickness (mm): 0.8, 0.9, 1.0

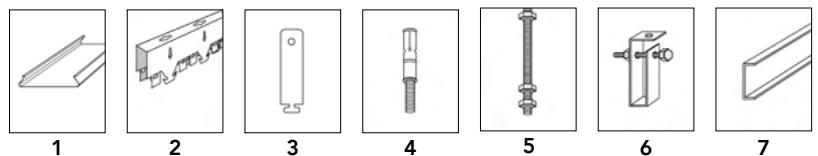
Width x Height (mm): 300x30.

Length (mm): Up to 6000.

Edge shape: Beveled.

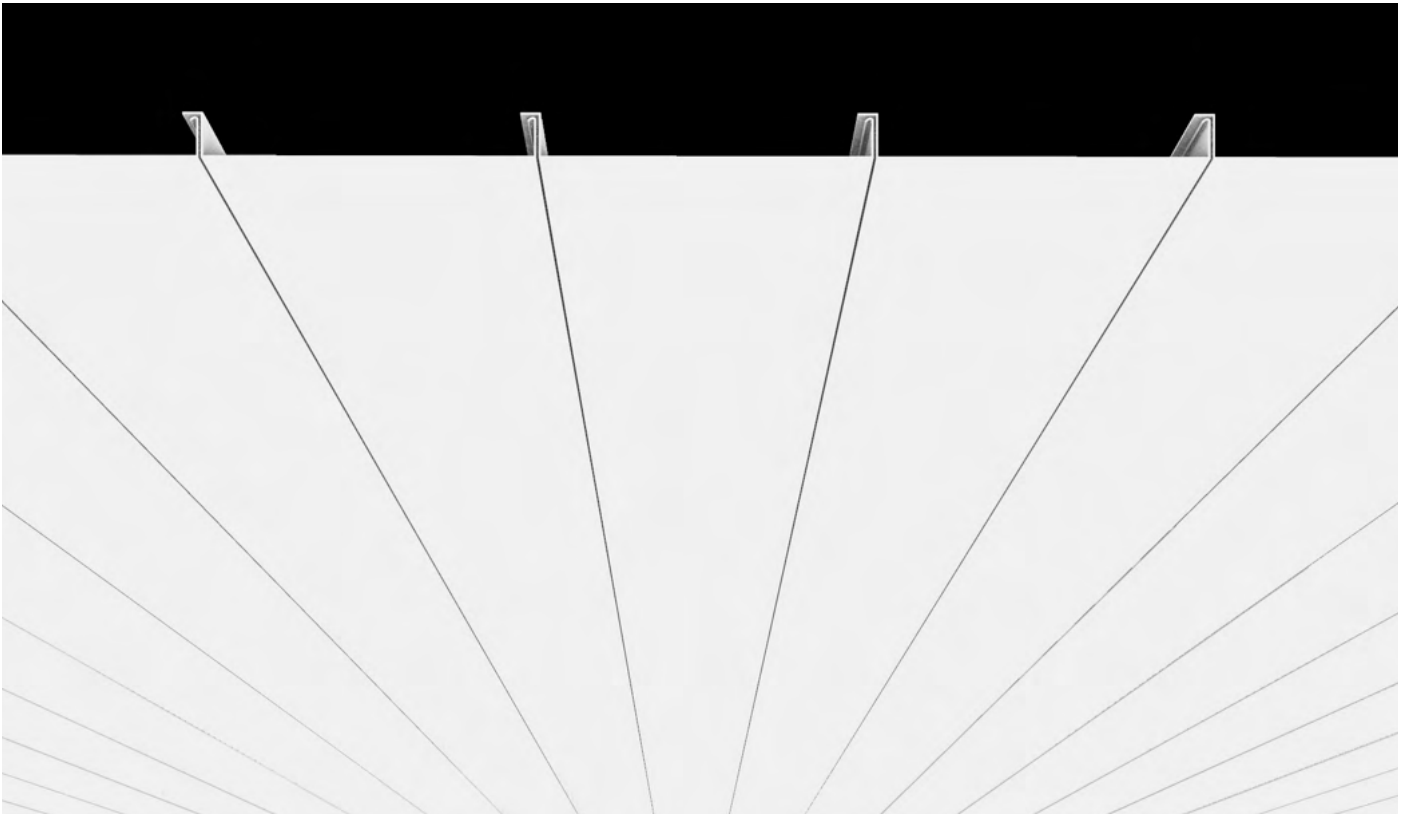
Gap (mm): No Gap.

Performance: Acoustic, Fire Performance,
and Wind Resistance.



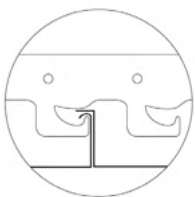
Notice: See the SI unit catalog for exact measurement. Talent Building Material, Inc. assumes no responsibility for any errors that may inadvertently appear in this document.

A-Shaped Strip Ceiling

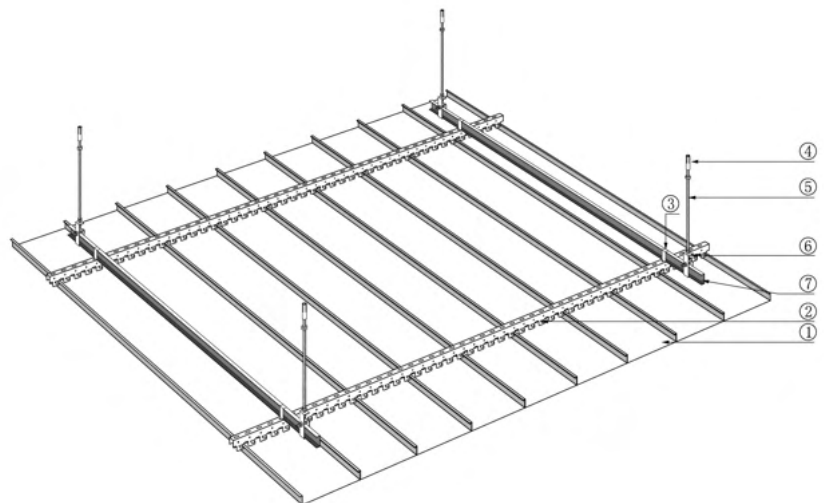


TECHNICAL DRAWING | A-Shaped

1. A-Shaped Ceiling Panel
2. Horizontal Carrier
3. Hanger
4. Expansion Screw (6 or 8mm)
5. Suspension Bolt and Nuts (6 or 8mm)
6. 38# Main Carrier Suspension Bracket with Bolt and Nut
7. 38# Main Carrier

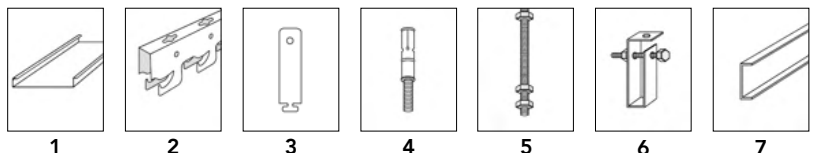


A-Shaped
Cross Section



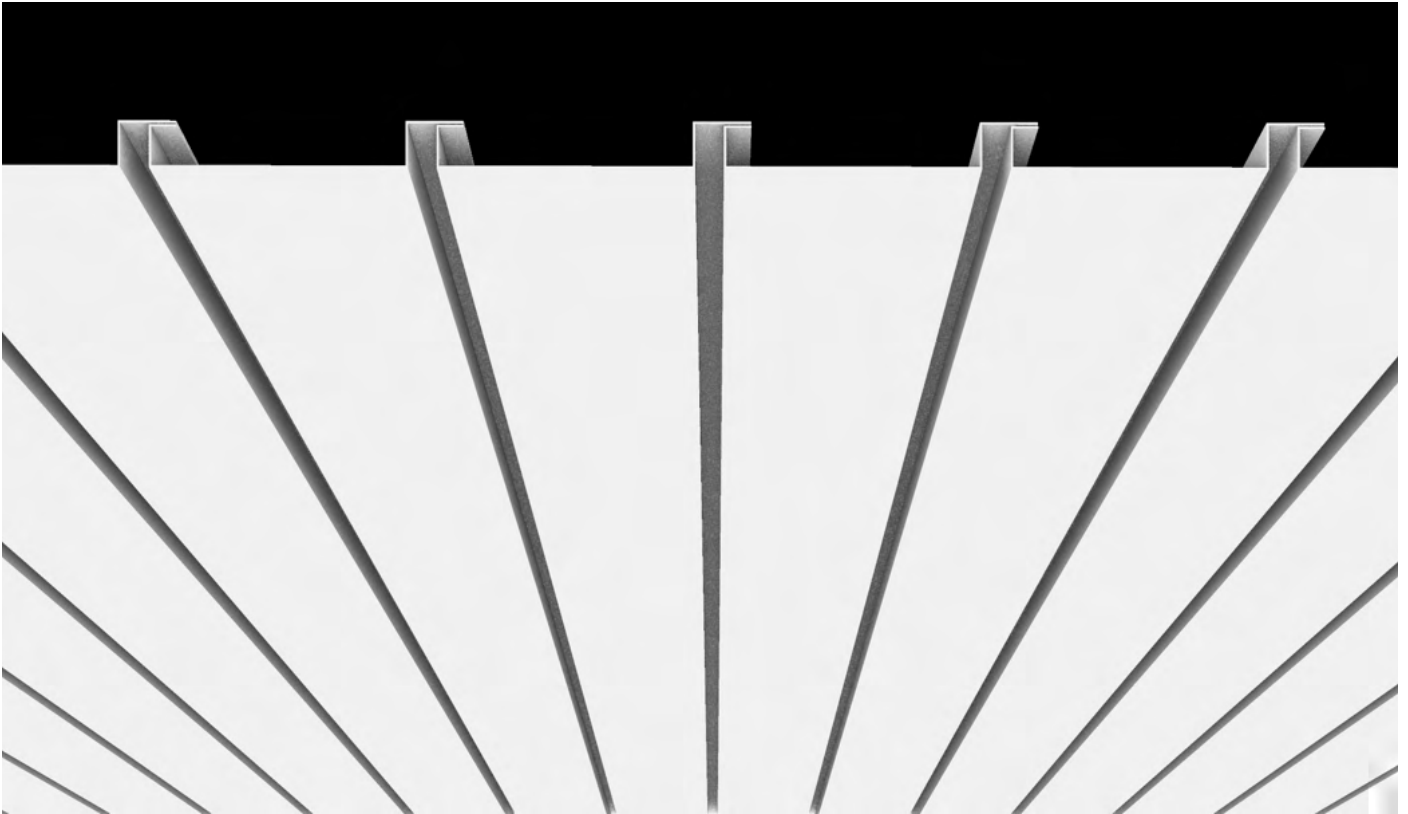
SPECIFICATIONS

Thickness (mm): 0.6, 0.7, 0.8.
 Width (mm): 100, 150, 200, 250, 300.
 Height (mm): 30.
 Length (mm): Up to 6000.
 Gap (mm): No Gap.
 Performance: Acoustic and Fire
 Performance.



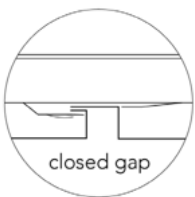
Notice: See the SI unit catalog for exact measurement. Talent Building Material, Inc. assumes no responsibility for any errors that may inadvertently appear in this document.

G-Shaped Strip Ceiling

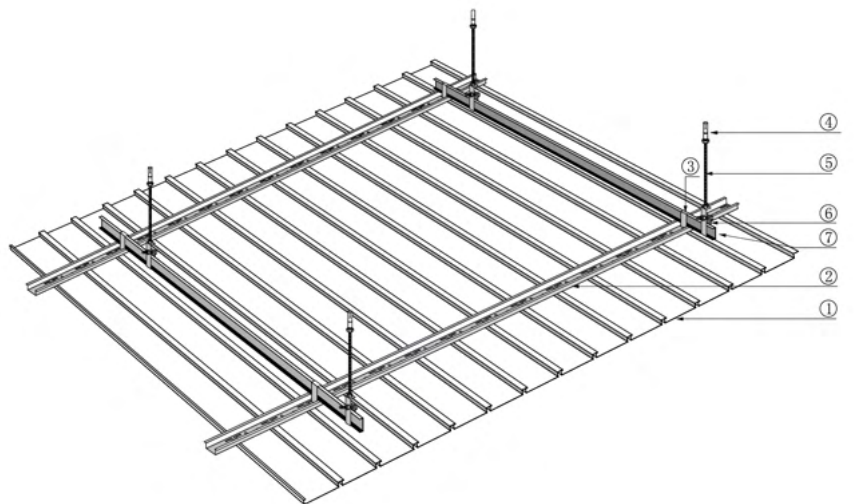


TECHNICAL DRAWING | G-Shaped

1. G-Shaped Ceiling Panel
2. Horizontal Carrier
3. Hanger
4. Expansion Screw (6 or 8mm)
5. Suspension Bolt and Nuts (6 or 8mm)
6. 38# Main Carrier Suspension Bracket with Bolt and Nut
7. 38# Main Carrier



G-Shaped
Cross Section



SPECIFICATIONS

Thickness (mm): 0.6, 0.7, 0.8, 0.9, 1.0.

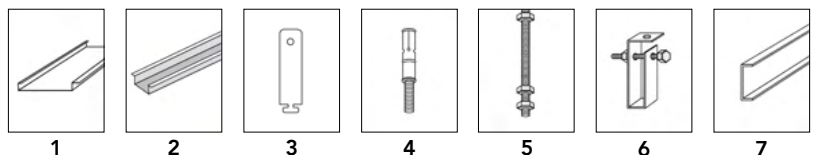
Width (mm): 100, 200, 300.

Height (mm): 15.

Length (mm): Up to 6000.

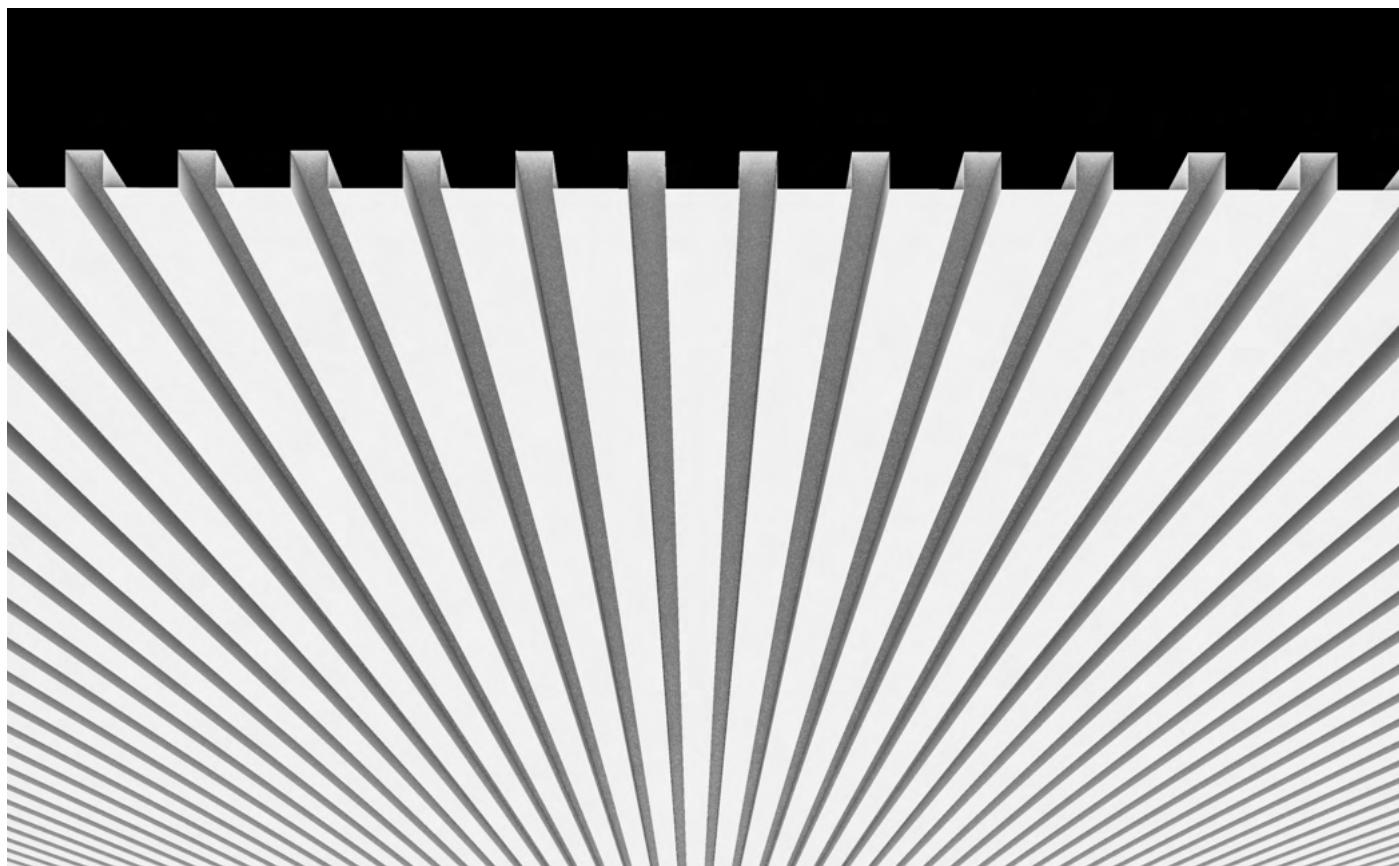
Gap (mm): 10.

Performance: Acoustic, Fire Performance,
Wind Resistance, and Impact Resistance.



Notice: See the SI unit catalog for exact measurement. Talent Building Material, Inc. assumes no responsibility for any errors that may inadvertently appear in this document.

U-Shaped Strip Ceiling

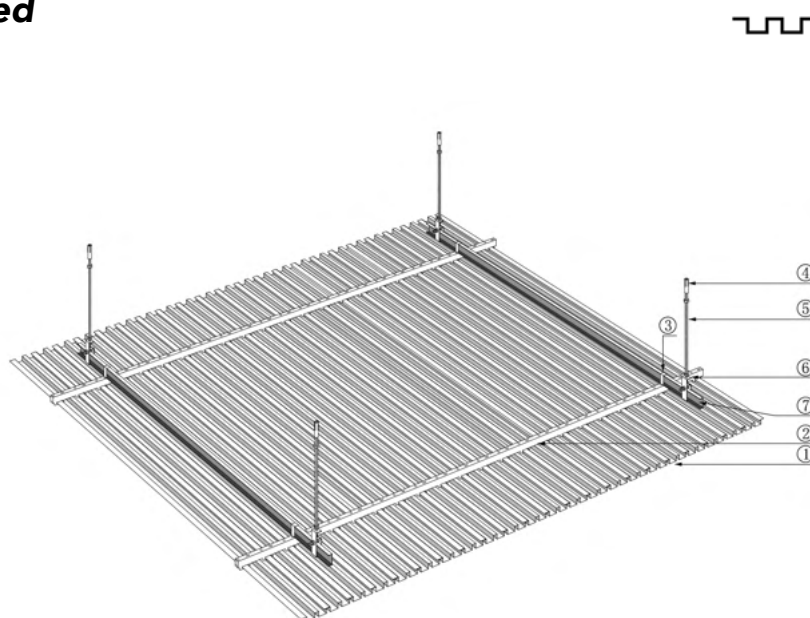


TECHNICAL DRAWING | U-Shaped

1. U-Shaped Ceiling Panel
2. Horizontal Carrier
3. Hanger
4. Expansion Screw (6 or 8mm)
5. Suspension Bolt and Nuts (6 or 8mm)
6. 38# Main Carrier Suspension Bracket with Bolt and Nut
7. 38# Main Carrier



U-Shaped
Cross Section



SPECIFICATIONS

Thickness (mm): 0.6, 0.7, 0.8, 0.9, 1.0

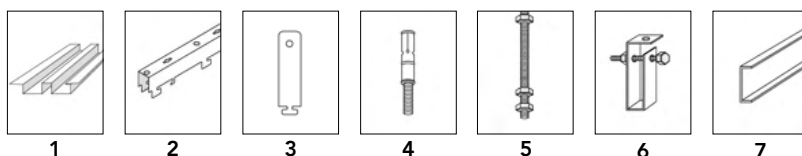
Width (mm): 120.

Height (mm): 20.

Length (mm): Up to 3000.

Gap (mm): 20.

Performance: Acoustic, Fire
Performance, and Wind Resistance.



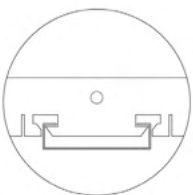
Notice: See the SI unit catalog for exact measurement. Talent Building Material, Inc. assumes no responsibility for any errors that may inadvertently appear in this document.

H-Shaped Strip Ceiling

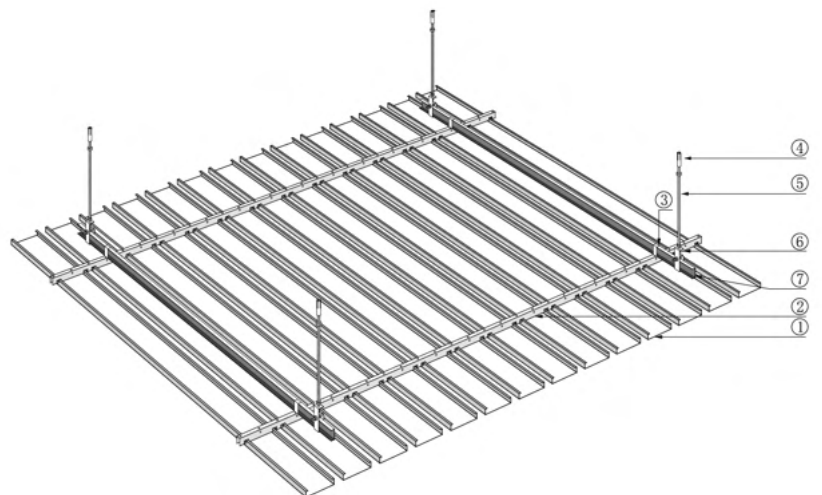


TECHNICAL DRAWING | *H-Shaped*

1. H-Shaped Ceiling Panel
2. Horizontal Carrier
3. Hanger
4. Expansion Screw (6 or 8mm)
5. Suspension Bolt and Nuts (6 or 8mm)
6. 38# Main Carrier Suspension Bracket with Bolt and Nut
7. 38# Main Carrier



H-Shaped
Cross Section



SPECIFICATIONS

Thickness (mm): 0.6, 0.7, 0.8, 0.9, 1.0.

Width (mm): 100, 150, 200, 250, 300.

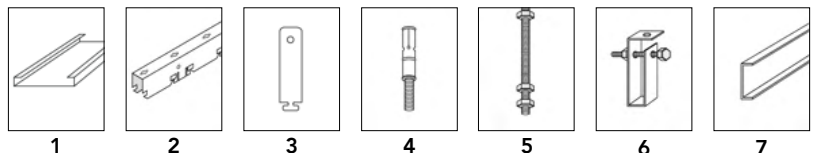
Height (mm): 25.

Length (mm): Up to 6000.

Gap: Customized Gap (from 25mm).

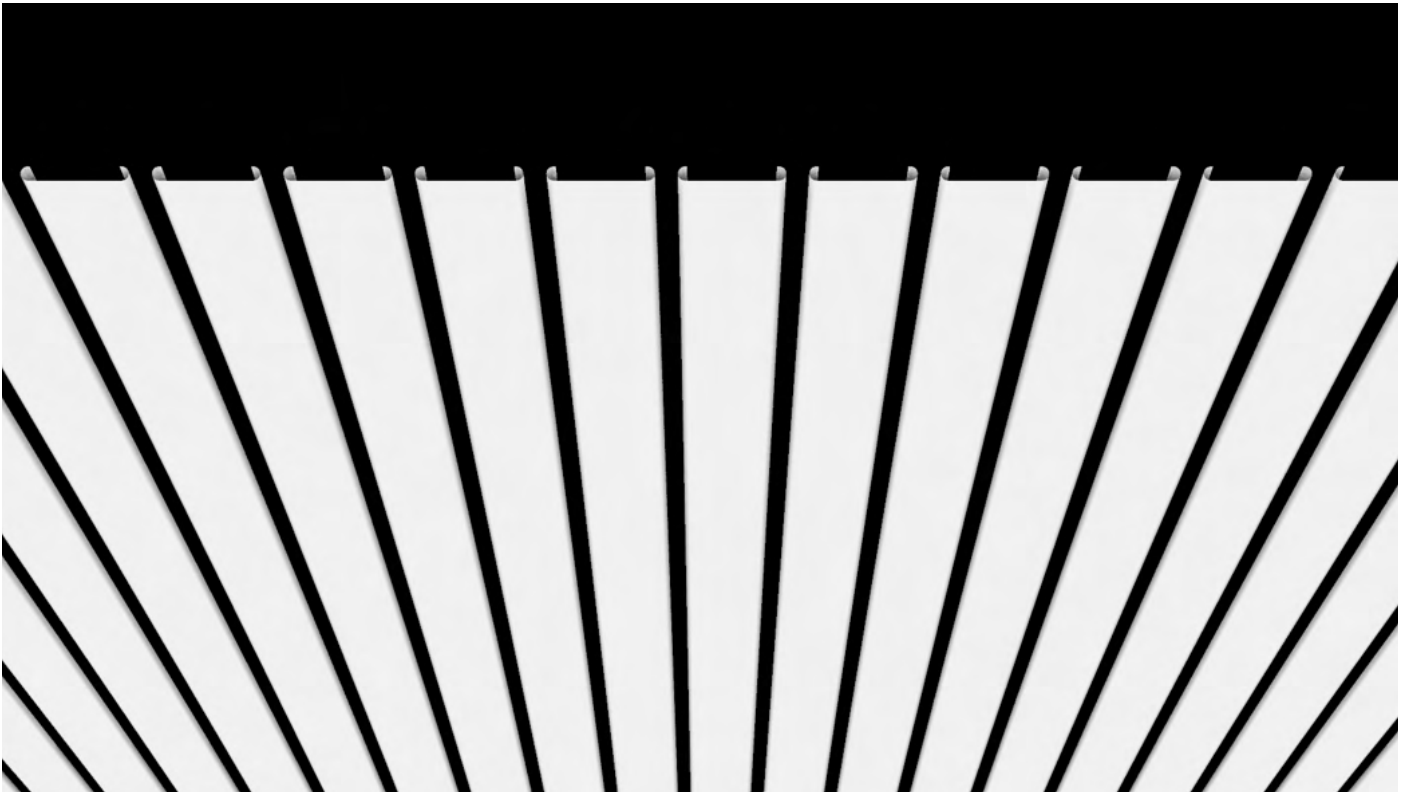
Carrier: Color Available in Mill Finish, Black, and White.

Performance: Acoustic, Fire Performance, Improved Airflow, and Wind Resistance.



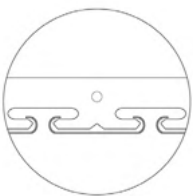
Notice: See the SI unit catalog for exact measurement. Talent Building Material, Inc. assumes no responsibility for any errors that may inadvertently appear in this document.

C85-Shaped Strip Ceiling

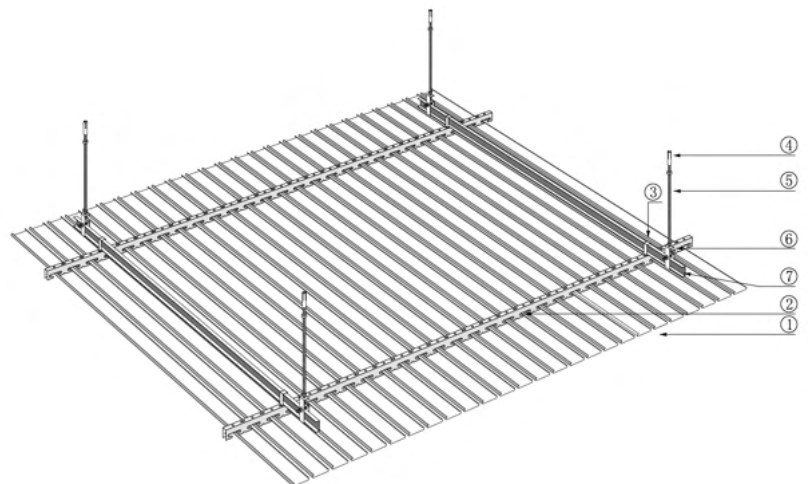


TECHNICAL DRAWING | C85-Shaped

1. C85-Shaped Ceiling Panel
2. Horizontal Carrier
3. Hanger
4. Expansion Screw (6 or 8mm)
5. Suspension Bolt and Nuts (6 or 8mm)
6. 38# Main Carrier Suspension Bracket with Bolt and Nut
7. 38# Main Carrier



C85-Shaped
Cross Section



SPECIFICATIONS

Thickness (mm): 0.6, 0.7.

Width (mm): 85.

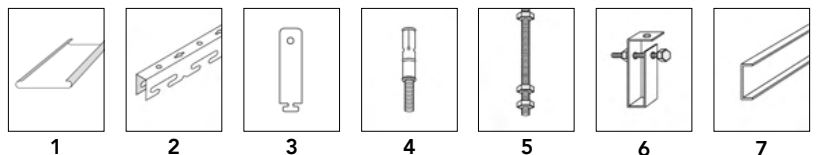
Height (mm): 15.

Length (mm): Up to 6000.

Gap: 15mm or Filled with C15.

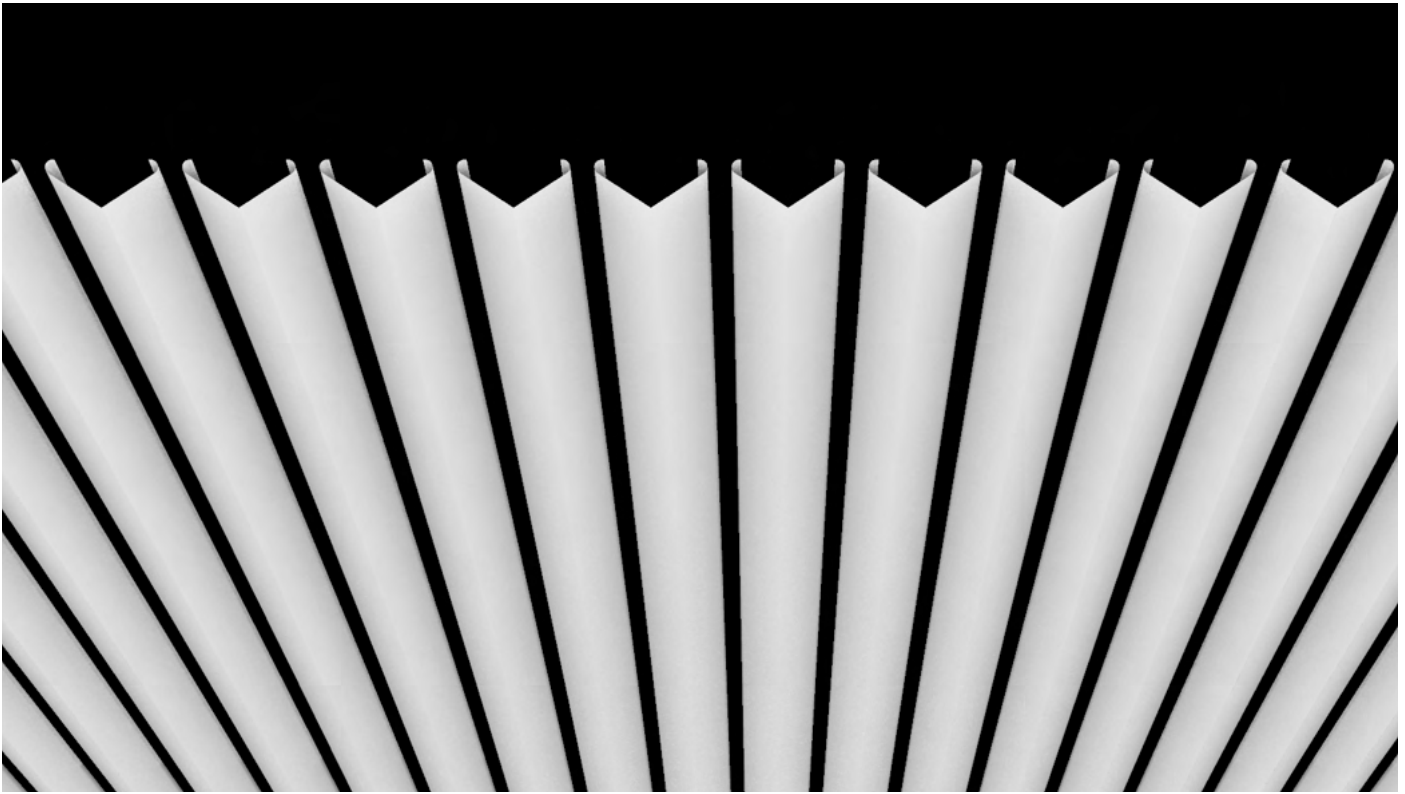
Carrier: Color Available in Mill Finish, Black, and White.

Performance: Acoustic, Fire Performance, and Improved Airflow.



Notice: See the SI unit catalog for exact measurement. Talent Building Material, Inc. assumes no responsibility for any errors that may inadvertently appear in this document.

V-Shaped Strip Ceiling

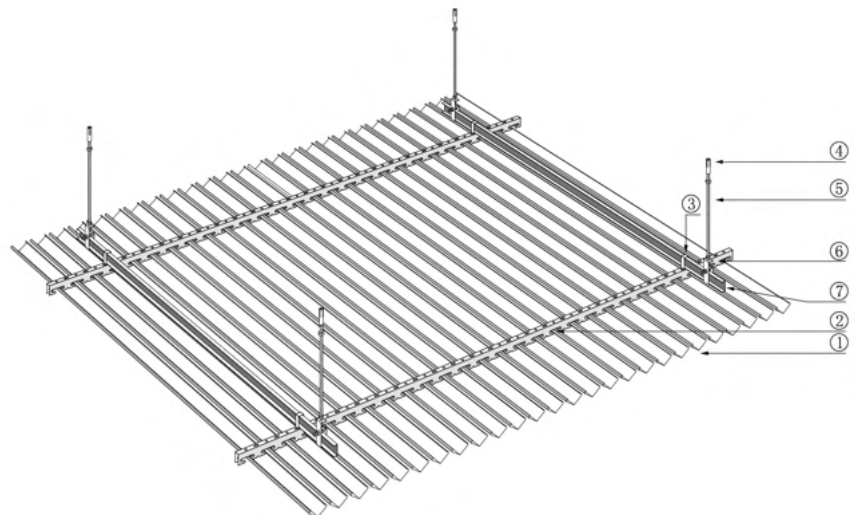


TECHNICAL DRAWING | V-Shaped

1. V-Shaped Ceiling Panel
2. Horizontal Carrier
3. Hanger
4. Expansion Screw (6 or 8mm)
5. Suspension Bolt and Nuts (6 or 8mm)
6. 38# Main Carrier Suspension Bracket with Bolt and Nut
7. 38# Main Carrier



V-Shaped
Cross Section



SPECIFICATIONS

Thickness (mm): 0.6.

Width (mm): 85.

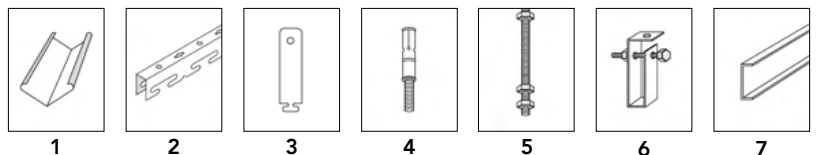
Height (mm): 30.

Length (mm): Up to 6000.

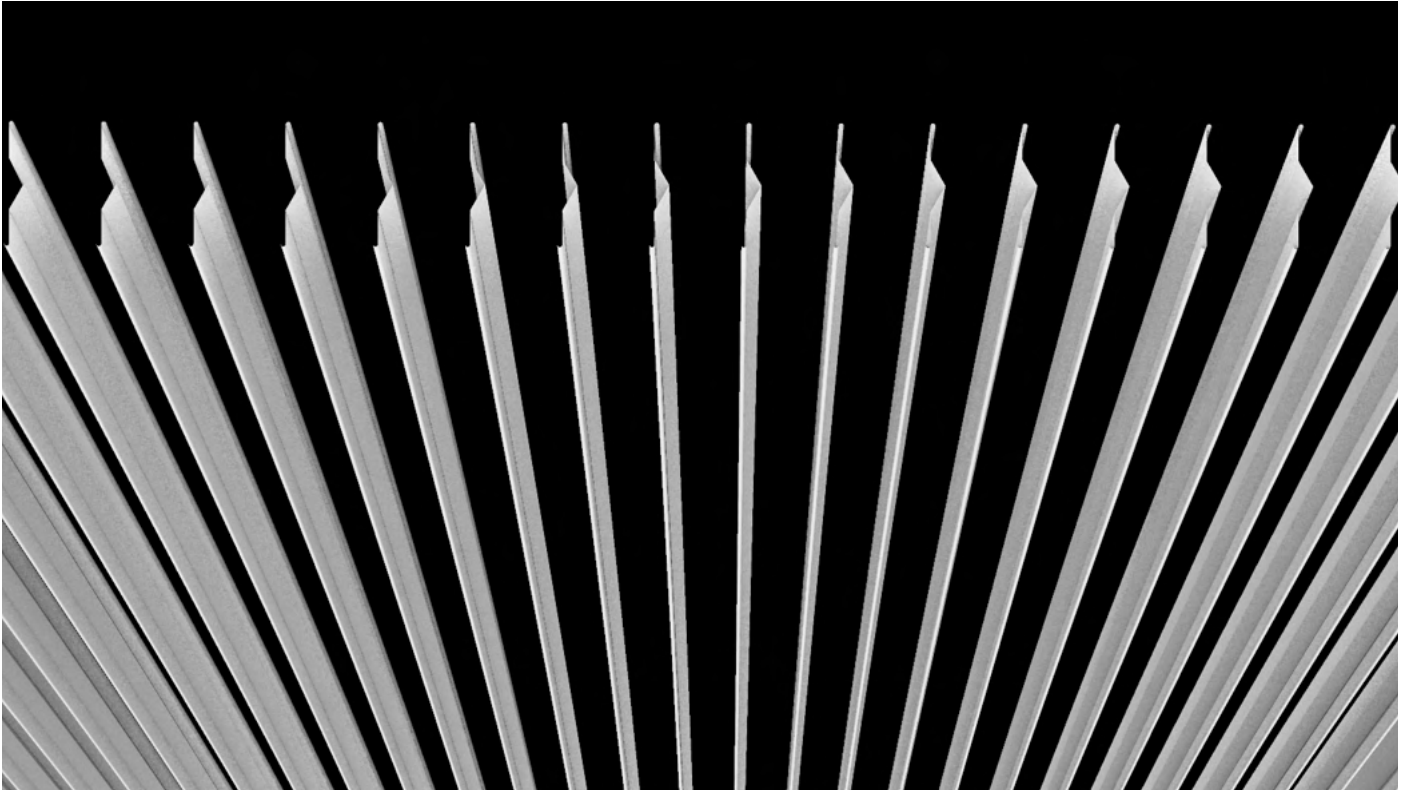
Gap (mm): 15.

Performance: Acoustic, Fire

Performance, and Improved Airflow.

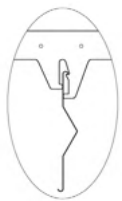


Blade Ceiling

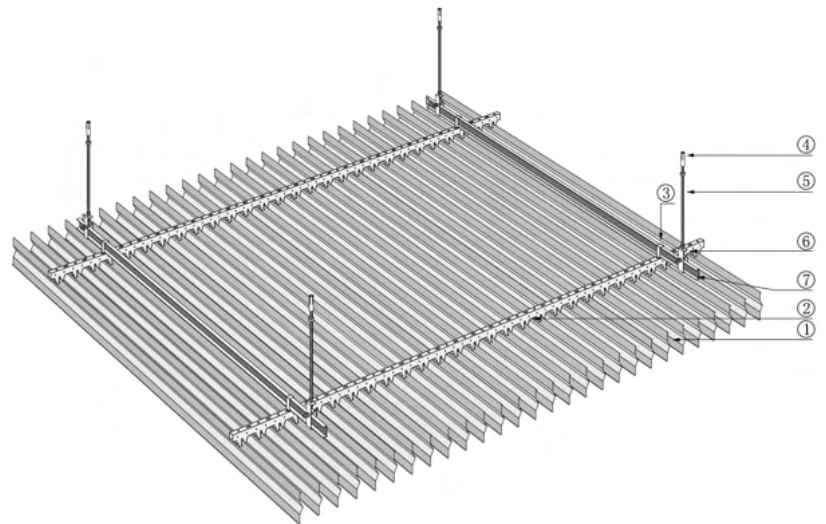


TECHNICAL DRAWING

1. Blade Ceiling Panel
2. Horizontal Carrier
3. Hanger
4. Expansion Screw (6 or 8mm)
5. Suspension Bolt and Nuts (6 or 8mm)
6. 38# Main Carrier Suspension Bracket with Bolt and Nut
7. 38# Main Carrier



Blade Ceiling
Cross Section



SPECIFICATIONS

Thickness (mm): 0.6, 0.7.

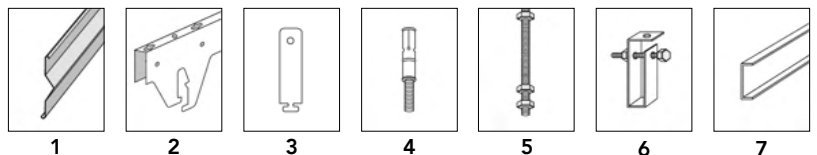
Width (mm): 125, 135, 150.

Length (mm): Up to 4000.

Gap (mm): 100.

Special Sizes Can Be Customized Based On Customer Requests.

Performance: Acoustic, Fire Performance, and Improved Airflow.



Notice: See the SI unit catalog for exact measurement. Talent Building Material, Inc. assumes no responsibility for any errors that may inadvertently appear in this document.



C-Shaped Ceiling



G-Shaped Ceiling

COMBINATION | Plane Ceiling

The Plane Combination Ceiling is composed of mixed-size panels, showcasing a creative design layout of metal ceiling system. They can be constructed with metal ceiling panels of different sizes, and of patterns in different colors, creating an elegant and modern visual effect with its unique design characters.

The major components of the Plane Combination Ceiling include the Square Ceiling Panels (Clip-In), Strip Panels (Clip-In), Little Square Box (Clip-In), Spring Tee Runner, Spring Tee Runner Suspension Brackets, Spring Tee Runner Connectors, and the L-Shaped Angles, with the recommended 38# Hanging System.



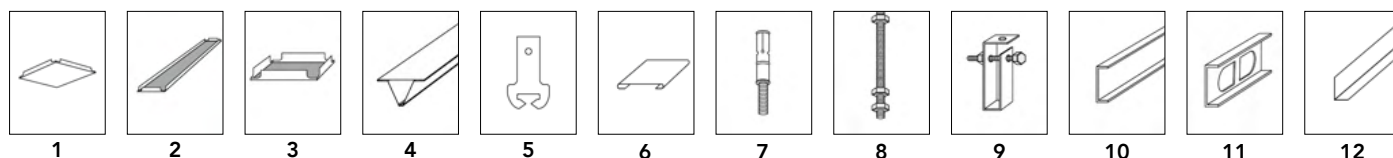
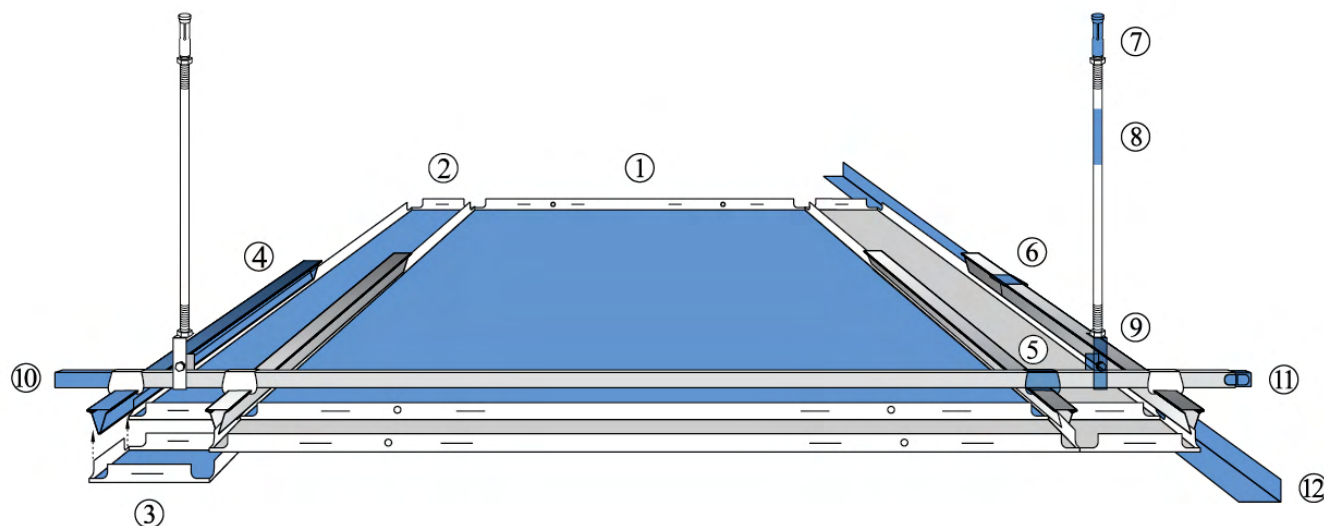
Plane Combination Ceiling

TECHNICAL DRAWING

1. Clip-In Panel (Square Ceiling)
2. Strip Ceiling
3. Little Square Box (Box Ceiling)
4. Spring Tee Runner
5. Spring Tee Runner Suspension Bracket
6. Spring Tee Runner Connector
7. Expansion Screw (6 or 8mm)
8. Suspension Bolt and Nuts (6 or 8mm)
9. 38# Main Carrier Suspension Bracket with Bolt and Nut
10. 38# Main Carrier
11. 38# Main Carrier Connector
12. L-Shaped Angle

SPECIFICATIONS (mm)

Combined A	Square Ceiling	Strip Ceiling	Box Ceiling
800x800	600x600	600x100	100x100
1100x1100	800x800	800x150	150x150
Combined B	Square Ceiling		
300x1200	300x1200	300x300	-
1200x1200	600x600	300x1200	300x300



INSTALLATION GUIDE

Fix the L-Shaped Wall Angle at the desired height. Determine the ceiling hanging points according to the widths of the ceiling panels and carriers. Anchor the Expansion Screw into the ceiling structure, below secured with the Suspension Bolt and Nuts, and the 38# Main Carrier Suspension Bracket. Fasten the Spring Tee Runner onto the 38# Main Carrier using the Spring Tee Runner Suspension Bracket. Adjust the overall plane to level by fine-tuning the nuts on the Suspension Bolt. Clip in the Square Ceiling Panel, followed by the Strip Ceiling Panels and the Little Square Boxes.

COMBINATION | #-Shaped Ceiling

The #-Shaped Combination Ceiling is composed of mixed-size panels, featuring a geometric and innovative layout of metal ceiling system. They can be comprised of ceiling panels of different sizes, and of patterns in different colors, creating depths and dynamic to the space with its appealing 3-dimentional visual effect.

The major components of the #-Shaped Combination Ceiling include the #-Frame (Clip-In), #-Cover (Lay-In), Strip Panels (Clip-In), Little Square Box (Clip-In), Spring Tee Runners, Spring Tee Runners Suspension Brackets, Spring Tee Runners Connectors, and the L-Shaped Angles, with the recommended 38# Hanging System.



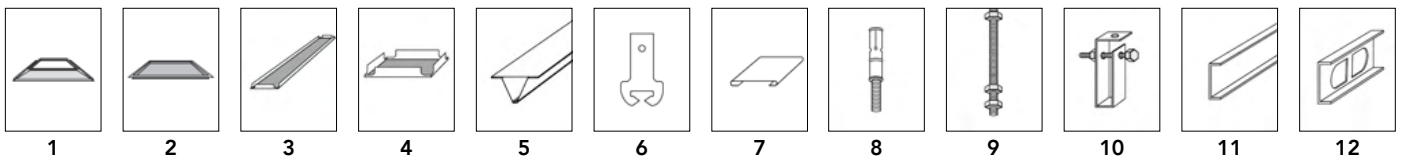
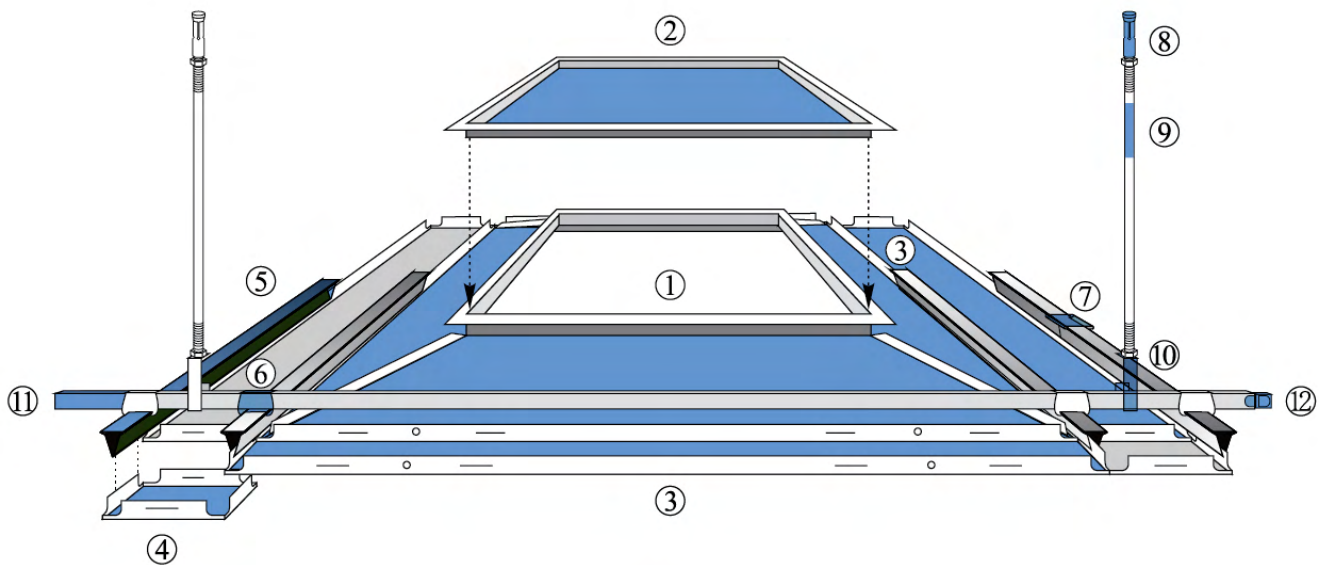
#-Shaped Combination Ceiling

TECHNICAL DRAWING

1. #-Frame
2. #-Cover
3. Strip Ceiling
4. Little Square Box (Box Ceiling)
5. Spring Tee Runner
6. Spring Tee Runner Suspension Bracket
7. Spring Tee Runner Connector
8. Expansion Screw (6 or 8mm)
9. Suspension Bolt and Nuts (6 or 8mm)
10. 38# Main Carrier Suspension Bracket with Bolt and Nut
11. 38# Main Carrier
12. 38# Main Carrier Connector
12. L-Shaped Angle

SPECIFICATIONS (mm)

Combined	#-Ceiling	Strip Ceiling	Box Ceiling
800x800	600x600	600x100	100x100
1100x1100	800x800	800x150	150x150



INSTALLATION GUIDE

Fix the L-Shaped Wall Angle at the desired height. Determine the ceiling hanging points according to the widths of the ceilings panels and carriers. Anchor the Expansion Screw into the ceiling structure, below secured with the Suspension Bolt and Nuts, and the 38# Main Carrier Suspension Bracket. Fasten the Spring Tee Runners onto the 38# Main Carrier using the Spring Tee Runner Suspension Bracket. Adjust the overall plane to level by fine-tuning the nuts on the Suspension Bolt. Clip in the #-Frame, then the rest of the ceiling panels, followed by the #-Cover.

24mm Tee Suspension System

Material: Hot-dipped Galvanized Steel Body.

Metal Thickness (gauge): 28.

Size (Width x Height x Length, mm):

Main Tee: 24x38x3660

Cross Tee: 24x38x1220 or 24x28x1220

Cross Tee: 24x38x610 or 24x28x610

Wall Angle: 24x24x3660

Finish: Baked-on polyester paint (White or Black), Polyester Powder Coating.

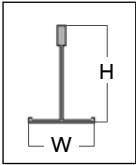
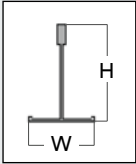
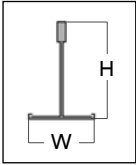
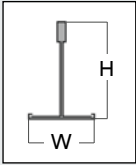
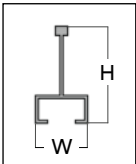
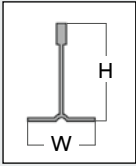
Installation: Install According to ASTM C636, or see installation guide on page 14.

Applications: Use in interior space with Talent™ lay-in ceiling, Talent™ open cell ceiling, or other ceiling tiles.



Notice: See the SI unit catalog for exact measurement. Talent Building Material, Inc. assumes no responsibility for any errors that may inadvertently appear in this document.

Tee Suspension Systems | Imperial & Metric

PRODUCT NAME (STANDARD) <i>*Other Sizes Available</i>	SIZES (MM) (W x H x L) <i>*Imperial System</i>	SIZES (MM) (W x H x L) <i>*Metric System</i>
 15/16Tee 1.3H FLAT CARRIER <i>Galvanized Steel</i>	Main T: 24x32x3660 Cross T: 24x23x1220 Cross T: 24x23x610	Main T: 24x32x3600 Cross T: 24x23x1200 Cross T: 24x23x600
 15/16Tee 1.5H FLAT CARRIER <i>Galvanized Steel</i>	Main T: 24x38x3660 Cross T: 24x28x1220 Cross T: 24x28x610	Main T: 24x38x3600 Cross T: 24x28x1200 Cross T: 24x28x600
 15/16Tee 1.5H HIGH FLAT CARRIER <i>Galvanized Steel</i>	Main T: 24x38x3660 Cross T: 24x38x1220 Cross T: 24x38x610	Main T: 24x38x3600 Cross T: 24x38x1200 Cross T: 24x38x600
 9/16Tee 1.5H FLAT CARRIER <i>Galvanized Steel</i>	Main T: 15x38x3660 Cross T: 15x38x1220 Cross T: 15x38x610	Main T: 15x38x3600 Cross T: 15x38x1200 Cross T: 15x38x600
 9/16Tee 1.64H GROOVE CARRIER <i>Galvanized Steel</i>	Main T: 15x42x3660 Cross T: 15x42x1220 Cross T: 15x42x610	Main T: 15x42x3600 Cross T: 15x42x1200 Cross T: 15x42x600
 15/16Tee 1.1H GROOVE CARRIER <i>Galvanized Steel</i>	Main T: 24x28x3660 Cross T: 24x28x1220 Cross T: 24x28x610	Main T: 24x28x3600 Cross T: 24x28x1200 Cross T: 24x28x600

Notice: See the SI unit catalog for exact measurement. Talent Building Material, Inc. assumes no responsibility for any errors that may inadvertently appear in this document.

FINISHES & COLORS

Polyester Powder Coating

Spray-painted



White
0010



Light Grey
7189



Grey
7143



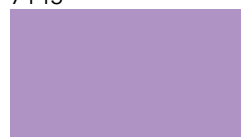
Black
108



Lake Blue
365



Light Skyblue
359



Pink Violet
9002



Violet
914



Aston Green
315



Alfa Red
554



Custom Color

PRE-PAINTED

Roller-painted polyester paint

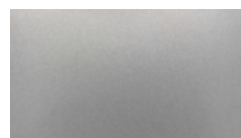
*More Options Available in Pre-painted Finish Options Brochure



Glossy White
8801



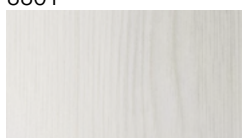
White
3317



Metallic Silver
3311



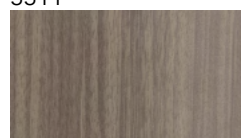
White Oak
751



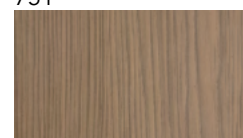
American White Willow
761



Peruvian Walnut
760



Pear Wood
818



Apricot-red Oak
819



Oak
731



Golden Oak
823



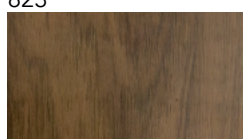
Cherry
713



Orange Cork
734



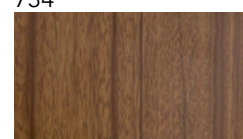
English Pear Wood
763



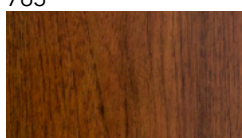
Shingle Oak
825



Teak
781



Brown Teak
715



Dark Comphor
702



Rosewood
710



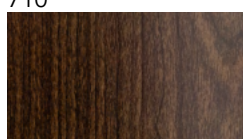
Castor Aralia
707



Katalox
753



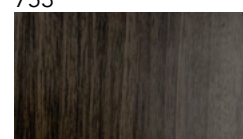
Brown Oak
704



Dark Sandalwood
755



Black Rosewood
8765



Black Pear Wood
822

PVDF

Spray-painted



White

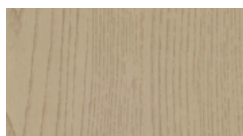


Silver

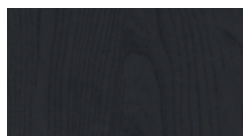
FINISHES & COLORS

PVC Film

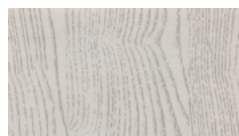
Italian Mixed Oil



HG 1001



HG 1003

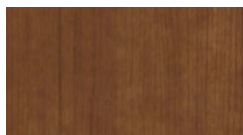


HG 1008



HG 1009

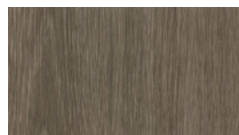
Wood Grain



HG 2001



HG 2005



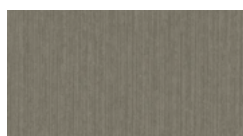
HG 2009



HG 2019



HG 2023



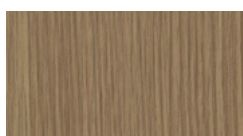
HG 2025



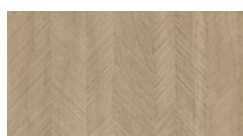
HG 2026



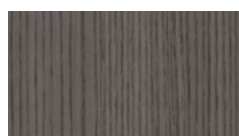
HG 2028



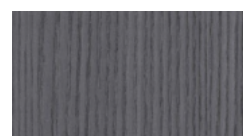
HG 2037



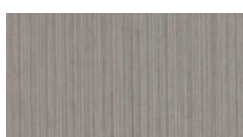
HG 2056



HG 2057



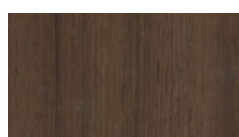
HG 2058



HG 2063



HG 2070



HG 2071



HG 2072

*More Options
Available in
PVC Film Finish
Brochure

Cross-Weave Base



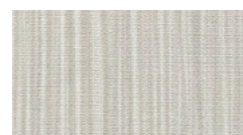
HG 3006



HG 3015

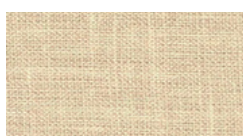


HG 3019

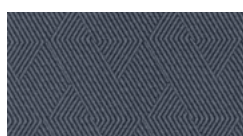


HG 3022

Fabric Texture



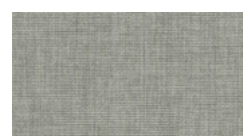
HG 5005



HG 5015

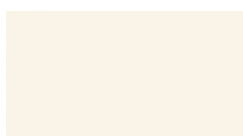


HG 5025

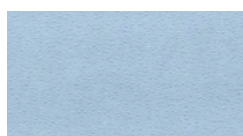


HG 5036

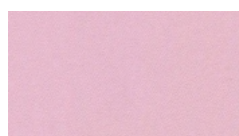
Single Color



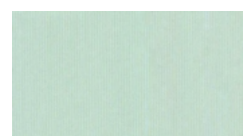
HG 6102



HG 6111



HG 6215

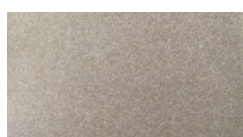


HG 6219

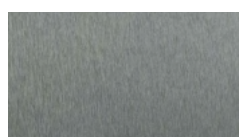
Metal Series



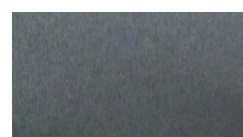
HG 7001



HG 7103

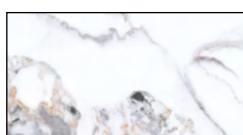


HG 7109

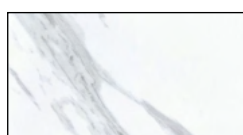


HG 7110

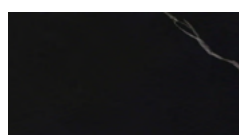
Marble Series



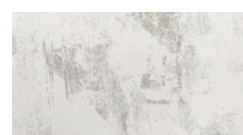
HG 8003



HG 8007



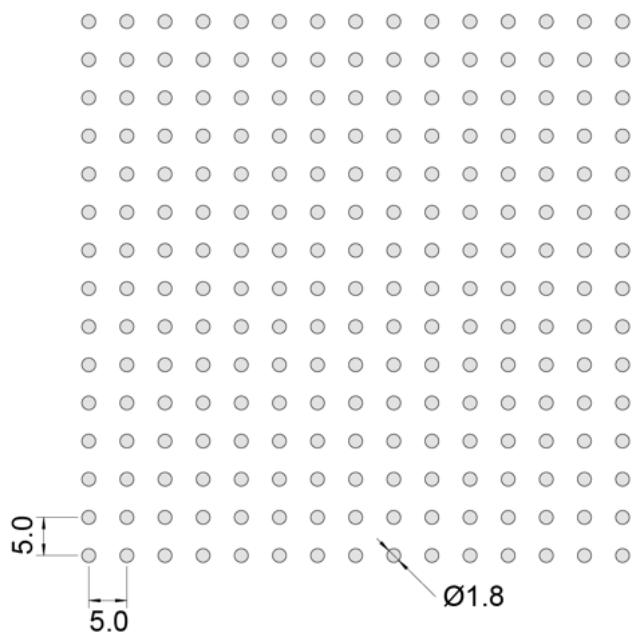
HG 8013



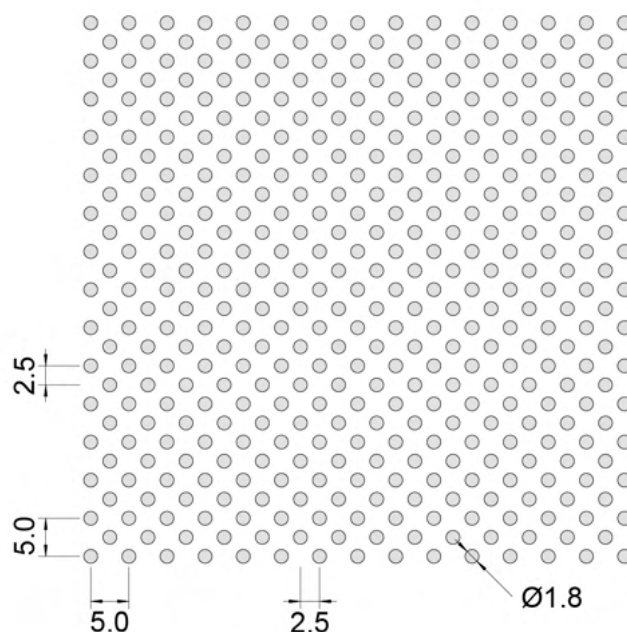
HG 8022

PERFORATIONS

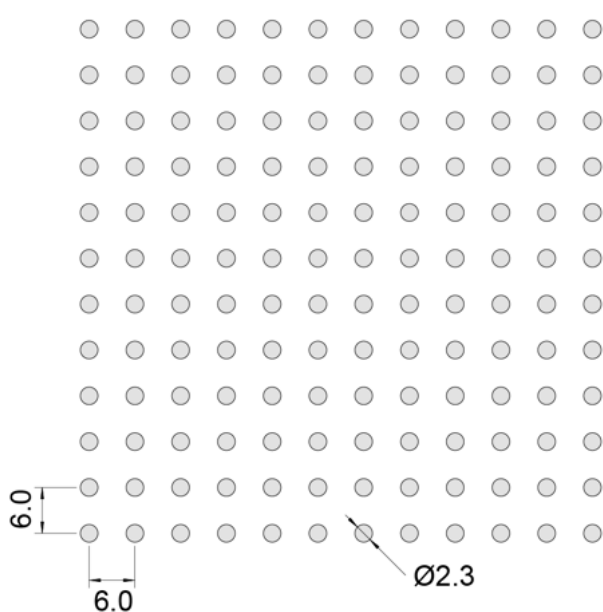
Diameter	1.8mm
Open Area	10%



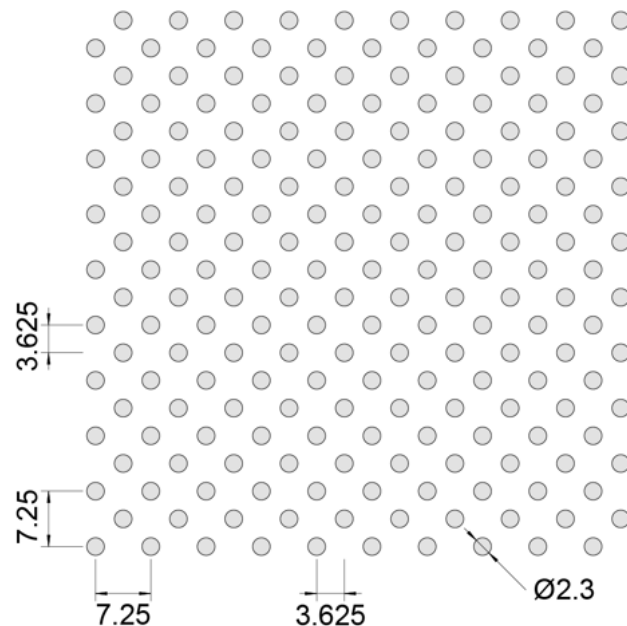
Diameter	1.8mm
Open Area	20%



Diameter	2.3mm
Open Area	11.5%

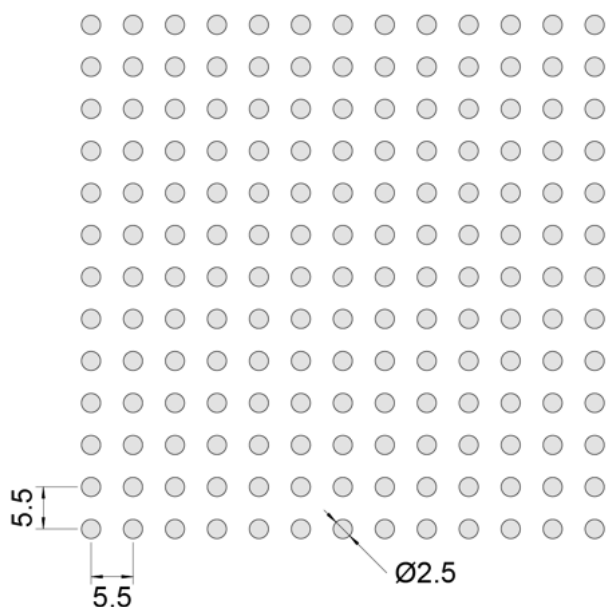


Diameter	2.3mm
Open Area	15.8%

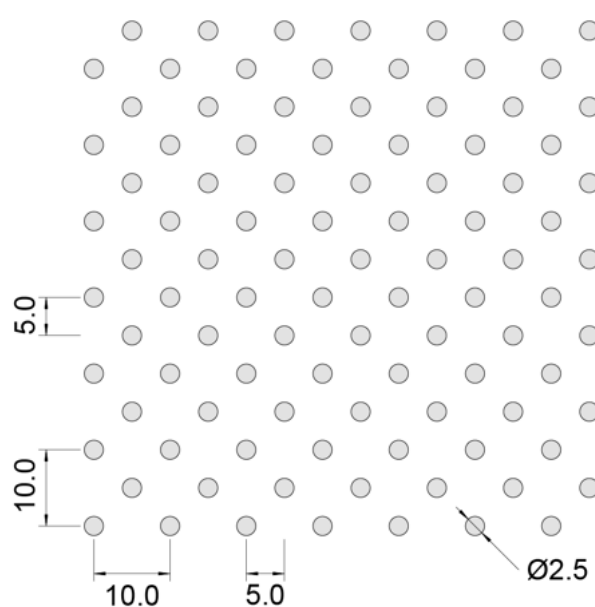


PERFORATIONS

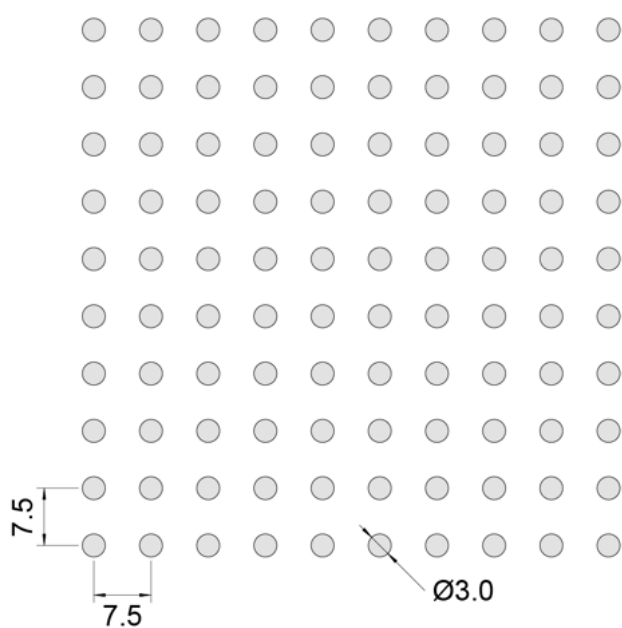
Diameter	2.5mm
Open Area	16.2%



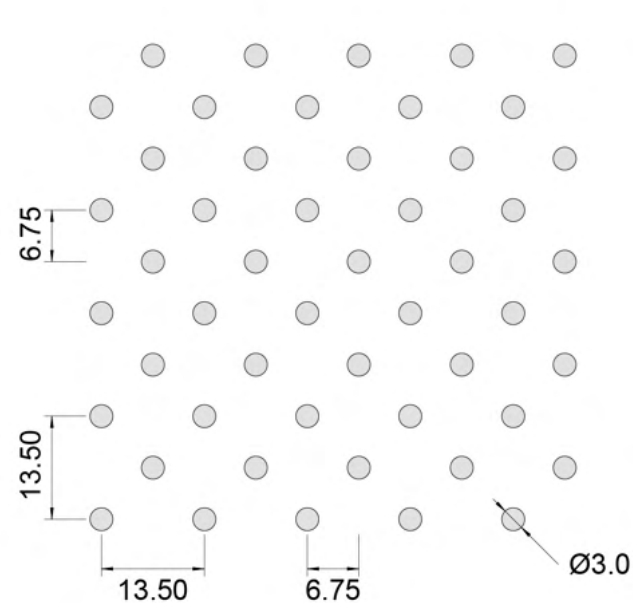
Diameter	2.5mm
Open Area	9.8%



Diameter	3mm
Open Area	12.6%

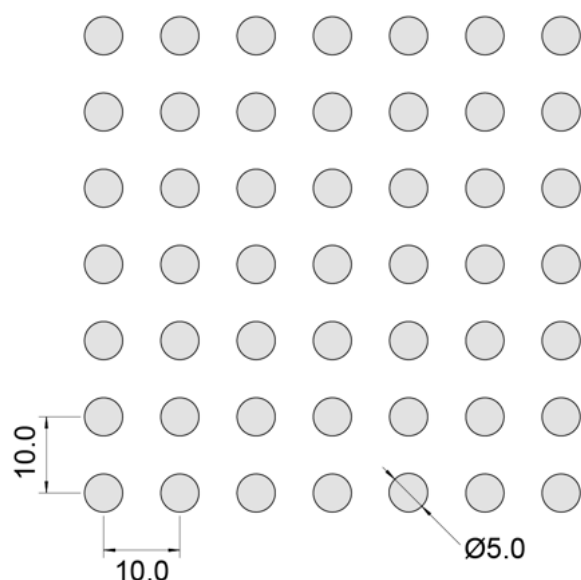


Diameter	3mm
Open Area	7.8%

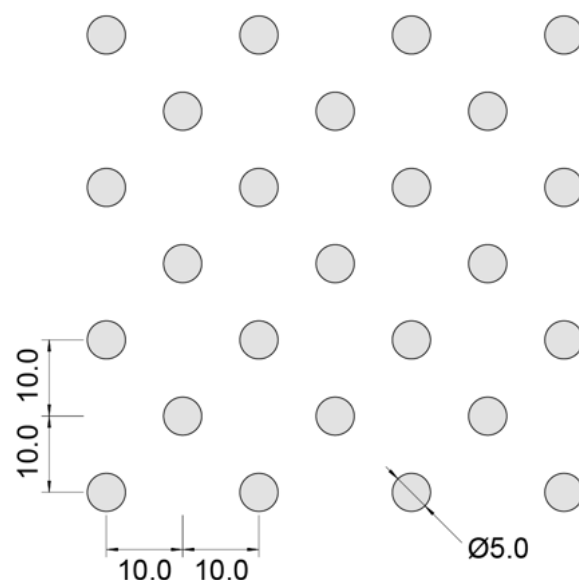


PERFORATIONS

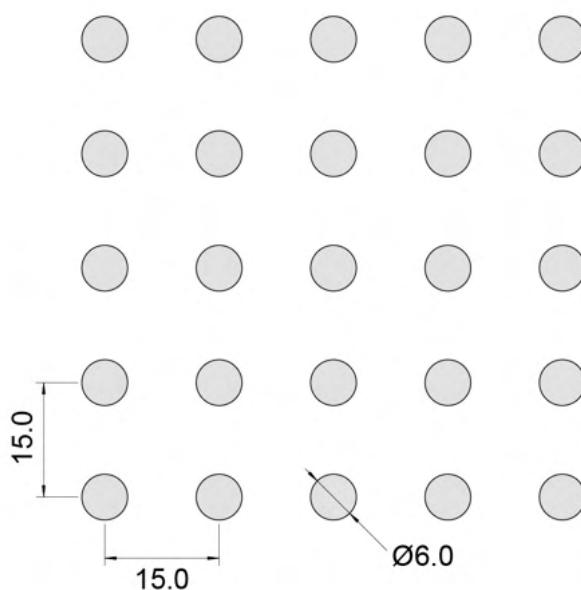
Diameter	5mm
Open Area	19.6%



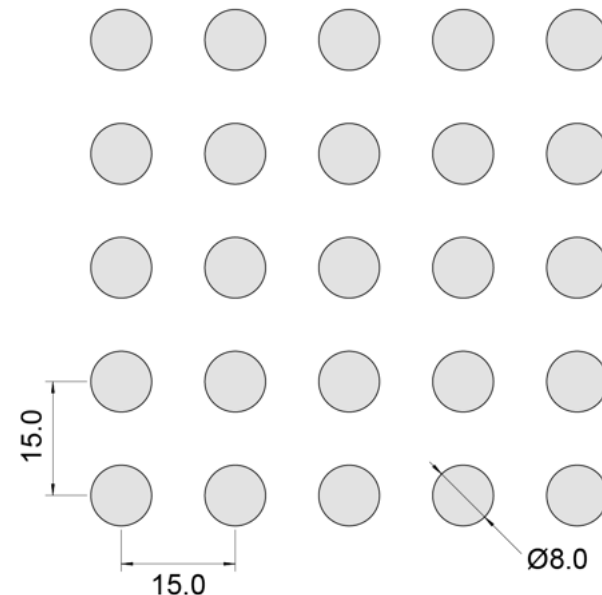
Diameter	5mm
Open Area	9.8%



Diameter	6mm
Open Area	12.6%

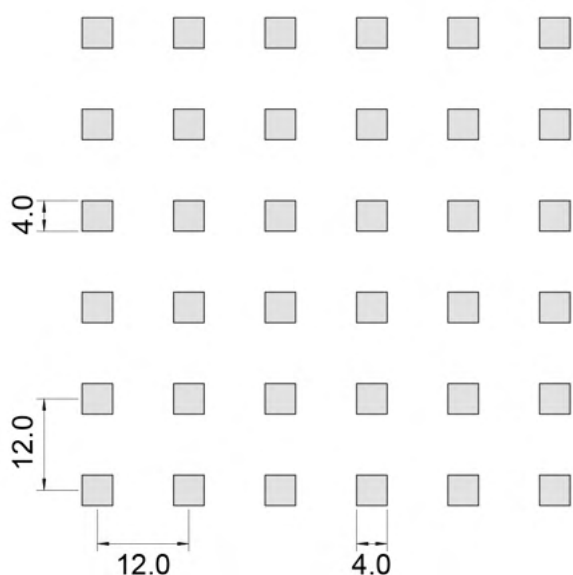


Diameter	8mm
Open Area	22.3%

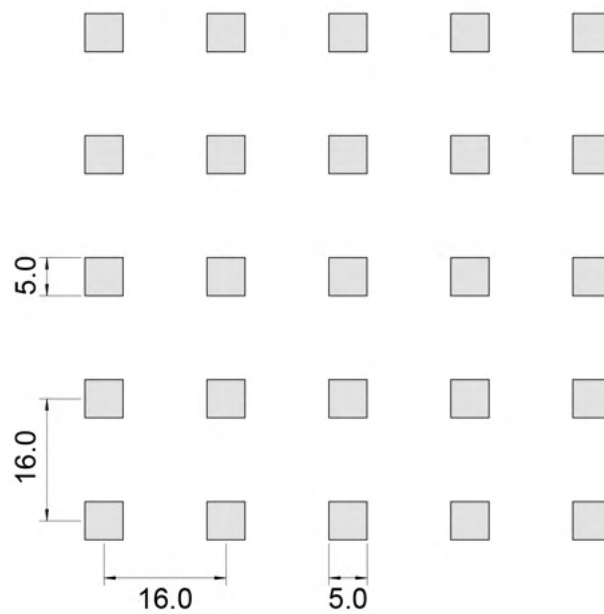


PERFORATIONS

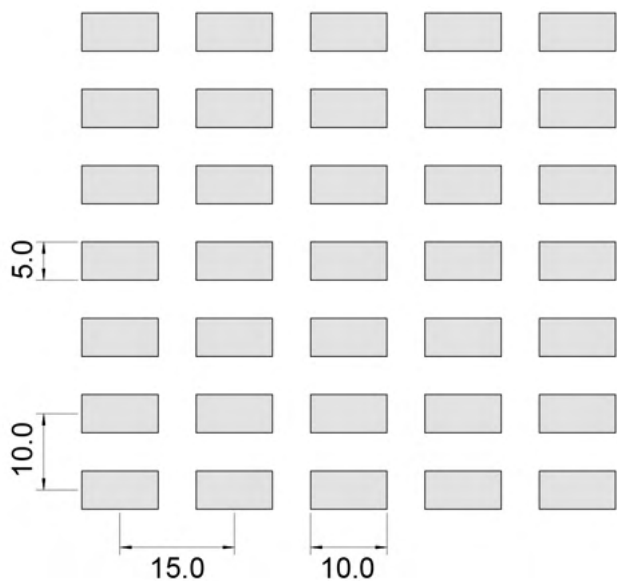
Square
Open Area 4x4mm
11.1%



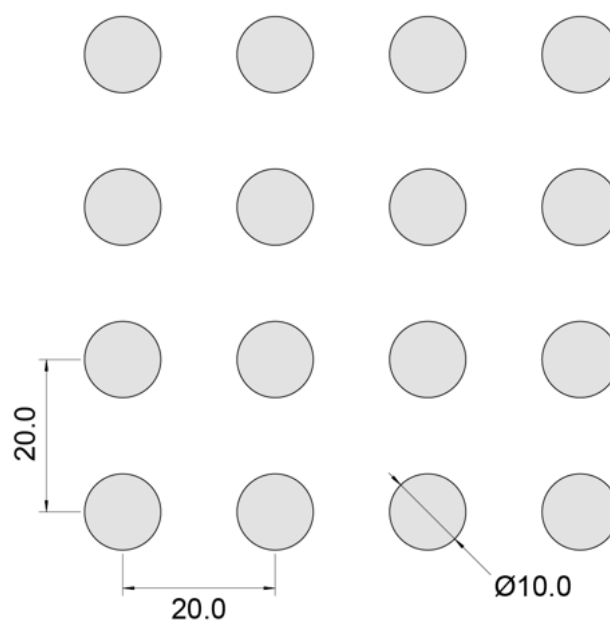
Square
Open Area 5x5mm
9.8%



Rectangle
Open Area 5x10mm
33.3%



Diameter
Open Area 10mm
19.6%





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