

Ngai Shun Decoration And Materials Co., Ltd.



HEI TAK TONE

CEILING & PARTITION SYSTEMS

Sharing our expertise and knowledge



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COMPANY PROFILE

We are the specialized operational entity which work to produce, supply, and sales on decoration materials. Our representative products are grid system, suspend ceiling system, construction materials, and all kinds of engineering hardware fitting. We are the general agency of the world famous brands, for example ARMSTRONG, HAMMER, OWENS CORNING, BNBM and our own brand HEI TAK TONE. Depends on the advanced business ideal, flawless organization structure and development, we have many good quality employees. At present we have a large sales network in Hong Kong and China. Furthermore, we are enjoying highly credit at the decoration industry.

Hong Kong Ngai Shun Decoration And Materials Co., Ltd. treats the quality as their life fines. Because of the strong power and the quality assurance, we moldnew models in most of the representative projects in Hong Kong . Besides, we win the reliability and reputation from lots of our customers. We are appointed by a number of large and Minitype enterprises, and designed construction units as the supplier.

Gypsum Plasterboards



	Standard	Moisture Resistance	Fire Resistance	Test Methods/ Classification
Thickness (mm)	9.5/ 12/ 12.5/ 15	9.5/ 12/ 12.5/ 15	12/ 12.5	EN520:2004+A1:2009 Section 5.4
Width (mm)	1220	1220	1220	EN520:2004+A1:2009 Section 5.2
Length (mm)	1830/2440	1830/2440	2440	EN520:2004+A1:2009 Section 5.3
Density	Ave.: $0.7 \times 10^3 \text{ kg/m}^3$	Ave.: $0.7 \times 10^3 \text{ kg/m}^3$	Ave.: $0.8 \times 10^3 \text{ kg/m}^3$	EN520:2004+A1:2009 Section 5.11
Flexural Breaking load Transverse direction	Ave. $\geq 202\text{N}$ Individual $\geq 182\text{N}$	$\geq (160 \pm 1.6) \text{ N}$	Ave. $\geq 202\text{N}$ Individual $\geq 182\text{N}$	EN520:2004+A1:2009 Section 4.1/ 5.7
Flexural Breaking load Longitudinal direction	Ave. $\geq 516\text{N}$ Individual $\geq 465\text{N}$	$\geq (400 \pm 4) \text{ N}$	Ave. $\geq 516\text{N}$ Individual $\geq 465\text{N}$	EN520:2004+A1:2009 Section 4.1/ 5.7
Surface water absorption		$\leq 180\text{g/m}^2$		EN520:2004+A1:2009 Section 4.1/ 5.9.1 BS1230-Part 1
Total water absorption		Type H: $\leq 5\%$		EN520:2004+A1:2009 Section 5.9.2 BS1230-Part 1
Non-combustibility test	✓	✓	✓	BS 476-Part 4:1970
Fire Propagation Test Surface Spread of Flame Test	✓			BS 476-Part 6:1989+A1:2009
Fire Propagation Test Surface Spread of Flame Test	✓			BS 476-Part 7:1997

Metal Selection

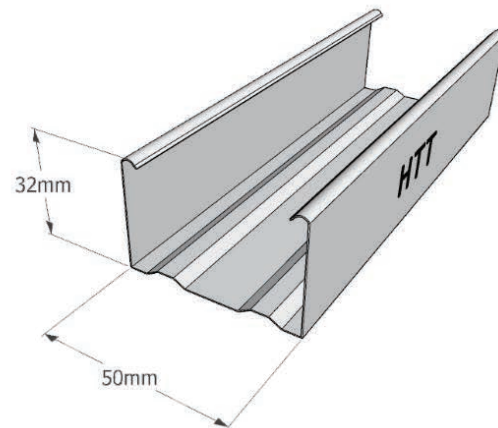
“Partition”

HTT drywall partition system is a cost-effective, user friendly application where a single or double layer of 12mm thick plasterboard is screw-fixed onto the frame.

Carrying Channels

C-STUD

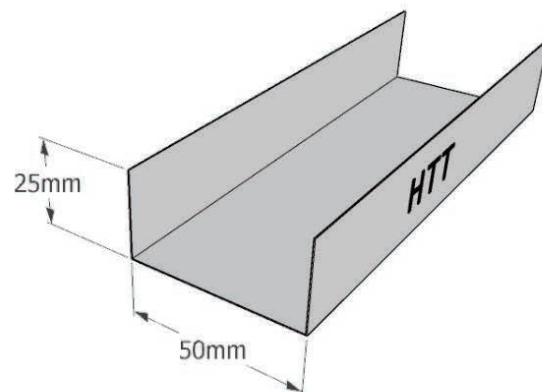
Thickness	0.5mm - 3.0mm
Nominal Width	50mm - 250mm
Flange	32mm - 50mm
Standard Length	2.44m - 6m



*Other sizes are available upon request.

U-CHANNEL

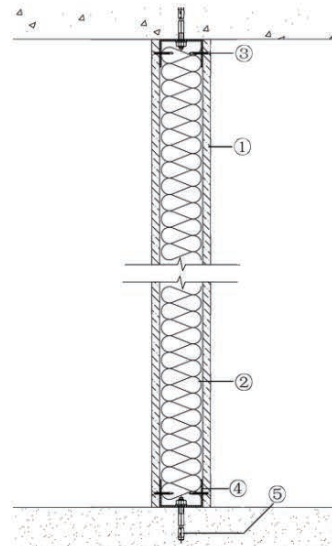
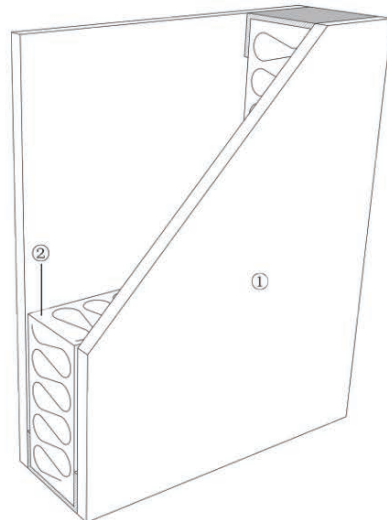
Thickness	0.5mm - 3.0mm
Nominal Width	50mm - 250mm
Flange	25mm - 50mm
Standard Length	2.44m - 6m



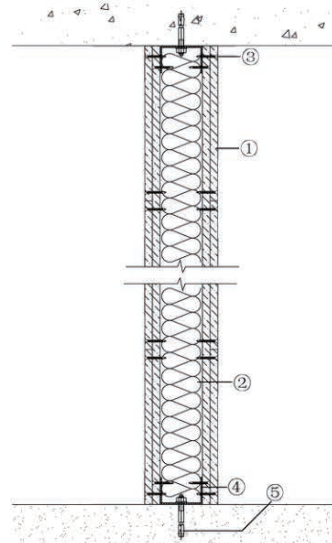
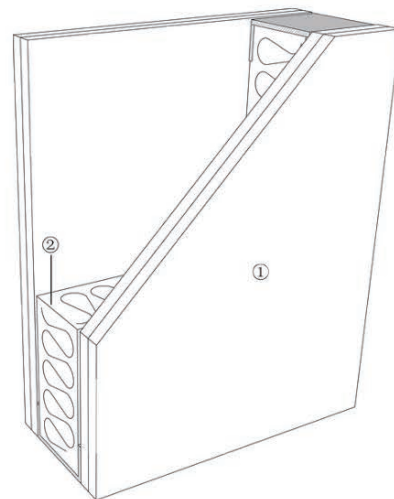
*Other sizes are available upon request.

Structure of Drywall Partition

1 Hour Partition



2 Hours Partition



Technical Data

1 Hour Partition

- * 1 hour fire rating, integrity & insulation according to BS476: Part 22, with fire risk from both sides option II
- * Overall partition thickness = 74mm
- * Sound reduction $R_w = 39\text{dB}$

1. BNBM fire rated plasterboard 12mm
2. 50mm thick, 60kg/m^3 . Rockwool
3. 50mm x 0.55 G.I. stud at 610mm centres
4. 50mm x 0.55 G.I. "U" channel
5. Drywall screw at 300mm centres
6. Nailable plug at 600mm centres

2 Hours Partition

- * 2 hour fire rating, integrity & insulation according to BS476: Part 22, with fire risk from both sides option II
- * Overall partition thickness = 112mm
- * Sound reduction $R_w = 53\text{dB}$

1. BNBM fire rated plasterboard 2 x 12mm
2. 50mm thick, 100kg/m^3 . Rockwool
3. 64mm x 0.8 G.I. stud at 610mm centres
4. 64mm x 0.8 G.I. "U" channel
5. Nailable plug at 600mm centres
6. Drywall screw at 300mm centres

"Non-Load Bearing Partition System"

Board Thickness (mm)	Number of layers	Stud size & Gauge (mm)	Overall Partition width (mm)	Public Area & Hotels & office Accommodation Stud centres (mm)		
				300	400	600
12	1	50x50 0.6	74	3500	3100	2800
12	2	50x50 0.6	98	3745	4227	3692
12	1	75x50 0.6	99	5100	4000	3600
12	2	75x50 0.6	123	5457	4280	3852
12	1	100x50 0.6	124	6200	5200	4900
12	2	100x50 0.6	148	6634	6581	5243
12	1	50x50 0.8	74	3800	3400	3000
12	2	50x50 0.8	98	4066	3638	3210
12	1	75x50 0.8	99	5600	4400	3900
12	2	75x50 0.8	123	5992	4708	4173

Board Thickness (mm)	Number of layers	Stud size & Gauge (mm)	Overall Partition width (mm)	Public Area & Hotels & office Accommodation Stud centres (mm)		
				300	400	600
12	1	100x50 0.8	124	6800	5700	5300
12	2	100x50 0.8	148	7276	6099	5671

12	1	50x50 1.0	74	4100	3600	3300
12	2	50x50 1.0	98	4387	3852	3531

12	1	75x50 1.0	99	6000	4700	4200
12	2	75x50 1.0	123	6420	5029	4494

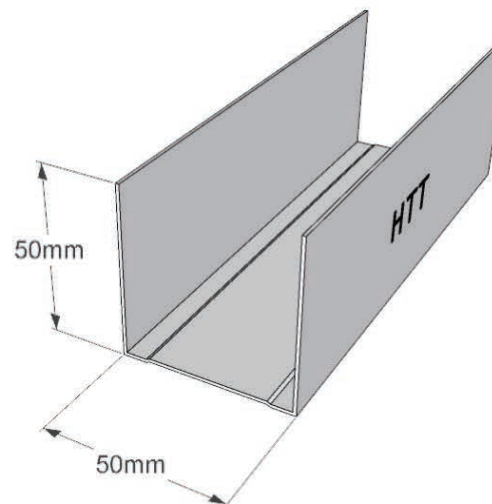
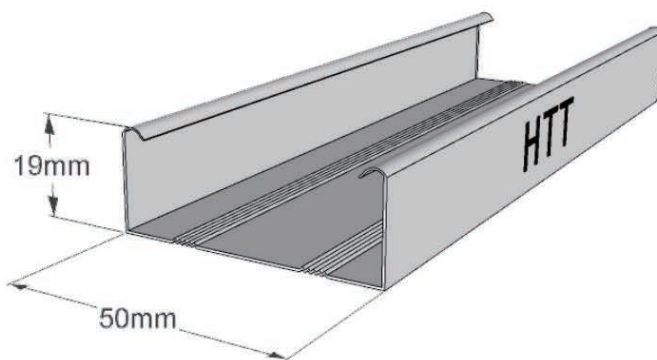
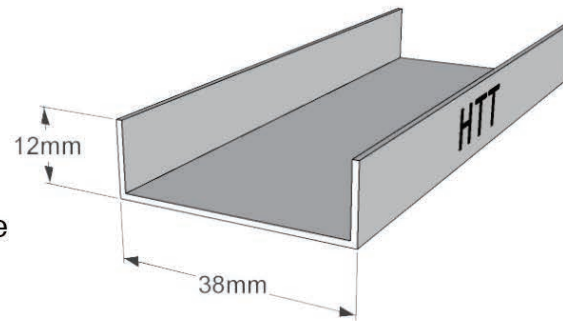
12	1	100x50 1.0	124	7300	6100	5700
12	2	100x50 1.0	148	7811	6527	6099

Metal Selection

“Ceiling”

C-Track

HTT C-track and M-track are fixed at right angles to the battens. All sheet end butt joints shall occur on the plasterboard



M-Track

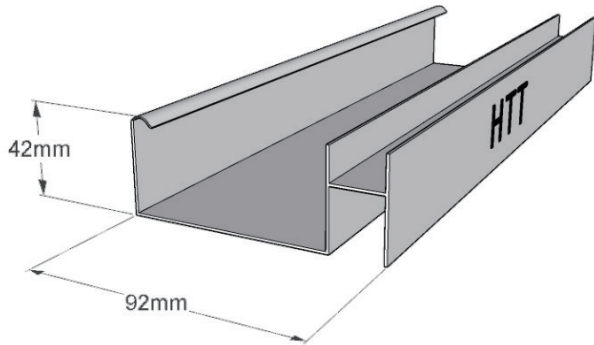
The HTT M-track shall be fastened to the joints at maximum 1200mm centres (and no less than 90mm centres) to support the HTT metal ceiling battens. The battens shall be spaced at 600 mm centres maximum

U-Track

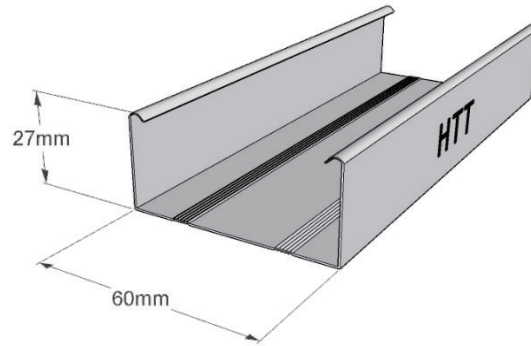
HTT U-Track used as top and bottom channel. Installation starts using a HTT stud, progresses using HTT U-Track is used as the final stud. Other than fixings to the surrounding structure, the HTT Shaftwall. Framing system uses no mechanical fixing.

	Thickness (mm)	Flange (mm)	Width (mm)	Length (mm)
C-Track	0.8-1.5	12	38	2440/3050
M-Track	0.45-0.8	19	50	2440/3050
U-Track	0.6-3.0	50	50	2440/3050

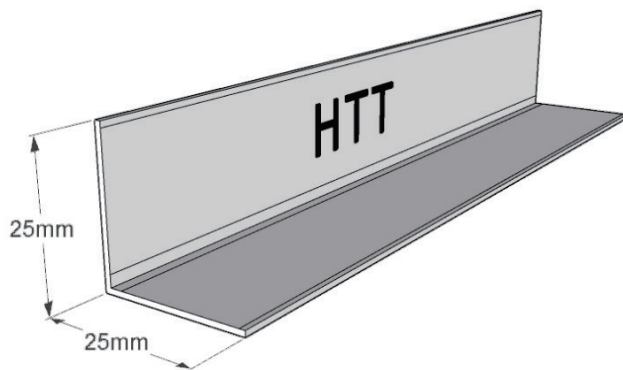
CH Stud



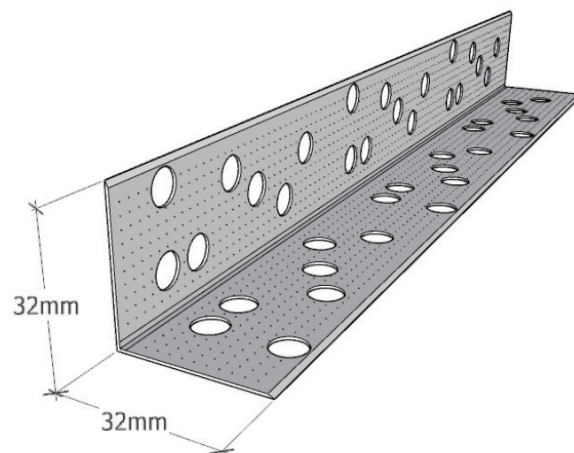
M-Track



“L” Corner Trims



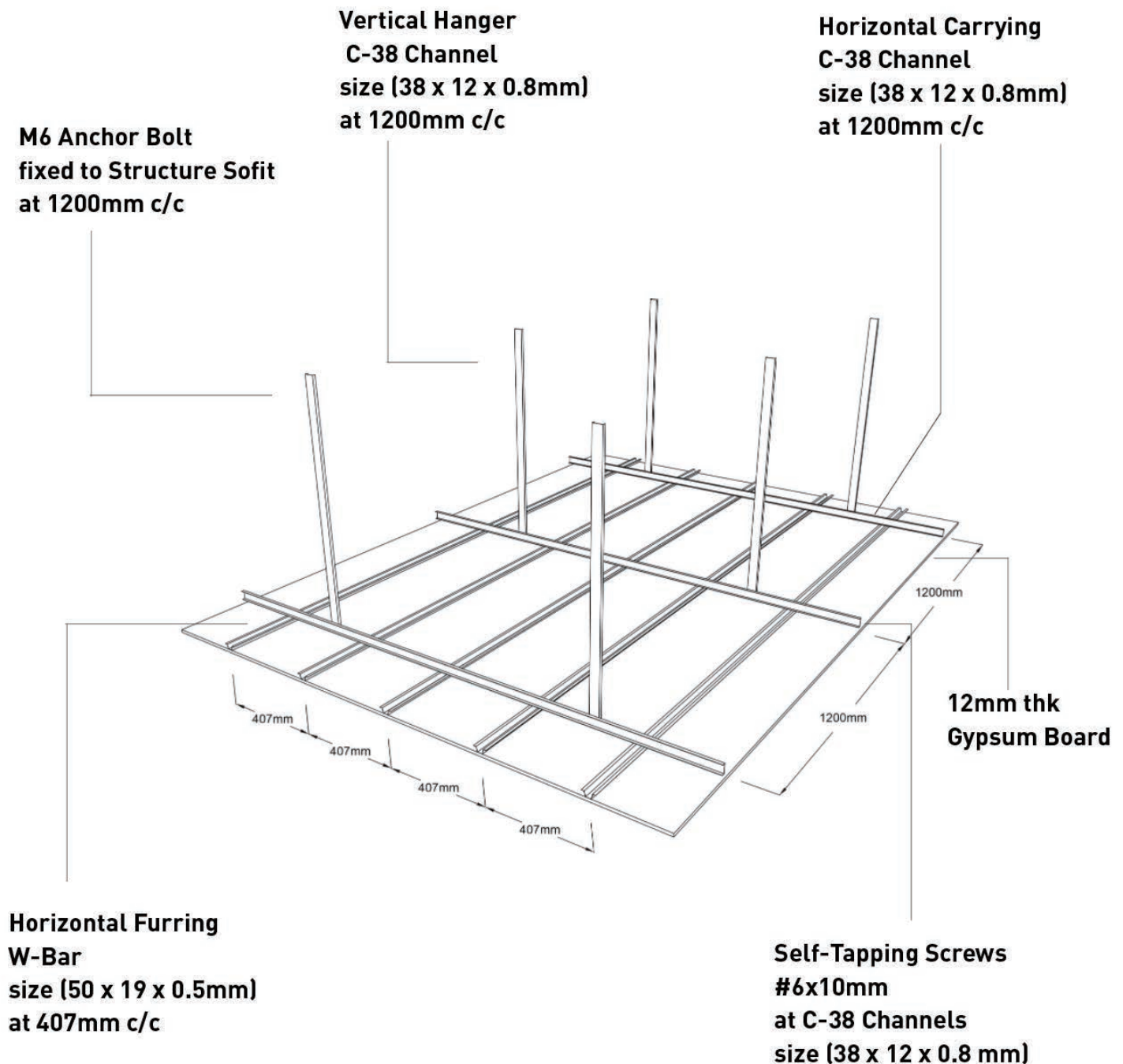
Aluminium Plaster Angle



	Thickness (mm)	Flange (mm)	Width (mm)	Length (mm)
CH Stud	0.5-3.0	42	64/75/92/100/146	2440/3050
M-Track	0.6-3.0	27	60	2440/3050
“L” Corner Trims	0.5-3.0	25/32/50	25/32/50	2440/3050
Aluminium Plaster Angle	0.4-0.6	25/32	25/32	2440/3050

Structure of Ceilings

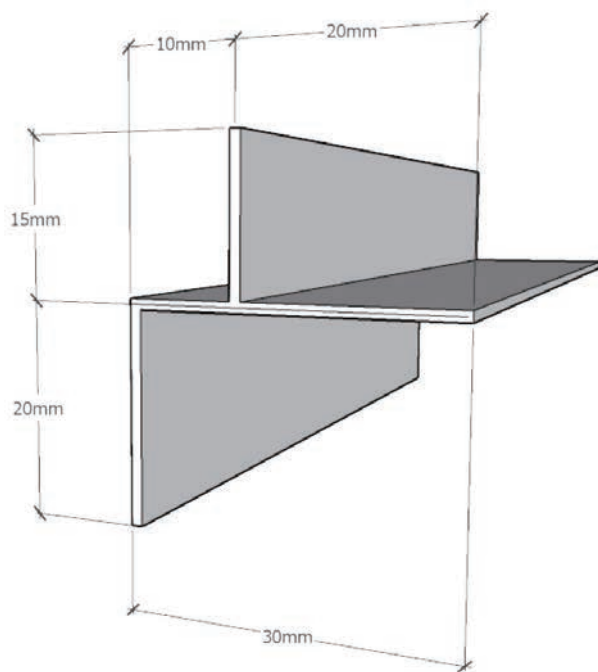
HTT-19 Non-Load Bearing Ceiling System



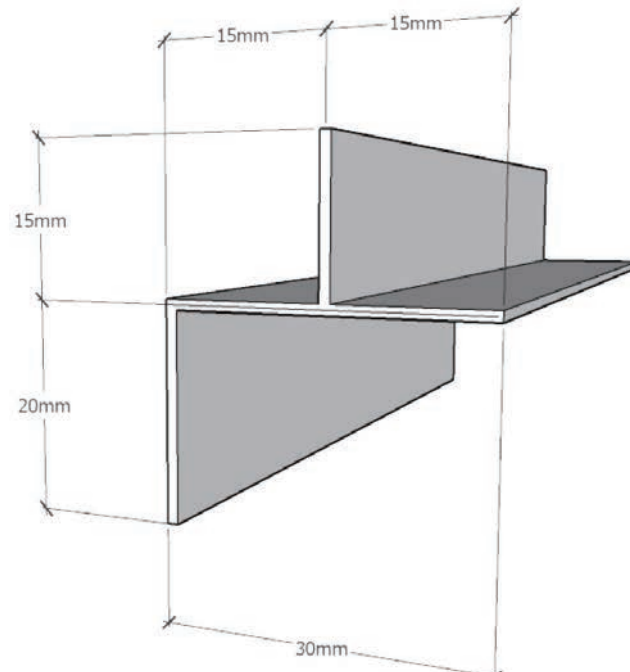
Aluminium F-Track

F-Track

HTT F-track are fixed at right angle to the plasterboard to be more sustainable



DIA.A



DIA.B

	Size	Thickness	Length
Diagram A	15x10x30x20	1.0mm	2440mm
Diagram B	15x15x30x20	1.0mm	2400mm

Insulation Materials

Partition . Ceiling . Roofing . Thermal . Acoustical



Product

HEI TAK TONE Building Blanket and Insulation Batt is a resin bonded fibrous glasswool thermal insulating material for use in walls, ceilings and roofs of domestic and commercial buildings. HEI TAK TONE Insulation Batt is pre-cut to suit a range of suitable framing spaces.

Technical Specification

HEI TAK TONE Building Blanket and Insulation Batt is resin bonded fibrous glasswool insulation manufactured from recycled and/ or virgin glass and resin binder. HEI TAK TONE Building Blanket and Insulation Batt is available as set out in Table as below (Table 1 & 2)

Table 1: HEI TAK TONE Building Blanket

Density (Kg/m ³)	Thickness mm	Length m/roll	Width m/roll	k-value W/mK
16	25	15	1.2	0.039
16	50	15	1.2	0.039
24	25	15	1.2	0.036
24	50	15	1.2	0.036
32	25	15	1.2	0.034
32	50	15	1.2	0.034
48	25	15	1.2	0.032
48	50	7.5	1.2	0.032

k-value means Thermal Conductivity (k) at 24DegC Mean Sizes and Dimensions could be varied as per your requested

Table 2: HEI TAK TONE Insulation Batt

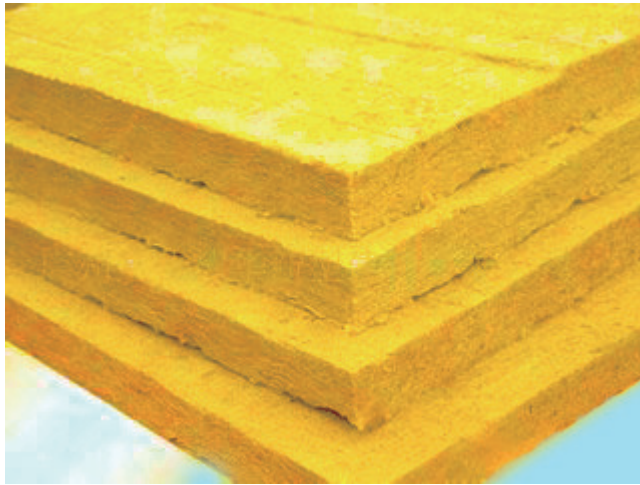
Density (Kg/m ³)	Thickness mm	Length mm	Width mm	k-value W/mK	R-value R=T/k
16	50	1.2	0.6	0.039	1.3
24	50	1.2	0.6	0.036	1.4
32	50	1.2	0.6	0.034	1.5
48	50	1.2	0.6	0.032	1.6

T=Thickness (m)

k-value means Thermal Conductivity (k) at 24 DegC Mean Sizes and Dimensions could be varied as per your requested.

HEI TAK TONE Building Blanket and Insulation Batt are non-combustible that are complying with the BS476 Part 4

Owens Corning Thermafiber



Thermafiber® FireSpan® Mineral Wool Insulation Board

Thermafiber offers a complete and appropriate product portfolio - FireSpan® mineral wool insulation board designed to stop sound, save energy, and provide life saving fire protection. This product is noncombustible, moisture-resistant, noncorrosive, nondeteriorating, mildew-proof and vermin-proof. It is applicable to the thermal insulation treatment of various types of dry wall panels. It can also be filled in the unitized curtain wall panels for the purpose of thermal insulation as well as reducing indoor and outdoor noises.

Acoustical Performance

Coefficients at Frequencies Per ASTM C 423							
Density and Thickness	125	250	500	1000	2000	4000	NRC
60kg/m ³ , 50mm	0.33	0.71	1.13	1.15	1.08	1.09	1.00
80kg/m ³ , 50mm	0.30	0.69	1.08	1.01	1.00	1.03	0.95
100kg/m ³ , 50mm	0.36	0.79	1.15	1.04	1.01	1.04	1.00

Technical Parameters

Item	Unit	Requirement	Test method
Density	kg/m ³	60-160	GB/T 19686-2015
Thickness	mm	50-150	GB/T 19686-2015
Size	mm	1200×600	GB/T 19686-2015
Conductivity (25°C)	W/(m.K)	≤0.036	GB/T 19686-2015
Combustion Performance	-	A1	GB 8624-2012
Surface Burning Characteristics FSI	-	FSI=0,SDI=5	ASTM E84
Heat Shrinkage Rate(650°C)	%	<2	ASTM C356
Heat Shrinkage Temperature Under Load	°C	≥500	GB/T 11835-2016
Short-term Water Absorption	kg/m ²	≤0.2	GB/T 19686-2015
Mass Moisture Absorption Rate	%	≤0.5	GB/T 19686-2015
Hydrophobicity	%	≥99.0	GB/T 19686-2015
Acidity Coefficient	-	≥1.6	GB/T 19686-2015
Shot Content	%	≤7.0	GB/T 19686-2015
Average Fiber Diameter	μm	≤6.0	GB/T 19686-2015
Organic Content	%	≤4.0	GB/T 11835-2016

Cl-series Clip-in Ceiling System



Introduction

HEI TAK TONE CI-Series Clip-in ceiling system is a closed space design. Each panel is clipped into the Spring tee runner (CI-101) tightly to hide the suspension parts at the back of the ceiling.

HEI TAK TONE is able to comply with international standard such as BS476-Part 6 & BS 476-Part 7.
Test Reports are available subject to request

Panel

Pattern: Square/ Rectangular.
 Materials: Aluminum alloy/ Galvanized steel
 Feature: The four edges of panel are 45 °beveled or 90 °squared designs. (Diagram A)

Coating

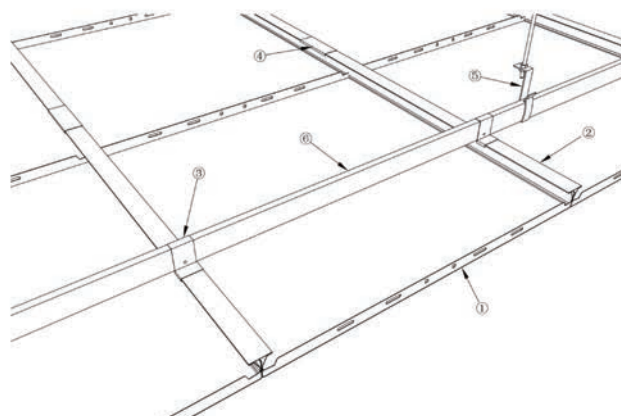
Washable Electrostatics powder-coating with Pure white (RAL9010), Traffic white (RAL9016) and many colour available.

Perforation

Many Perforation patterns available.

Clip-in Ceiling System

1. Ceiling Panel
2. Spring Tee Runner (CI-101)
3. Runner Clamp (CI-102)
4. Runner Connector (CI-103)
5. C-Channel Bracket (CI-104)
6. C-Channel (CI-162)

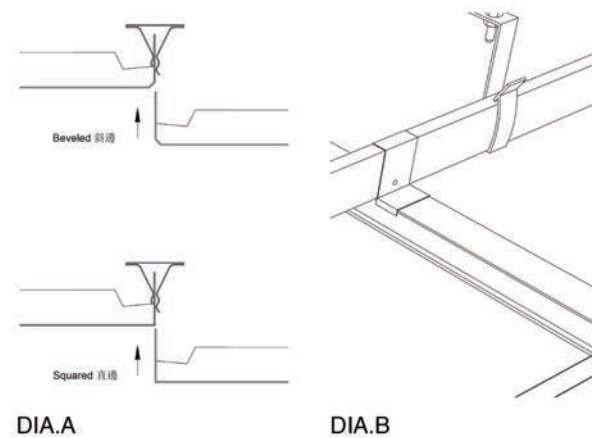


Suspension Drawing: Clip-in Ceiling System

Suspension

The ceiling is suspended by Spring tee runner (CI-101) which is fixed at the bottom of the C-channel (CI-162) connected by Runner clamp (CI-102) with distance 600mm centre to centre. All of the suspension units made from galvanized steel. (Diagram B)

Model No.	Dimension
CI-300	300x300mm
CI-500	500x500mm
CI-600	600x600mm
CI-5030	300x500mm
CI-6030	300x600mm
CI-12030	300x1200mm
CI-12060	600x1200mm



Ll-series Lay-in & Tegular Ceiling System



Introduction

HEI TAK TONE LI-Series Lay-in & Tegular ceiling system is a one kind of untied type design which is essential placed on the T-shape runner. Each piece of panel can be independent assembled and disassembled

Coating

Washable Electrostatics powder-coating with Pure white (RAL9010), Traffic white (RAL9016) and many colour available.

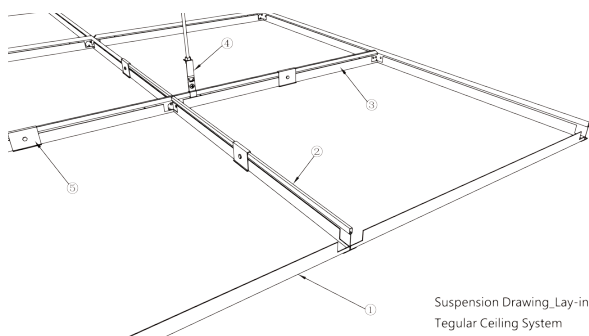
Perforation

Many perforation patterns available.

HEI TAK TONE is able to comply with international standard such as BS476-Part 6 & BS 476-Part 7. Test Reports are available subject to request

Panel

Pattern: Square/ Rectangular.
 Materials: Aluminum alloy/ Galvanized steel.
 Feature: The four edges of panel are 45° beveled or 90° squared designs. (Diagram A)



Suspension Drawing: Lay-in & Tegular Ceiling System

Suspension

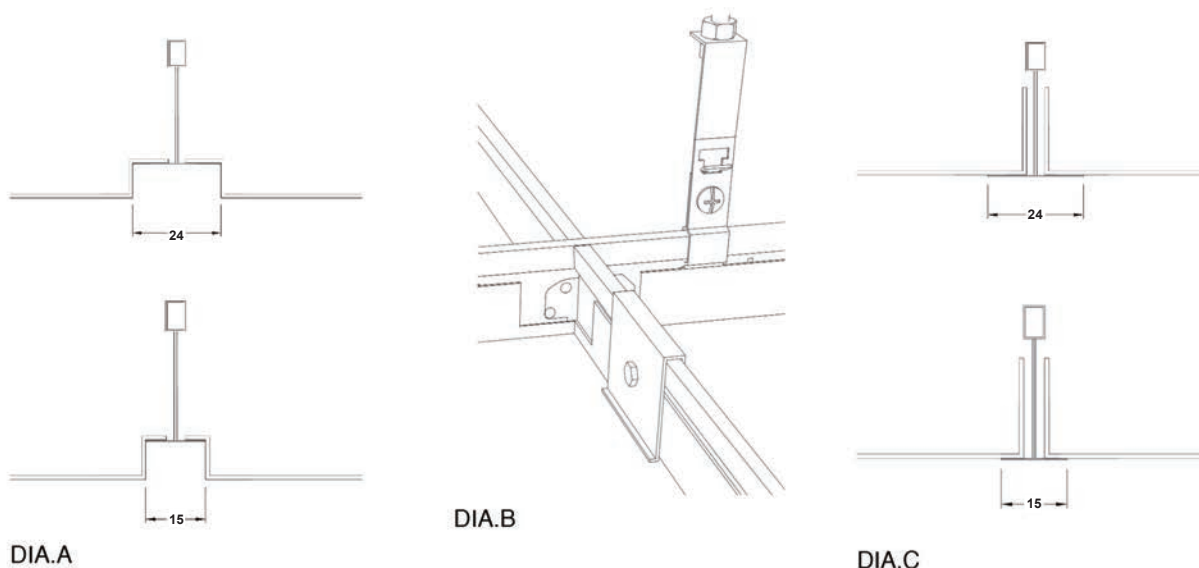
The combination of T-shape main and cross runners are built up the suspension frame which is hanged by T-runner clamp (LI-102). All of the suspension units made from galvanized steel. (Diagram B)

Model No.	Dimension
LI-475	475x475mm
LI-485	485x485mm
LI-495	495x495mm
LI-505	505x505mm
LI-575	575x575mm
LI-585	585x585mm
LI-595	595x595mm
LI-605	605x605mm

Special dimension can be ordered according to the enquiry of Designers, Architects and Consultants.

Lay-in & Tegular Ceiling System

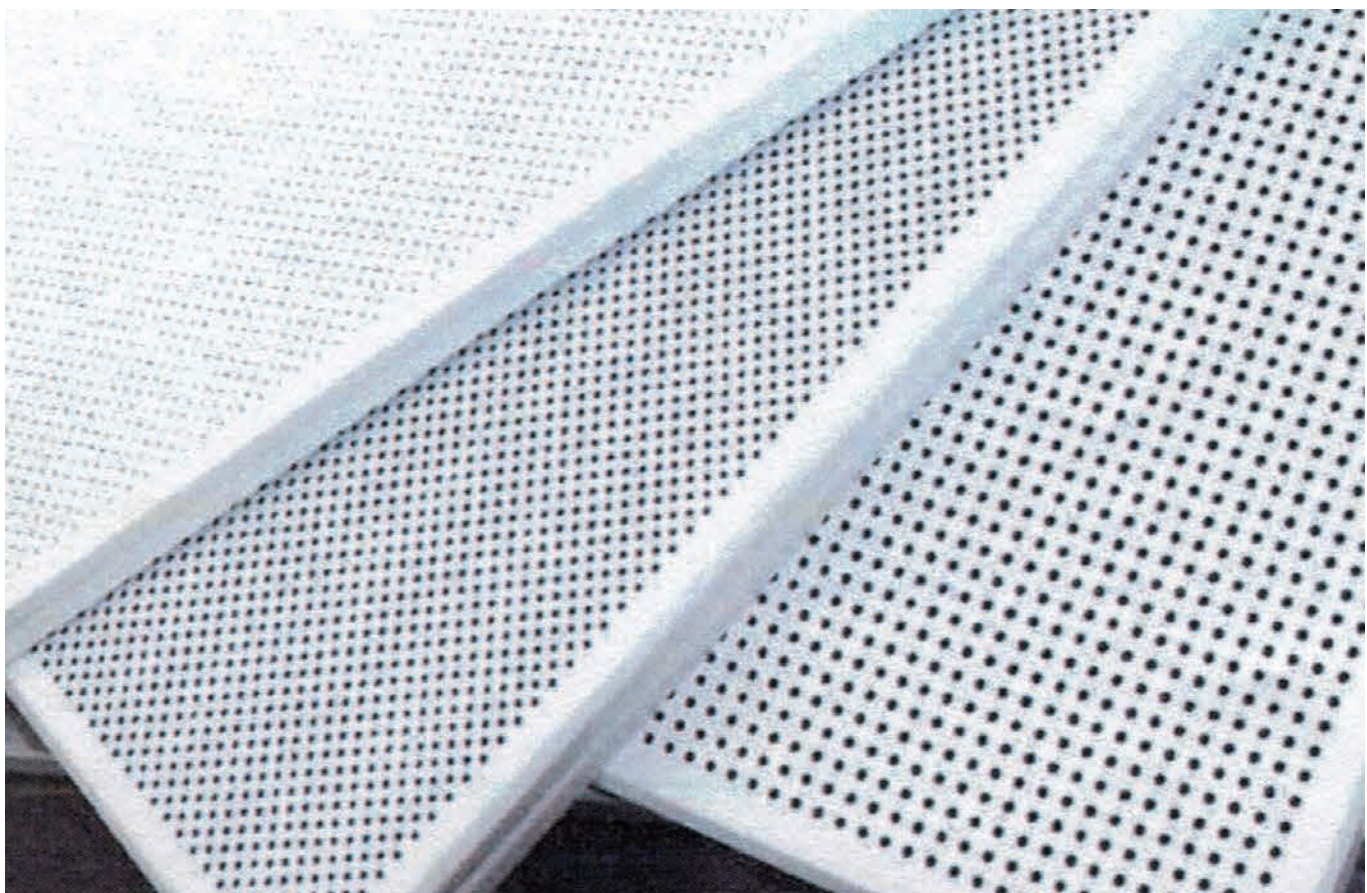
1. Ceiling Panel
2. Cross T-Runner (T-2427)
3. Main T-Runner (T-2430)
4. T-Runner Clamp (LI-102)
5. Security Clip (LI-103)



Perforation

Introduction

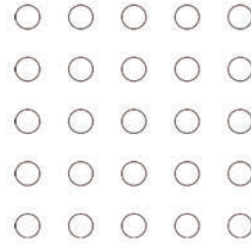
Perforation is wide used in a metal ceiling design to create a pleasant atmosphere enhanced by intelligent noise abatement. Perforated ceiling panel is used coordinately with acoustic inlay and fleece in order to increase the total absorption capacity of the room.



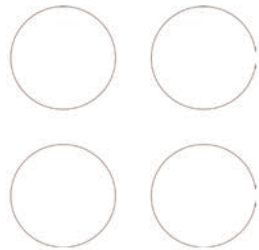
The below diagram are shown a different kinds of perforation patterns. Each one is able to provide a various percentage of open area in sound absorption. It is aim to coordination the varying degree of closed-space sound absorption demands. Many perforation patterns are available on request. Welcome to enquire more information from us, agents or distributors.



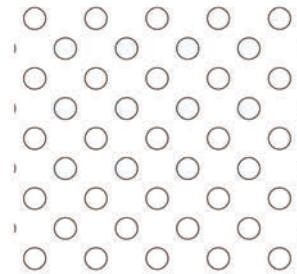
Hole size: Dia 0.8mm
Pitch: 5.0mm
Open Area: 2.0%



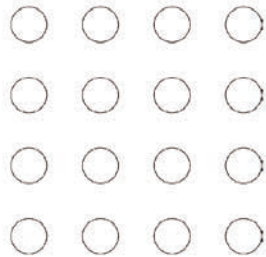
Hole size: Dia 2.5mm
Pitch: 5.5mm
Open Area: 16.0%



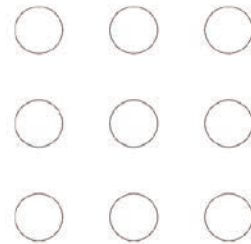
Hole size: Dia 19.0mm
Pitch: 25.5mm
Open Area: 44.0%



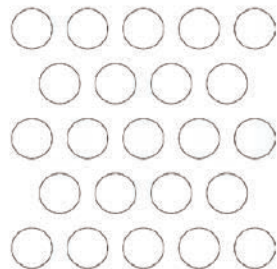
Hole size: Dia 1.8mm
Pitch: 5.0mm
Open Area: 20.0%



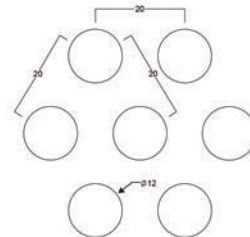
Hole size: Dia 3.5mm
Pitch: 7.0mm
Open Area: 20.0%



Hole size: Dia 6mm
Pitch: 12.0mm
Open Area: 20.0%

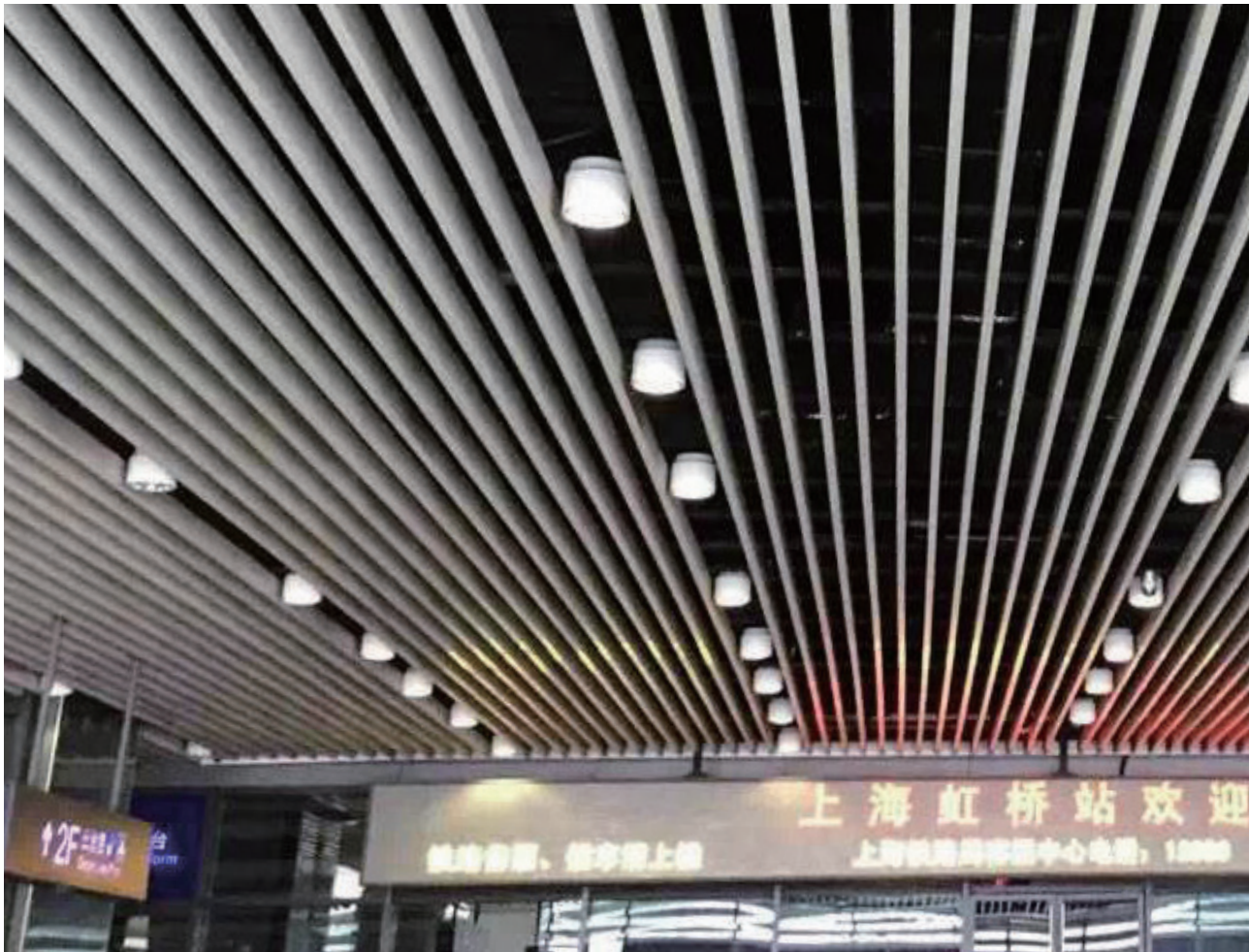


Hole size: Dia 4.5mm
Pitch: 6.17mm
Open Area: 48.0%



Hole size: Dia 12.0mm
Pitch: 20.0mm
Open Area: 33.0%

B-series Baffle Ceiling System



Introduction

HEI TAK TONE B-Series Baffle ceiling system is a open space design. The entire ceiling system is suspended by the special-made unit. In order to cooperate with the requirement of multi-application design, length and spacing of each panel provide custom ordering . The ceiling installing on the vertical or curved surface is available. The panel is easy to be assembled and disassembled by human beings in order to simplify the further inspection of equipments.

Panel

Pattern: Long strip and Hollow cuboids.
Materials: Aluminium alloy.

Feature: The four edges of panel is squared design and the custom panel length is also available for various design requirements. (DIA. A)

Coating

Electrostatics powder-coating or Fluorocarbon with Pure white (RAL9010), Traffic white (RAL9016) and many color available.

Suspension

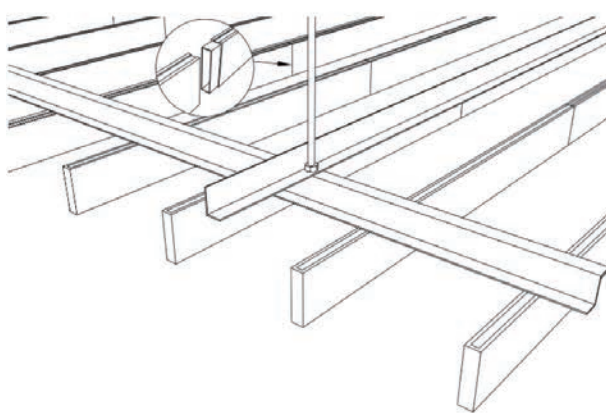
In DIA. B, the baffle is suspended by Positioned carrier (B-102). UL Bracket (B-101) is locking each baffle under the carrier. The distance between each runner is 1200mm centre to centre. Installing the Runner Bracket (B-103) with screw rod is to hang each carrier individually. All of the suspension units made from galvanized steel.

Model No.	Dimension
B-2550	W25 x H50mm
B-25100	W25 x H100mm

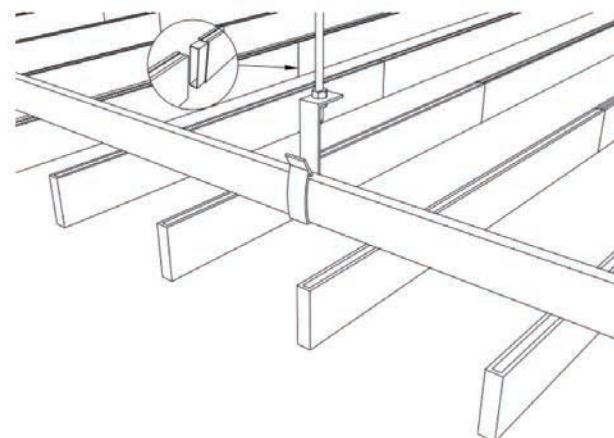
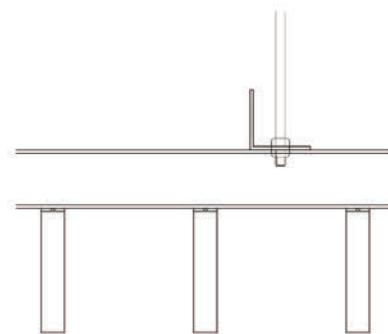
Special dimension can be ordered according to the enquiry of Designers, Architects and Consultants.

Baffle Ceiling System

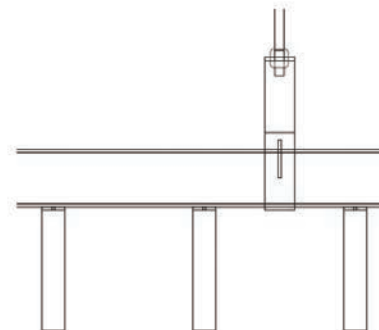
1. UL Ceiling Panel
 2. UL Bracket
 3. Positioned Carrier
 4. Carrier Bracket
 5. End Cap
 6. Panel Connector
- (Optional: L & Z & C shape carrier)



DIA.A



DIA.B



H-series

External Hook-on Ceiling System



Introduction

HEI TAK TONE H-Series Hook-on ceiling system is a closed space design. The panel is hooked on the Z-shape runner (H-101) tightly to hide the suspension parts at the back of the ceiling. Installing Security clip (H-103) can increase the windproof ability of the ceiling system. The problem

of Inspection and maintenance like air-conditioning, electrical, fire prevention system can be solved by installing ceiling hatch. Also, the security requirements meets by using locker as a switches. Coordinates HEI TAK TONE special light fittings and air-diffusers can make the best performance in ceiling outwards.

HEI TAK TONE is able to comply with international standard such as BS476-Part 6 & BS 476-Part 7. Test Reports are available subject to request

Panel

Pattern: Square and Rectangular.

Materials: Aluminum alloy/ Galvanized steel.

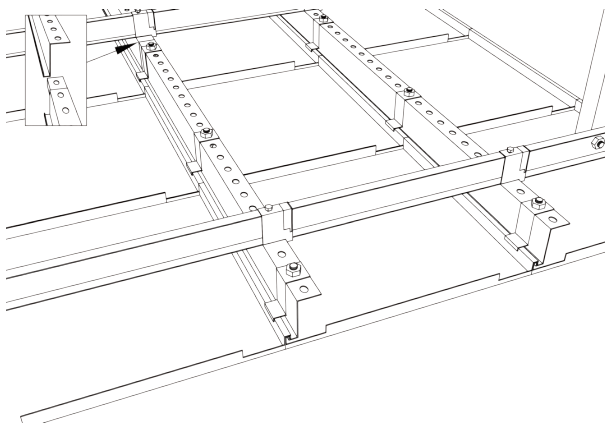
Feature: The four edges of panel are 45° beveled or 90° squared designs. (Diagram A)

Suspension

The ceiling is suspended by Z-shape runner (H-101) which is fixed at the bottom of the C-channel (H-162) or GMS angle by using Z-profile clamp (H-102). All of the suspension units made from galvanized steel.

Perforation

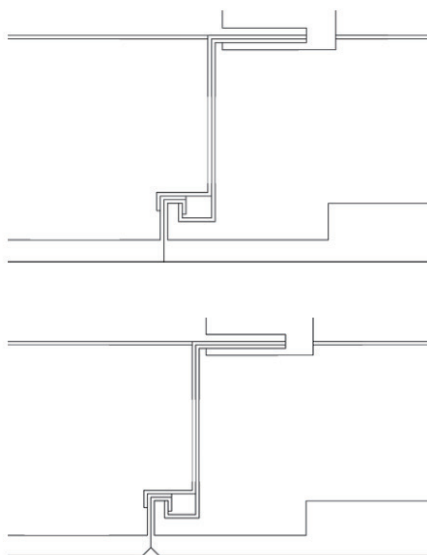
Many perforation patterns available.



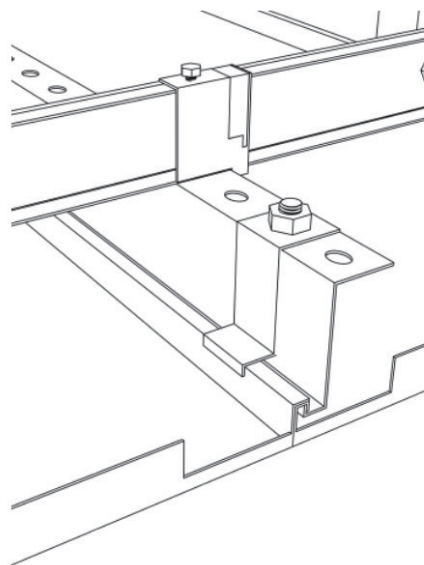
Suspension Drawing: External Hook-on Ceiling System

Model No.	Dimension
H-300	300x300mm
H-3060	300x600mm
H-30120	300x1200mm
H-600	600x600mm
H-60120	600x1200mm

Special dimension can be ordered according to the enquiry of Designers, Architects and Consultants.



DIA.A



DIA.B

Hook-on Ceiling System

1. Ceiling Panel
2. Z-shape Runner
3. Z-profile Clamp
4. Security Clip
5. Runner Connector
6. C-Channel

L-series Linear Ceiling System



Introduction

HEI TAK TONE L series Linear ceiling system is a closed space design. It is suitable for all the narrow spatial use. The panel is laid on the side wall angle. The installment and disassembling is extremely simple.

Panel

Pattern: Strip.
 Materials: Aluminum alloy
 Feature: The edge of panel are 90° squared (L-series). (Diagram A)

Coating

Washable Electrostatics powder-coating with Pure white (RAL9010), Traffic white (RAL9016) and many colour available.

Perforation

Many perforation patterns available.

Linear Ceiling System

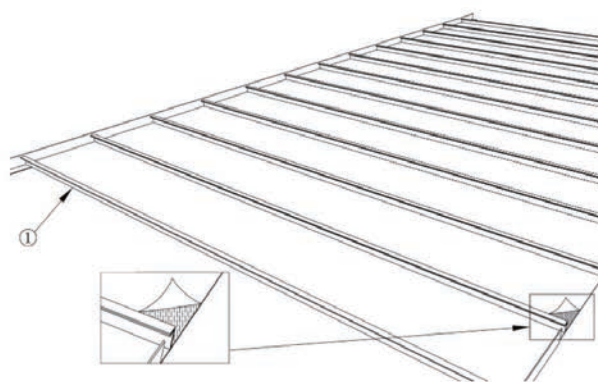
1. Ceiling Panel
2. L-angle (3000x22x22mm)
3. W-angle (3000x19x7x7x14mm)

Suspension

Suspension ceiling system is designed without runner type, L-angle, W-angle and others profile wall angle is used to suspend the entire ceiling. All of the suspension units made from galvanized steel.

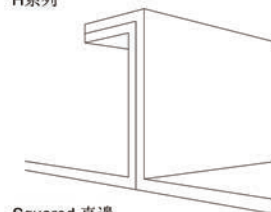
Model No.	Dimension
L-150	W150xLmm
L-200	W200xLmm
L-300	W300xLmm

Special dimension can be ordered according to the enquiry of Designers, Architects and Consultants.



Suspension Drawing: Linear Ceiling System

H-series
H系列



Squared 直邊
Diagram A

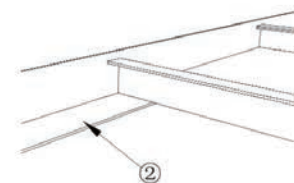


Diagram B

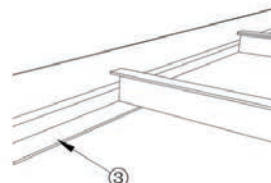


Diagram C

S-series Screening Ceiling System



Introduction

HEI TAK TONE S-Series Screening ceiling system is a open space design. The entire ceiling is suspended by the special-made runner. In order to cooperate with the requirement of multiplication design, length and spacing of each panel can be provided custom ordeing. The panel is easy to be assembled and disassembled by person in order to simplify the further inspection of equipments like light fittings, and other additional components.

Panel

Pattern: Floating sheet/ Strip

Materials: Aluminum alloy

Feature: Plain or curved surface and custom panel length is also available for various design requirements. (DIA. A)

Coating

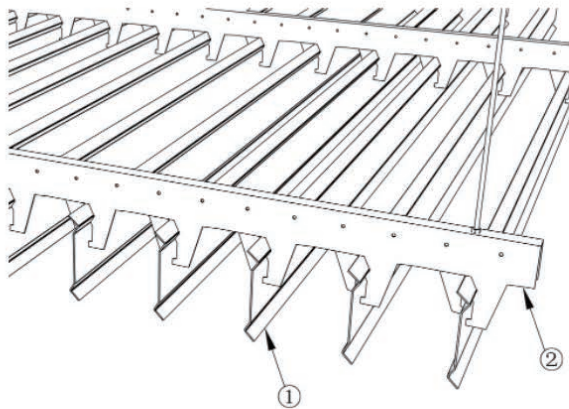
Electrostatics powder-coating with Pure white (RAL9010), Traffic white (RAL9016) and many colour available.

Suspension

The ceiling is suspended by S Runner (S-101) with screw rod. The distance between each runner is about 1200mm centre. Runner connector (S-102) is used to extend the length of runner (DIA. C). The runner made from either aluminum alloy or galvanized steel.

Model No.	Dimension
S-100	H150xLmm
S-150	H150xLmm

Special dimension can be ordered according to the enquiry of Designers, Architects and Consultants.



Suspension Drawing: Lay-in & Tegular Ceiling System

Screening Ceiling System

1. S Ceiling Panel
2. S Runner (S-101)
3. Runner Connector (S-102)

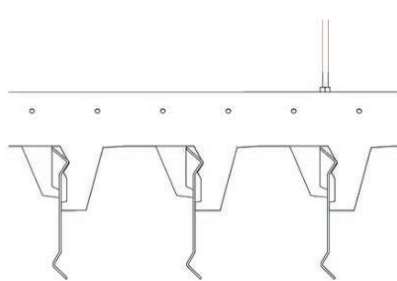


Diagram A

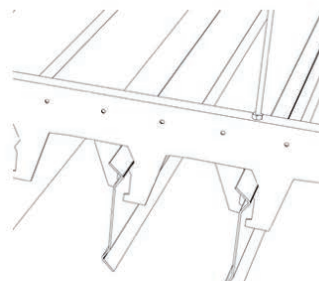


Diagram B

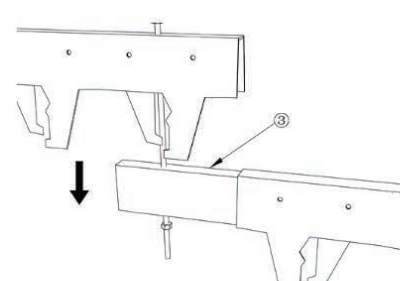


Diagram C

TL series

Tubeline ceiling system



Introduction

HEI TAK TONE TL-Series Tubeline ceiling system is simple and advantage of the installation for huge-area ceiling space system. In order to cooperate with the requirements of multiplication design, style and spacing of each panel can be provided custom ordering. It can be installed on the horizontal and vertical plane. The irregular ceiling design can be achieved like curved ceiling in order to promote a visual effect.

Typical Applications

- MTR Stations
- Lobbies and Entryways
- Airports and Bus Terminals
- Car Park
- School
- Restaurant
- External areas

Panel

Pattern:

Linear, tubular section.

Materials:

Aluminum alloy.

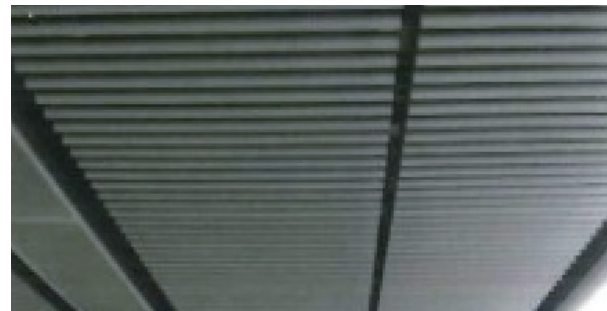
Feature:

plain and custom panel length is also available for various design requirements. (DIA. A)



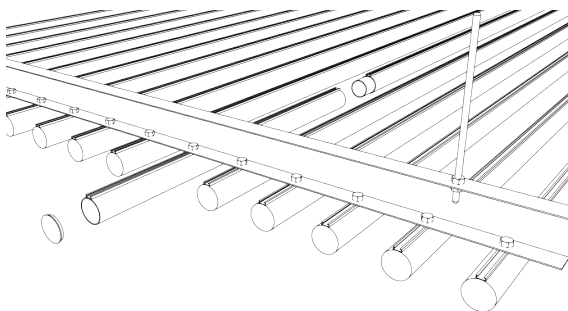
Coating

Electrostatics powder-coating or Fluorocarbon with Pure white (RAL9010), Traffic white (RAL9016) and many colour available.



Suspension

In DIA. A&B, the ceiling is suspended by Perforated carrier which is hanged by the screw rod. The distance between each runner is about 1200mm centre to centre. Bolts, Nuts and Rings are inserted to the long groove and directly fixing the tube at the back of the Perforated carrier. The runner made from either aluminium alloy or galvanized steel.



Suspension Drawing : Tubeline Ceiling System

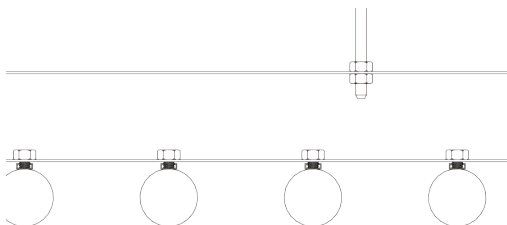


Diagram A

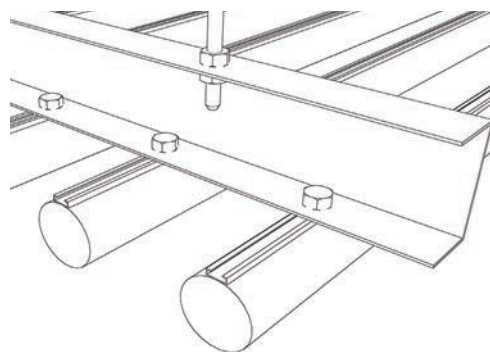


Diagram B

Model. no	Dimension
TL-32	DIA 32 x Lmm
TL-52	DIA 52 x Lmm

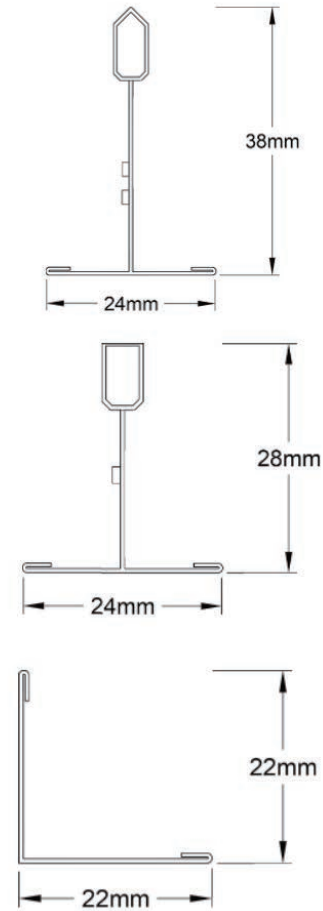
Special dimension can be ordered according to the enquiry of Designers, Architects and Consultants.

HTT 24 Grid System

24mm (15/16") Exposed Tee System:



Details:



Visual Selection		Performance Selection	
GRID FACE	ITEM NUMBER	DESCRIPTION	DIMENSIONS
24mm	HTTMB24	3000mm Main Beam	3000x24x38mm
24mm	HTTCT241200	1200mm Cross Tee	1200x24x28mm
24mm	HTTCT24600	600mm Cross Tee	600x24x28mm

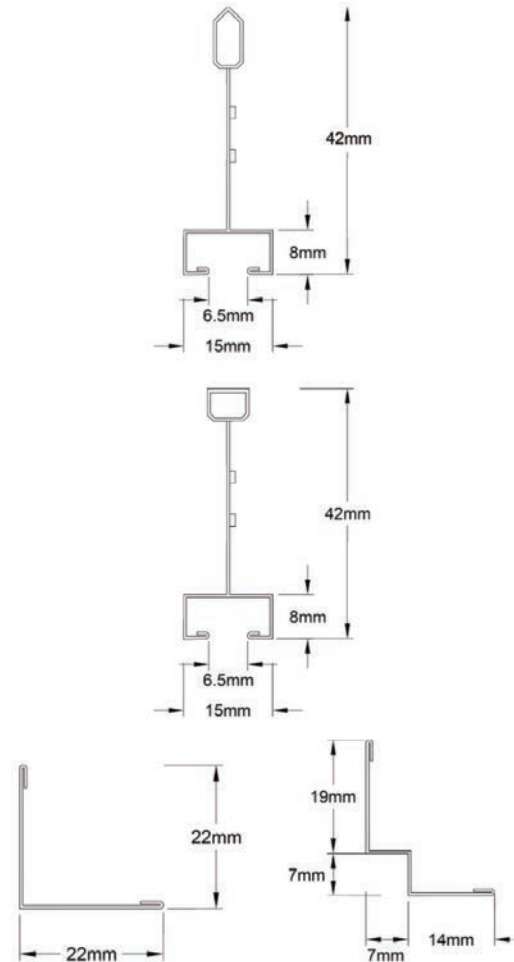
Molding			
GRID FACE	ITEM NUMBER	DESCRIPTION	DIMENSIONS
22mm	HTTW22	3000mm Wall Molding	3000x22x22mm

HTT 15 Grid System

15mm Bolt-Slot System:



Detail:

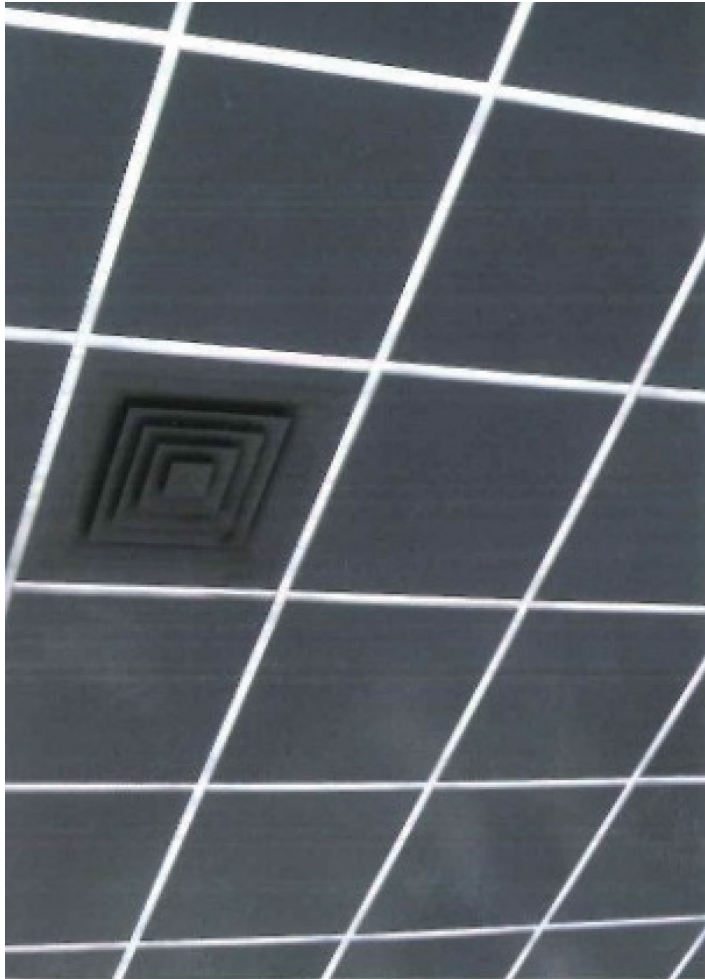


Visual Selection		Performance Selection	
GRID FACE	ITEM NUMBER	DESCRIPTION	DIMENSIONS
15mm	HTTB SMB15	3000mm Main Beam	3000x15x42mm
15mm	HTTBSCT1200	1200mm Cross Tee	1200x15x42mm
15mm	HTTSSCT600	600mm Cross Tee	600x15x42mm

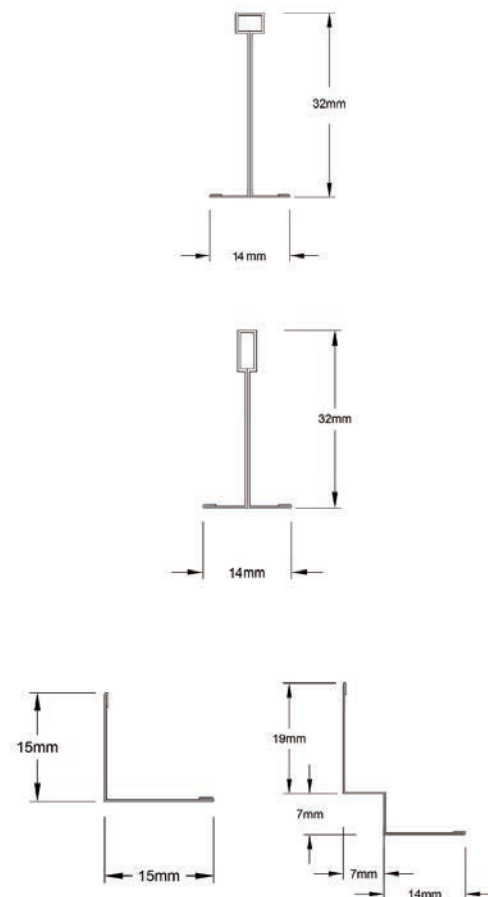
Molding			
22mm	HTTWM22	3000mm Wall Molding	3000x22x22mm
14mm	HTTSM14	3000mm Shadow Molding	3000x19x7x7x14mm

HTT 14 Grid System

14mm Exposed Tee system



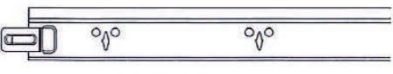
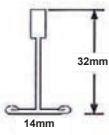
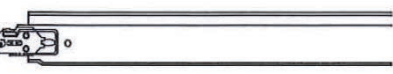
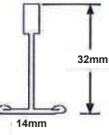
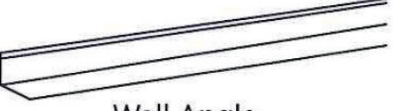
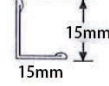

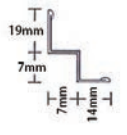
Detail:



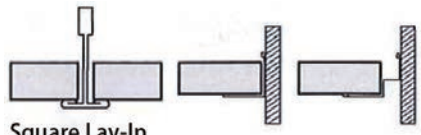
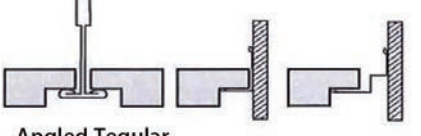
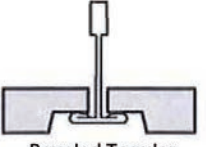
Visual Selection		Performance Selection	
GRID FACE	ITEM NUMBER	DESCRIPTION	DIMENSIONS
14mm	HTTMB14	3000mm Main Beam	3000x14x32mm
14mm	HTTCT141200	120mm Cross Tee	1200x14x32mm
14mm	HTTCT14600	600mm Cross Tee	600x14x32mm
Molding			
15mm	HTTWM15	3000mm Wall Molding	3000x15x15mm
14mm	HTTSM14	3000mm Shadow Molding	3000x19x7x7x14mm

Grids & Edges Details

Grid Tee System	Unit	Height (mm.)	Width (mm.)	Length (mm.)	Packing Quantity/ Carton(lines)
Main Tee	Metric	32	14	3000	30
Short Cross Tee	Metric	32	14	600	120
Long Cross Tee	Metric	32	14	1200	60

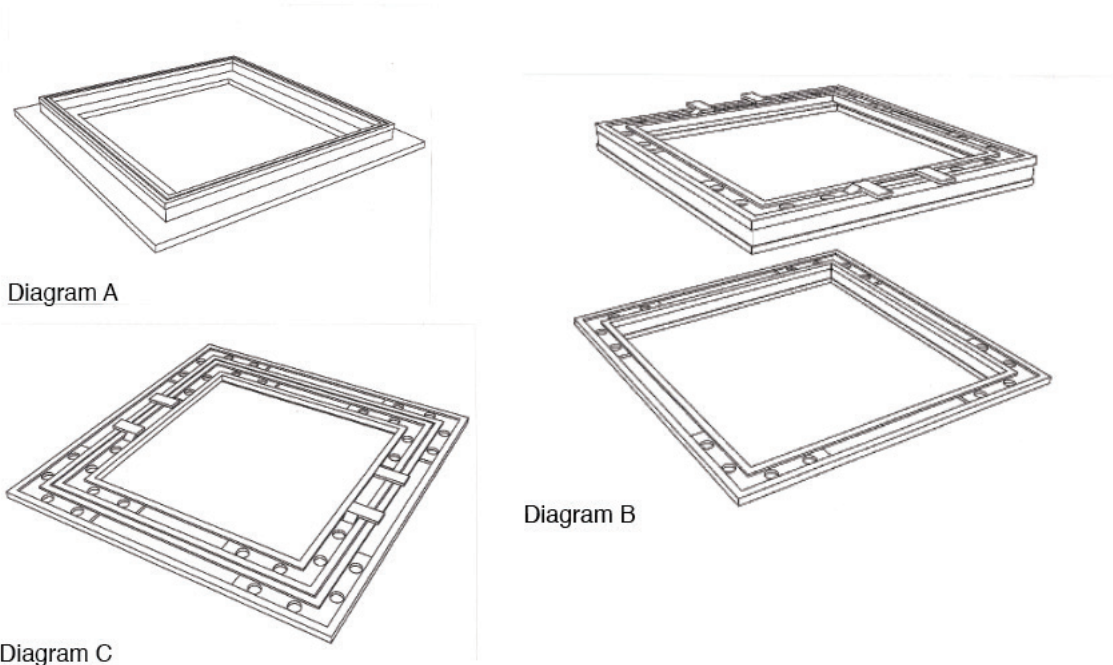
Suspension System	Narrow Face
 <p>Main Tee</p>	
 <p>Cross Tee</p>	
 <p>Wall Angle</p>	
 <p>Wall Angle W</p>	

Grids /Tile Option

Narrow Face
 <p>Square Lay-In</p>
 <p>Angled Tegular</p>
 <p>Beveled Tegular</p>

Drywall Systems

HAP - Access Panel



Features

- For partitions and ceilings
- Gypsum board inlay: 12 or 15mm Board
- Frame and flap produced from sturdy aluminum profiles
- Framing also available in white coating
- Easy opening
- Easy shutting
- The flap is completely detachable
- Two safety grips supplied for sizes from 600x 600mm
- Delivered with mounting instructions screws and protection cups

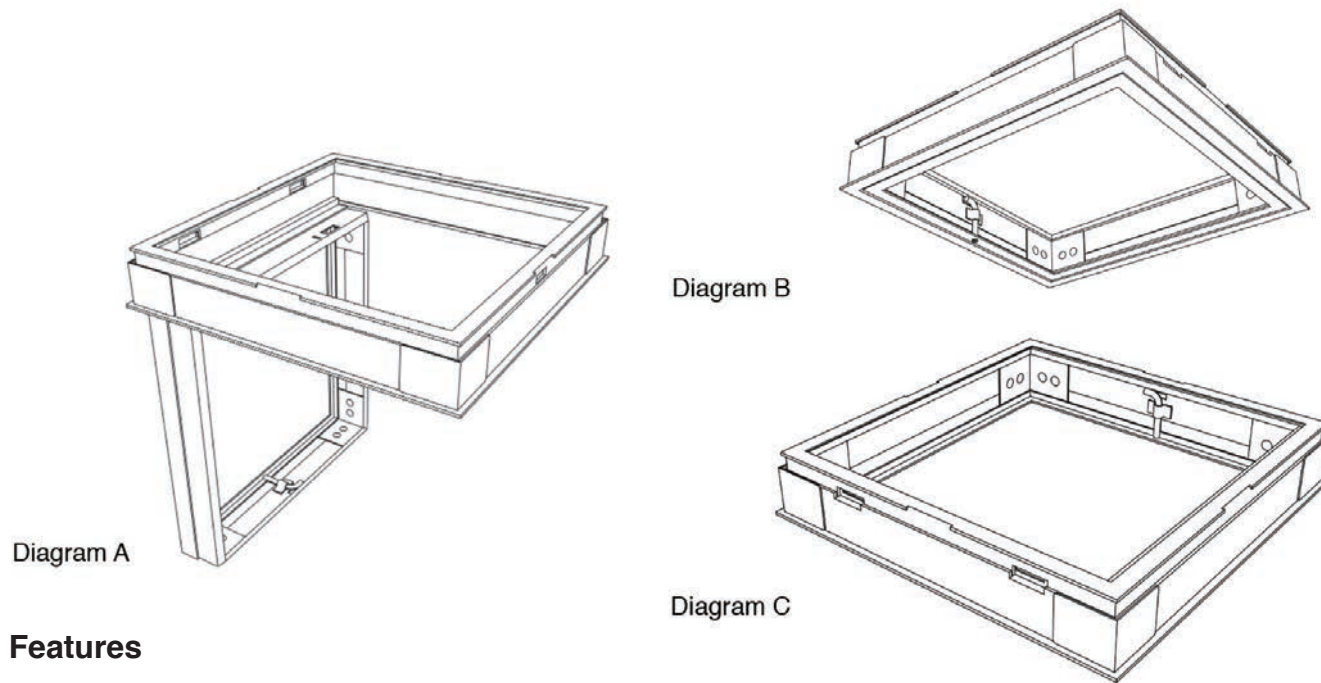
Available Sizes

Thickness (mm)	Size (mm)
12	300x300
	400x400
	600x600
	600x1200
15	300x300
	400x400
	600x600
	600x1200

Custom sizes can be produced upon enquiry

Drywall Systems

OAP - Access Panel



Features

- For partitions and ceilings
- Gypsum board inlay: 12 or 2 x 12mm Board
- Frame and flap produced from sturdy aluminum profiles
- Framing also available in white coating
- Easy opening
- Easy shutting
- The flap is completely detachable
- Two safety grips supplied for sizes from 600x 600mm
- Delivered with mounting instructions screws and protection cups

Available Sizes

Thickness (mm)	Size (mm)
12	300x300
	400x400
	600x600
	600x1200

Custom sizes can be produced upon enquiry

Drywall Systems

SP- Access Panel

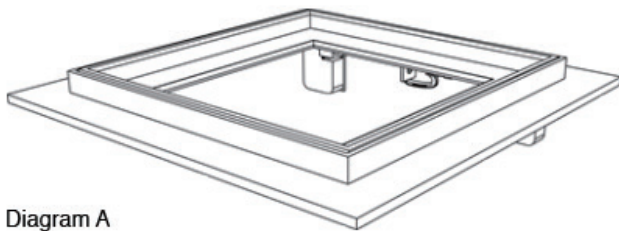


Diagram A

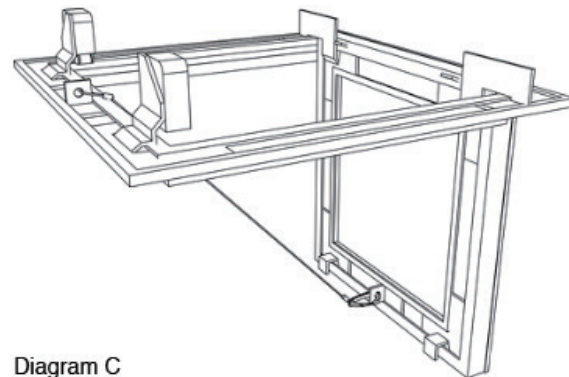


Diagram C

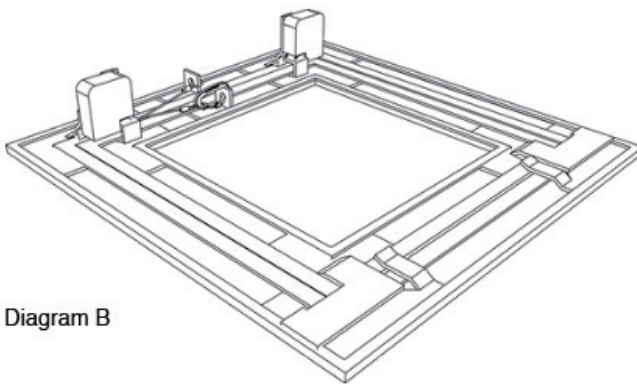


Diagram B

Features

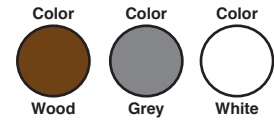
- For partitions and ceilings
- Frame and flap produced from sturdy aluminum profiles
- Framing also available in white coating
- Easy opening: Just apply pressure to the flap on the spring-loaded latch side
- Easy Shutting: When the flap is pressed in the spring-loaded latches lock into place and retain the flap
- The flap is completely detachable
- Two safety grips supplied for sizes from 600x 600mm
- Delivered with mounting instructions screws and protection cups

Available Sizes

Thickness (mm)	Size (mm)
12	300x300
	400x400
	600x600
	600x1200
2x12	300x300
	400x400
	600x600
	600x1200

Custom sizes can be produced upon enquiry

WOOD GRAIN



Introduction

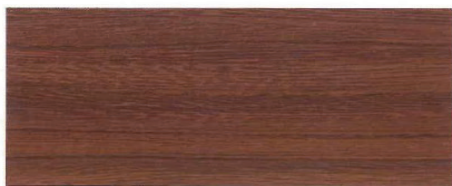
Ngai Shun Decoration And Materials Co., Limited has more than 80 advanced powder coating and wood grain paper production line, annual capacity of 1000 tons of enterprise powder coating, wood grain transfer printing paper production capacity of 80 million meters. Products are widely used in building, doors, and windows, and special made décor products. All our customers are come from worldwide.



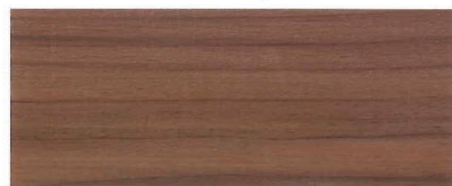
TL000011



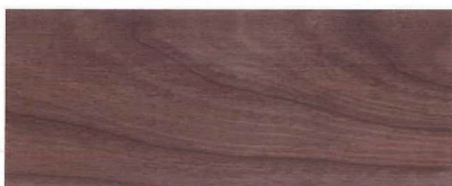
TL000012



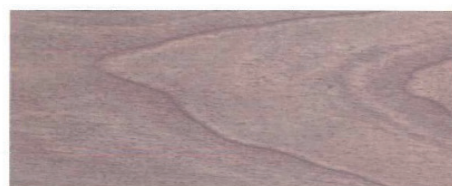
TL000013



TL000015



TL000016



TL000017



TL000018



TL000019



TL000020

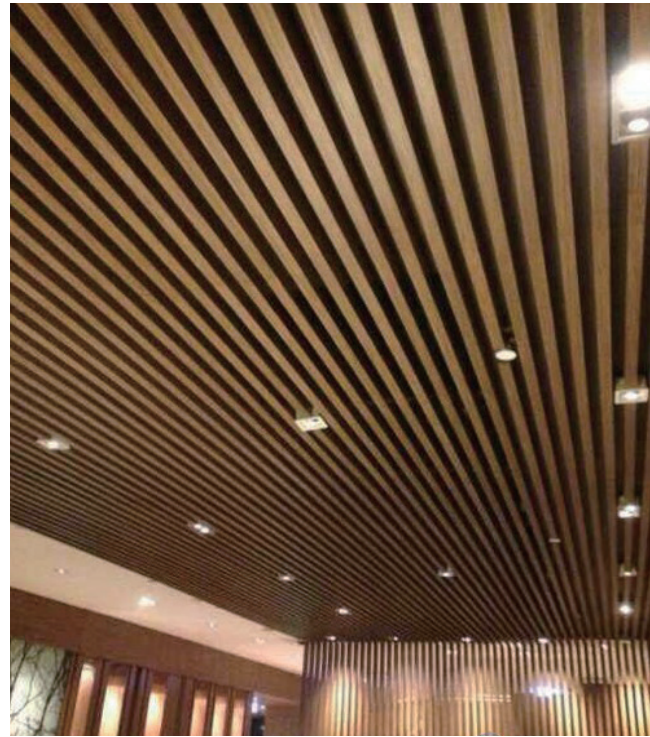


TL000021

Wood grain finished aluminum products offer a natural timber appealing, environmental friendly, solution for many products in architectural building construction and home interior industry, such as windows and doors, curtain wall and facade, louvers, railing, decking, furniture, ceiling and cladding, house siding, garden fence and gate, cabinets, appliance, etc.

The wood grain finish is ideally suited for applications where architects prefer to see a natural wood appearance.

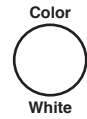
Wood grain finish on aluminum profile is a highly durable product that is easy to clean and does not require any maintenance of real wood. It offers high resistance toward heat, acids, humidity, salt, detergents, and UV. It is very suitable for residential and commercial architectural applications in interior circumstances.



Physical Data

Description	Timber Baffle Ceiling With Extruded Aluminum
Brand	HTT ALUMINIUM
Material	Aluminum alloy 6065
Size	50x50, 75x25, 75x50, 100x25, 100x30, 100x50
Other sizes on request	
Thickness	1.0mm, 1.2mm 1.5mm 2.0mm
Length	←6m
Coating	Powder coating, woodgrain coating
Color	White (RAL9010, RAL9003) Grey (RAL9006) Wood grain colors (oak, maple, walnut, dark cherry, dark brown, grey black etc)
Other timber look aluminum on request	
Place of Origin	China

HYGIENE FG



Introduction

HTT HYGIENE FG Acoustical Ceiling is a soft fibre ceiling solution for high acoustical spaces with glass fibre or rockwool as core material. The ideal product for modern office environments, its excellent sound absorption properties (high NRC of 0.9 up to 1.0) helps in creating noise free open plan offices, cafeterias, or any other places where too much noise can be disruptive. Superior acoustic performance coupled with exceptional sound blocking make the HTT high density tiles an ideal choice for controlling noise between offices, class rooms and entertainment areas and for controlling excessive ambiance which can affect speech intelligibility.



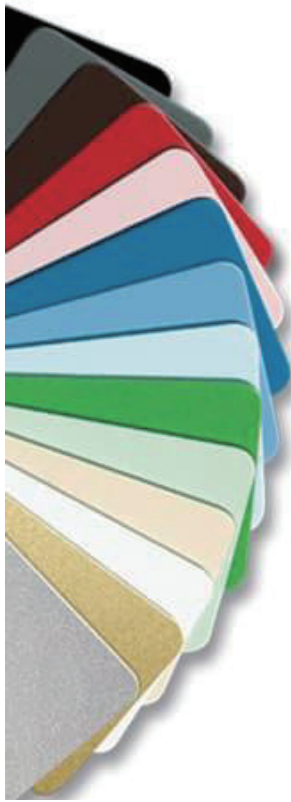
In addition, HTT FG ceiling is available in a large variety of size, colour, pattern and edge details combination. HTT Hygiene FG has been independently tested for fire and smoke development to meet the rigorous PRC & worldwide requirement listed as below.

1. GB/T20247- NRC - >0.9-0.99
2. GB 8624-1997- Type A
3. JC/T670-2005- >0.6
4. GB 18580- Type E1
5. GB 6566- Class A

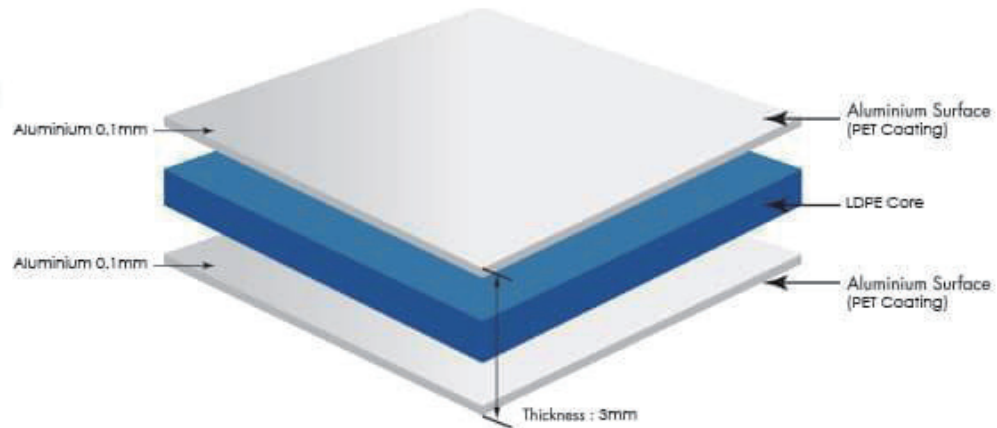
Physical Data

Description	High-density glass wool
Brand	HTT HYGIENE FG ACOUSTICAL CEILING TILES
Material	Glasswool
Types	Square Lay-In Tegular Clip-In Suspension Ceiling
Size	600mm X 600mm 600mm X 1200mm 600mm X 1800mm 1200mm X 1200mm
Other sizes on request	
Thickness	15mm 20mm 25mm
Density	130kg/m3
Weight	1.50-3.25kg/m2
Color	White Cream
Pattern	Jazz Rome Losa Venti Clean Room
Place of Origin	China

Aluminium Composite Panel



ALUMINIUM COMPOSITE PANEL



Benefits

Reduce Costing

Simple and efficient installation to reach reducing construction and labor majority costs

Superior Peeling Strength

The peel strength improves the flatness and durability of the aluminum-plastic composite panel.

Simplicity of Installation

The weight per square meter is only about 3.5-5.5 kg which is easy to carry to install

Excellent workability of all kinds of shapes such as cutting, shaping, edge planning,

bending into arcs and variety of angles can be completed with simple working tools.

Impact Resistance

Strong impact resistance, peel strength, and bending without damaging the finish or appearances.

Super Weather Resistance

It has a unique advantage in weather resistance which suitable for four season weather climate per annual year. Moreover, it will not damage the appearance and will not fade out for a period of time.

Variety Texture & Colors

After chemical conversion treatment and the application of Henkel's film technology, the adhesion between the paint and the aluminium composite panel is completely bonded, the colors are diverse, the selection is greater, and the matching is wider.

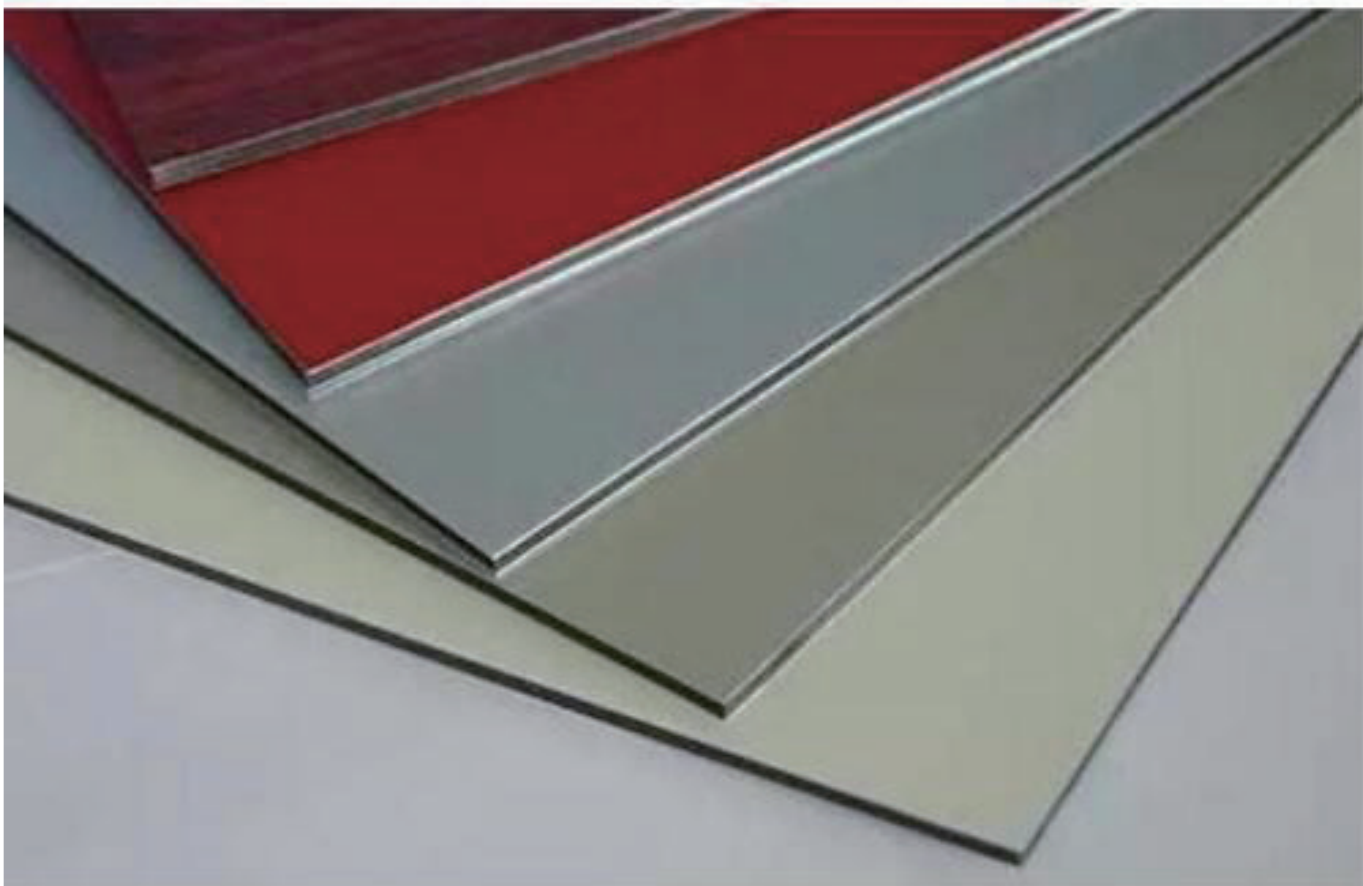
Simplicity of Process

The aluminium composite panel is an excellent building material that is easy to process and install. It can be shorten the construction period and greatly reduce the labor cost.

Aluminium composite panel can be cut, slotted, band sawed, drilled, cold-formed, cold-folded, cold-rolled, or glued.

Key Selection Attributes

1. Excellent weather resistance, high strength and easy maintenance.
2. Convenient construction, shorten construction period & greatly reducing labor costs.
3. Excellent process ability, thermal insulation, sounds resistant and excellent flame retardant.
4. Good plasticity, impact resistance, can reduce the load of the building, and vibration resistance.
5. Light Weight & Firmly texture
6. Many color choices.
7. Simplicity on-site processing.

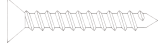
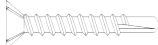

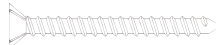
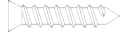


Hammer Bolt & Screw



Screw Shape	Application	Model	Size	Packing	
				(PCS/BOX)	(BOXES/CTN)
	"DFB" Type-Bugle Head For Fixing Gypsum Board to Gage Metal	DFB 06 019 CZ DFB 06 025 CZ DFB 06 032 CZ DFB 06 038 CZ DFB 06 050 CZ	#6 x 19mm #6 x 25mm #6 x 32mm #6 x 38mm #6 x 50mm	1,000 PCS. 1,000 PCS. 1,000 PCS. 500 PCS. 500 PCS.	10 BOX 10 BOX 10 BOX 20 BOX 16 BOX
	"MBN" Type-Flat 8mm Head With Drill Point For Fixing Gage Metal to Gage Metal	MBN 042 013 ZD	#4.2 x 13mm	1,000 PCS.	10 BOX
	"MFT" Type-Flat 6mm Head With Drill Point For Fixing Gage Metal to Gage Metal	MFT 042 013 ZD	#4.2 x 13mm	1,000 PCS.	10 BOX
	"FFC" Type-Flat Head With (4) Four Cutting Nibs For Fixing Fiber Cement Board to Gage Metal or Timber	FFC 06 025 CZ FFC 06 032 CZ FFC 06 038 CZ FFC 06 050 CZ	#6 x 25mm #6 x 32mm #6 x 38mm #6 x 50mm	1,000 PCS. 1,000 PCS. 500 PCS. 500 PCS.	10 BOX 10 BOX 20 BOX 16 BOX
	"WFB" Type-Bugle Head For Fixing Gypsum Board to Timber or Wood	WFB 06 025 CZ WFB 06 032 CZ WFB 06 038 CZ WFB 06 050 CZ	#6 x 25mm #6 x 32mm #6 x 38mm #6 x 50mm	1,000 PCS. 1,000 PCS. 500 PCS. 500 PCS.	10 BOX 10 BOX 20 BOX 16 BOX
	"DFB-ZD" Type-Bugle Head With Drill Point For Fixing Gypsum Board to Heavy Gage Metal	DFB 06 019 ZD DFB 06 025 ZD DFB 06 038 ZD DFB 06 050 ZD	#6 x 19mm #6 x 25mm #6 x 38mm #6 x 50mm	1,000 PCS. 1,000 PCS. 500 PCS. 500 PCS.	10 BOX 10 BOX 20 BOX 16 BOX
	"CFC" Type Countersink Head with Sharp Point For Fixing Section to Wood	CFC 06 E06 NI CFC 08 E06 NI CFC 08 E10 NI CFC 08 E12 NI CFC 08 E14 NI CFC 08 E20 NI	#6 x 3/4" #8 x 3/4" #8 x 1" #8 x 1/4" #8 x 1/2" #8 x 2"	1,000 PCS. 1,000 PCS. 1,000 PCS. 500 PCS. 500 PCS. 500 PCS.	10 BOX 10 BOX 10 BOX 20 BOX 20 BOX 16 BOX

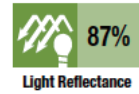


Screw Shape	Application	Model	Size	Packing	
	"DFB"Black series Type - Bugle Head For Fixing Gypsum Board to Gage Metal	2-DFB06019GP 2-DFB06025GP 2-DFB06032GP 2-DFB06038GP 2-DFB06050GP	#6x19mm #6x25mm #6x32mm #6x38mm #6x50mm	1000 PCS. 1000 PCS. 1000 PCS. 500 PCS. 500 PCS.	10 BOX 10 BOX 10 BOX 20 BOX 16 BOX
	"DFB" Type-Flat Head With Drill Point For Fixing Gage Metal to Gage Metal	2-FFC080025ZD 2-FFC080038ZD	#8x25mm #8x38mm	1000 PCS. 500 PCS.	10 BOX 20 BOX
	"2-DFB" Type- Flat Head with Drill Point For Fixing Gage Metal to Gage Metal For Fixing Gage Metal to Gage Metal	2-DFB 08 019 ZD 2-DFB 08 038 ZD 2-DFB 08 050 ZD	#8x25mm #8x38mm #8x50mm	1000 PCS. 500 PCS. 500 PCS.	10 BOX 10 BOX 10 BOX
	"DFB" Type-Bugle Head For Fixing Gypsum Board to Gage Metal	1-DFB 06 25	#6X25mm	1000 PCS.	10 BOX
	"MFT" Type-Flat 6mm Head With Drill Point For Fixing Gage Metal to Gage Metal	1-SFT 035 016	#3.5X16mm	1000 PCS.	10 BOX



Classic Lite

Mineral Fiber



Application Areas

- Offices
- Schools
- Healthcare
- Restaurant Dining Area
- Retail stores
- Factory

Physical Data

Material:

Wet-formed mineral fiber

Surface Finish:

Factory-applied latex paint

CLASSIC LITE RH99 With PeakForm PRELUDE
24mm Exposed Tee Grid

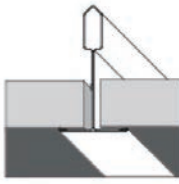
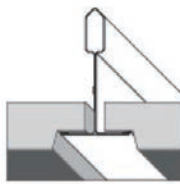
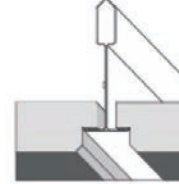


Key Selection Attributes

- Non-asbestos
- Nondirectional visual reduces installation time and scrap
- Good blend of acoustical performance for a move comfortable space
- Good light reflectance allow for more effective use of energy
- Ceilings qualify for LEED credits and certified by China Green Product Label and Ecospecific

LEED Contribution

LEED NC					LEED School
Recycle Content	Regional Materials	Renewable Materials	Daylight	Acoustical Performance	Innovation & design
✓	✓	✓	✓		

Armstrong Grid Options	SQUARE LAY-IN	ANGLED TEGULAR	BEVELED TEGULAR
	 24mm 15/16"	 24mm 15/16"	 15mm 9/16"
600 × 600 × 16 mm	1890M	1892M	1893M
600 × 1200 × 16 mm	1891M	-	-



NRC 0.50



CAC 30



RH99%



- US Class A-Flam Spread 25 or under
- BS476 part 6 & 7 Class 0
- GB8624-2012 B1



R Factor - 1.5(BTU units)
R Factor - 0.26(Watts units)



3.1kgs/m² (0.63 lbs/SF)



Member of China GBC

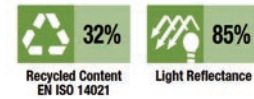


China Green Product Label



Qualify for LEED Credits

Fine Fissured Mineral Fiber



Benefits

- Nondirectional visual reduces installation time and scrap
- Ceilings qualify for LEED credits and certified by China
- Green Product Label and Ecospecifier
- Black Fine Fissured and black grid are available which can be used in cinema and special occasions
- Non-asbestos

Application Areas

- Offices
- Education
- Healthcare
- Retail & Hospitality
- Cinema

Colors



Tech black

- Due to printing limitations, shade may vary from actual product.
- Only layin edge is available in black colour

Physical Data

Material:

Wet-formed mineral fiber

Surface Finish:

Factory-applied latex paint

Warranty:

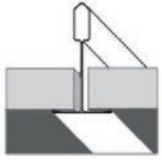
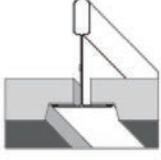
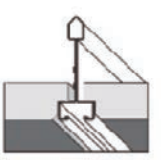
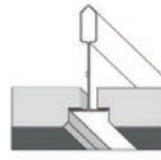
Humidity Resistance RH99 ceilings offer 10 years limited warranty and 30 years limited warranty when installed together with Armstrong commercial suspension system.

FINE FISSURED with PeakForm SUPRAFINE
XL15mm Exposed Tee Grid



LEED Contribution						
Construction waste management	Building/ Interiors Life Cycle Impact Reduction	Sourcing of raw materials	Interior Lighting -lighting quality	Acoustic	Prerequisite	regional materials*
✓	✓	✓	✓	✓		✓

*LOCATION DEPENDENT

Panel Options	SQUARE LAY-IN	ANGLED TEGULAR	BEVELED TEGULAR
	 PeakForm Prelude XL	 PeakForm Prelude XL	 PeakForm Silhouette  PeakForm Suprafine XL
600x600x16mm	W3510/W4052*	W3572A	W1734M
24"x24"x7/11"	W3511/W4053*	W1732C	W1734
600x1200x16mm	W3570B/W4051*	W3574A	W1739M
24"x48"x7/11"	W1730B/W4050*	W1733	-

*Item code for Black FF



NRC 0.60



CAC 33 (Lay-in) CAC 35 (TEGULAR)



RH99*
*Sag test comply with BG/T 25998-2010



- US:Class A-Flame Spread 25 or under
- BS476 part 6 & 7 Class 0/class 1
- GB8624-2012 B1
- According to GB50222, the mineral fibre panel of fire rating Class B1 is a Grade A building material, when being installed with steel grid.



R Factor - 1.5(BTU units)
R Factor - 0.26(Watts units)



3.2kgs/m² (0.66 lbs/SF)



Member of China GBC



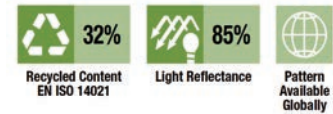
China Green Product Label



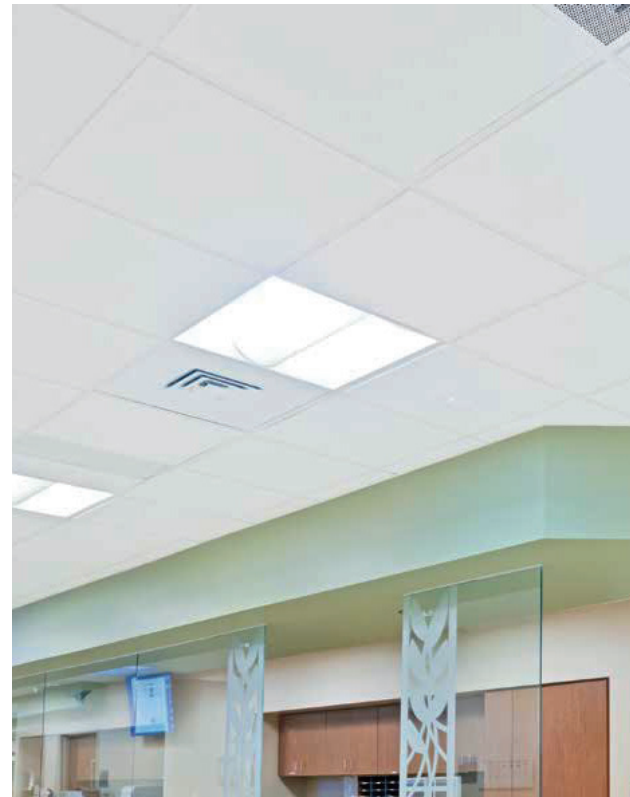
Qualify for LEED Credits

DUNE

Mineral Fiber



DUNE with PeakForm PRELUDE XL 24mm Exposed Tee Grid



Benefits

- Non-Directional fine sanded texture ceiling tiles with reinforced scratch resistant durability
- Superior acoustic performance reduces reverberation for improved speech intelligibility
- High light reflectance for brighter space and increase energy savings
- Cleanable with dry cloth or vacuum with soft brush attachment
- Qualified for LEED credits and listed by Singapore Green Building Product as Very Good, deemed to be of an eco-preferable nature and likely to contribute points to various green building assessment

Application Areas

Commercial Office

Improved productivity over hard surface ceilings

Closed Plan Area

Sound attenuation; Concentration; Privacy

General Healthcare

Improve indoor noise ambiance level; ideal for healing environment

Classrooms and General Teaching Conditions

Speech intelligibility; Improved learning experience

TechZone Ready

Compatible with Modular Techzone Integrated Systems

Physical Data

Material

Wet-formed mineral fiber

Surface Finish

Factory-applied acrylic latex paint with "BioBlock™ mold/mildew inhibitor"

Armstrong Ceiling Qualified for LEED® Credits

construction waste mgmt	recycled materials	design for Flexibility	recycle content	sourcing of raw materials	low emitting materials	lighting quality	Acoustics
✓	✓		✓	✓	✓	✓	

*LOCATION DEPENDENT



Warranty

Armstrong commercial suspension systems and commercial ceiling products have a 30 year limited system warranty when installed together

Armstrong Grid Options	SQUARE LAY-IN	ANGLED TEGULAR	BEVELED TEGULAR	
	 Prelude Grid	 Prelude Grid	 Suprafine Grid	 Silhouette Grid
600 × 1200 × 16mm	3641B	3645B	3649B	
600 × 600 × 16mm	3643B	3647B	3651B	
400 × 1200 × 16mm	4653	4654	4655	
300 × 1200 × 16mm	4640	4641	4642	
24 × 48 × 7/11"	3640B	3644B	-	
24 × 24 × 7/11"	-	3646B	-	



NRC 0.50



CAC 33
3644B, 3645B, 3646B,
3647B, 3649B, 3651B
4641, 4642, 4645, 4655

CAC 30
3640B, 3641B, 3643B
4640, 4653



RH 99% at 0°C-49°C



BS476 part 6 & 7 Class 0/Class 1
US: Class A – Flame Spread 25 or under



Thermal Insulation (R-Value)
0.26 m²K/W



3640B, 3641B, 3643B	3644B, 3645B, 3646B, 3647B, 3649B, 3651B	4640, 4641, 4642, 4653, 4654, 4655
3.80 kg/m ²	4.00 kg/m ²	3.90 kg/m ²
0.77 lbs/SF	0.82 lbs/SF	0.80 lbs/SF



ULTIMA

Mineral Fiber

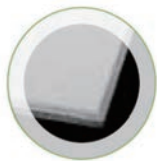
Relative Installed cost

\$	\$\$	\$\$\$	\$\$\$\$
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Recycled Content:
67%



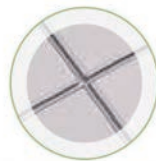
Detail and Grid Intersections



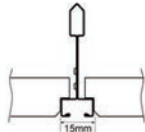
ULTIMA
Beveled Tegular



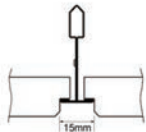
ULTIMA with PeakForm
SUPRAFINE 15mm (9/16")
Exposed Tee Grid



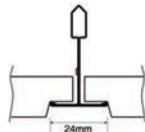
ULTIMA with PeakForm
SILHOUETTE 15mm (9/16")
6mm (1/4") Reveal Grid



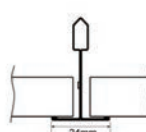
Beveled Tegular
with PeakForm
Silhouette



Beveled Tegular
with PeakForm
Suprafine XL



Angled Tegular
with PeakForm
Prelude XL



Square Lay-in
with PeakForm
Prelude XL

ULTIMA Beveled Tegular with PeakForm SUPRAFINE
15mm (9/16") Exposed tee Grid



▲ Fine texture

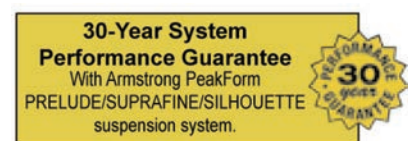
Key Selection Attributes




- Smooth, nondirectional finish on scratch-resistant surface.
- Visually coordinates with Optra FG for mixed (open/closed plan) applications.
- DuraBrite surface for excellent durability and superior light reflectance (LR 0.88) reduces lighting and energy costs by up to 23%
- Excellent sound absorption
- Durable: Washable, Impact-resistant, Scratch-resistant, Soil-resistant.
- Ceilings qualify for LEED credits.
- Non-asbestos

* Note: Ceilings installed within temperatures of between 0°C to 49°C and relative humidity of up to 99%

Typical Applications

- Offices
- Healthcare spaces
- Schools
- Areas requiring sag resistance and frequent plenum access
- Retail/department stores
- Lobbies/public areas
- Dining areas/restaurants



GRID FACE	15mm		24mm		24mm	
EDGE PROFILE	Beveled Tegular		Square Lay-in		Angled Tegular	
ITEM NUMBER	H4478	H4779	H4770	H4771	H4774	H4775
DIMENSIONS	600x600x19mm	600x1200x19mm	600x600x19mm	600x1200x19mm	600x600x19mm	600x1200x19mm
ACOUSTICS NRC	0.70 					
CAC	35					
FIRE RESIST	Class A					
SAG RESIST						
LIGHT REFLECT	0.88 					
DURABILITY	Washable Impact-Resist Scrath-Resist Soli-Resist					

Physical Data

Material:

Wet-formed mineral fibre with DuraBrite Acoustically transparent membrane surface finish

Surface Finish:

DuraBrite with factory-applied acrylic latex paint

Flame Spread/Fire Resistance:

US: Class A-Flame Spread 25 or under BS476 part 6 & 7 class 0
Conforms with BCA spec. C1.10 and tested to AS/NZS 3837:1998 - Group 1 AS/NZS 1530.3

Insulation Value:

R Factor - 2.3 (BTU units)
R Factor - 0.4 (Watts units)

Weight:

1 lbs/SF (4.9kg/m²)

Warranty:

See warranty details in official Armstrong catalog

Items:

H4778,H4779

Suspension system:

15mm (9/16") PeakForm SILHOUETTE
15mm (9/16") PeakForm SUPRAFINE

Items:

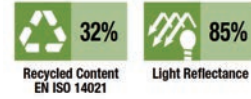
H4770,H4771,
H4774,H4775

Suspension system:

24mm(15/16")PeakForm 888 / PeakForm PRELUDE

BIOGUARD

Mineral Fiber



Benefits

- Special Armstrong Bioguard paint treatment, can effective against a wide range of bacteria. (European laboratory certified)
- Highest anti-mold performance(O level), effectively restrict fungus reproduction.
- Water Repellency and Washable surface, ceiling tiles can be directly cleaned with wet cloth.
- Special wax back coating, can effective prevent condensate water penetrating into board, finally from sag and stain.
- No-asbestos, certified by China Green Product Label and Eco specifier and qualify for LEED credits

Application Areas

- Healthcare
- Kitchens, food service and processing areas
- Emergency/exam rooms
- Laboratories/lavatories

Physical Data

Material

Wet-formed mineral fiber

Surface Finish

Factory-Applied latex paint

BIOGUARD with Peakform SUPRAFINE XL



LEED Contribution						
Construction waste management	Building/ Interiors Life Cycle Impact Reduction	Sourcing of raw materials	Interior Lighting -lighting quality	Acoustic	Prerequisite	regional materials*
✓	✓	✓	✓			✓

*LOCATION DEPENDENT

Warranty

Humidity Resistance RH95 ceilings offer 10 years limited warranty and 30 years limited warranty when installed together with Armstrong commercial suspension system.

Panel Options	SQUARE LAY-IN	ANGLED TEGULAR	BEVELED TEGULAR
	 PeakForm 888 Prelude XL 32	 PeakForm 888 Select	 Select PeakForm Suprafine XL
600x600x15mm	W8680	W8682	W8684
600x1200x15mm	W8681	W8683	W8685



CAC 33



RH95*

* Sag test comply with GB/T 25998-2010



- US:Class A-Flame Spread 25 or under
- BS476 part 6&7 Class 0 / Class 1
- GB8624-2012 B1
- According to GB50222, the mineral fiber panel of fire rating Class B1 is Grade A building material, when being installed with a steel grid.



R Factor - 1.5 (BTU units)
R Factor - 0.26 (Watts units)



3.15 kgs/m² (0.64 lbs/SF)



Member of China GBC



China Green Product Label



Qualify for LEED Credits

SOUNDSCAPES® BAFFLES



Traffic white (TWH)	Light Ivory (LIV)
Pastel Blue (PBL)	Traffic Grey (TGR)
Pale Green (PGR)	Pale Brown (PBR)

Define your interior space with Armstrong SOUNDSCAPES Baffles, which feature a sleek, linear design combined with excellent sound absorption, making it the ideal solution for noisy environments.



Benefits

- Modern linear appearance
- High acoustic performance
- Cost effective and retrofittable
- Simple installation – individually or in groups from PeakForm 24mm Grid
- Easy integration with mechanical services
- Custom sizes and colours
- Durable, highlight reflective finish (std. white)

Typical Applications

- Education
- Transport
- Offices
- Naturally lit areas with skylights
- Leisure

Physical Data

Item nr.	Dimensions (mm)	Pieces / carton	Weight
CS201240_ _ _	200x1200x40	4pcs/ctn	1.2 kg/panel
CS201840_ _ _	200x1800x40	4pcs/ctn	1.8 kg/panel
CS401240_ _ _	400x1200x40	2pcs/ctn	2.3 kg/panel
CS401840_ _ _	400x1800x40	2pcs/ctn	3.5 kg/panel

*Replace _ _ _ with color suffix for item number

Other sizes on request. Maximum length : 2000mm (Nom)

Material

Glass fibre substrate

Surface Finish

Durable scrim with factory applied paint

Edge

Painted edges

Dimensions	
Panel item CS401240: 400x1200x40mm	Panel item CS401840: 400x1800x40mm

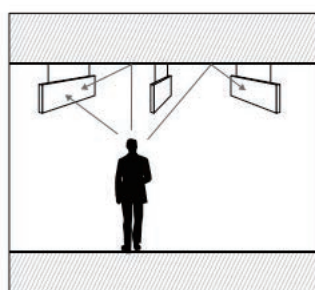
Performance

Armstrong SOUNDSCAPES Baffles can significantly reduce background noise levels and reverberation times within spaces and enhance speech intelligibility. They provide absorption on all surfaces of the product either as a 'planar' absorber, when installed as a linear array; or as a 'discrete' absorber when installed as separate decorative elements.

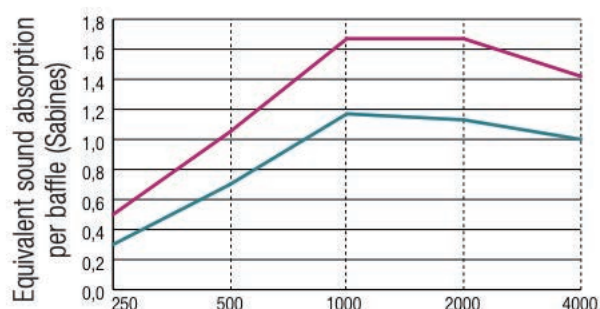
Acoustical Data - 1000mm airspace

Dimensions	Sabines* per panel
SOUNDSCAPES Baffles - 400x1200mm	1.00
SOUNDSCAPES Baffles - 400x1800mm	1.45

* Average of 500-4000Hz, laboratory measurements with units suspended at 1000mm (depth) and at 2000mm (min.) centres in accordance with EN ISO 354:2003. Contact the Armstrong Technical Sales team for further acoustic and performance information.

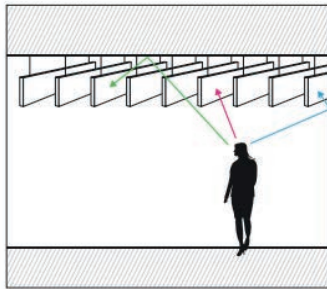


Discrete absorption

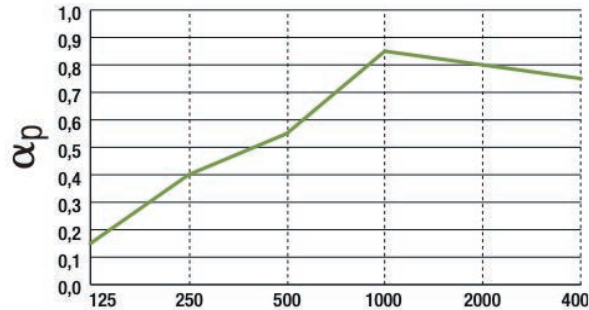


Acoustical Data - 1000mm total depth (600mm Void)

Dimensions	w/NRC
SOUNDSCAPES BAFFLES CURVES 400mm (450mm centres)	0.60(MH)0.65



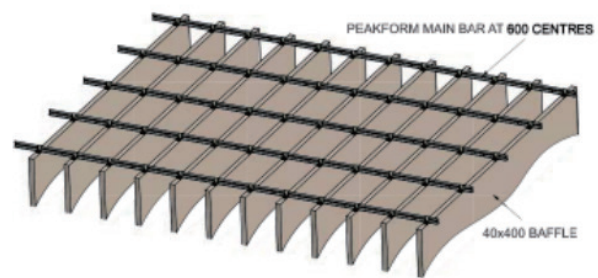
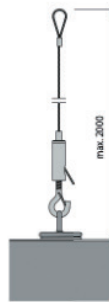
Planar absorption



Acoustic Solutions	No Treatment	SOUNDSCAPES Baffles : 1200x400x40mm
	Exposed Structure	190 Baffles (Discrete absorbers): 19 rows of 10 Baffles (rows at 2m centres)
Reverberation Time (sec)	3.4	1.2
RT improvement (%)	ref	65%
Sound Level Reduction (dB)	ref	-3 dB
Sound Absorption in Sabines	ref	190 Baffles @ 1.00 Sabin/Baffle = 190 Sabines

Notes: 450m² Space: Exposed Structure (15m x 30m), 4.5m to deck, drywall with windows on two sides, commercial carpet

Installation and Accessories



Item	Description
BPCS5135A	Hanging Kit - Independent Suspension (Ordered separately) Includes - Aircraft cables (4), Cable adjustors (4) and Gripper Hooks (4) Note: 1 Hanging Kit required for 2 Baffles
BPCS5548BZC	Prelude Hanger Kit - Group Baffle Installation (Ordered separately) Includes - Hangers (24) and Snaphooks (12)

SOUNDSCAPES BAFFLES CURVES may be installed using standard PeakForm Prelude 24mm Grid suspension system with BPCS5548BZC, or hang individually from the soffit using Hanging Kits.

Integrated Spiral Anchor Clips are factory fitted for easy alignment and installation.

Please refer to the Installation Guide for more details.

METALWORKS™ CLIP-ON

Smooth texture



MetalWorks™ Clip-on panels in Silverlume with Prelude® 15/16" suspension system (Pgs. 458-459)

Key Selection Attributes

- Now, transform your images onto custom perforated MetalWorks Create!™ ceiling and wall panels for a unique aesthetic visual with acoustical performance
- Great for renovations - transform spaces with existing 15/16" suspension quickly and easily
- MetalWorks Clip-on panels are part of the Sustain portfolio and meets the most stringent sustainability compliance standards today. Unperforated (M1) panels only

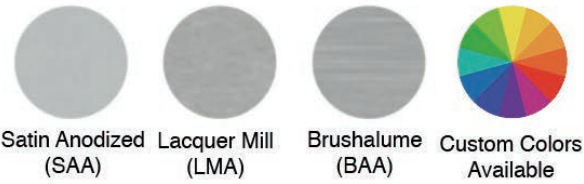
LEED Contribution												
energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclability/extended producer resp	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting materials	lighting quality	Acoustics
	✓	✓	✓	✓			✓	✓				

- Choose from butt joint, 1/4", or 1/8" panel reveals
- 24" x 24" and 24" x 48" standard sizes: custom sizes available up to 24" x 48"
- Fixture frames provide a clean, finished look
- NRC values up to 0.90 with fiberglass infill panels

Color

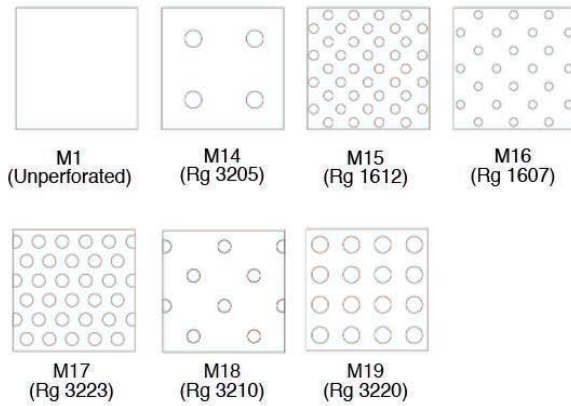


Part of the Sustain portfolio, meeting sustainability compliance standards. (M1 - unperforated panels only)



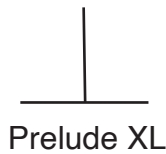
** Mximum NRC achieved with acousical infill (item 8200100)

Perforation options (1:2 scale shown)

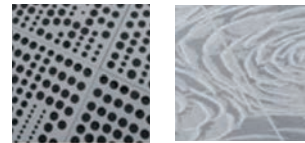


Suspension systems

15/16"



Example: **7110 M14 LMA**
Panel item Perforation Finish:
 M14 Lacquer
 Round Straight Mill
 Rg 3205

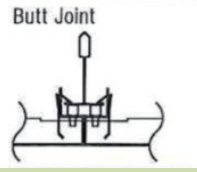
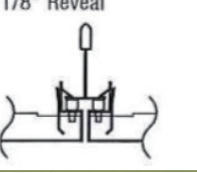
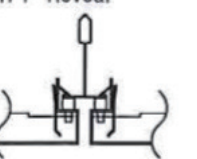


Custom Perforations Available

Acoustical Information

Perforation	NRC with acousical fleece	NRC with 1" fiberglass infill**
M1 (Unperforated)	-	-
M14 (Rg 3205)	0.55	0.85
M15 (Rg 1612)	0.70	0.90
M16 (Rg 1607)	0.70	0.80
M17 (Rg 3223)	0.75	0.90
M18 (Rg 3210)	0.65	0.85
M19 (Rg 3220)	0.75	0.90

** Mximum NRC achieved with acousical infill (item 8200100)

Visual Selection		Performance	
Edge Profile	Item No.	Dimensions (Inched) W x L x H	Light Reflect
Metalwork Clip-on			
	7100_____	24x24x1"	0.77
	7111_____	24x48x1"	0.77
	7140_____	24x24x1"	0.77
	7141_____	24x48x1"	0.77
	7154_____	24x24x1"	0.77
	7155_____	24x48x1"	0.77>

When specifying or ordering, include appropriate perforation and color suffix (e.g., 71110 M 1 L M A) with item number.
NOTE: Light reflectance is for unperforated Whitelume.

Stocked items

Item no.	Description	Dimensions (Inched) Nominal W x L x H	Color	Pieces/ Carton
7110M1CTN10WHA	-	Nominal 24"	Whitelume	10
7110M1CTN10SIA	-	Nominal 24"	Sliverlume	10
7110M15CTN10WHA	-	Nominal 24"	Whitelume	10
7110M5CTN10SIA	-	Nominal 24"	Sliverlume	10

Item No.

7112___	Box Molding	1 x 96 x 1"	WHA,SIA, MYA SAA, LMA, BAA	10
7113___	Spreader Hold Down	1 x 10-5/8 x 1"	N/A	40
7119___	Fixture Frame	24" x 24"	WHA,SIA, MYA SAA, LMA, BAA	1
7120___	Fixture Frame	24" x 48"	WHA,SIA, MYA SAA, LMA, BAA	1
7223___	Perimeter Trim	1 x 96 x 4-1/4"	WHA,SIA, MYA SAA, LMA, BAA	10
5823	BioAcoustic Infill Panel	24 x 24 x 5/8"	Black	12
8200100	1" Fiberglass Infill Bag	24 x 24 x 1"	Black(Gloss)	12

NOTE: Adjustable Trim Clip used with standard Axiom® or MetalWorks Trim systems.

Physical Data

Material

Aluminum - thickness 0.040"

Recycled Content

Up to 80%.

Surface Finish

Painted finishes: Factory-applied polyester paint.
Custom colors also available.

Fire Performance

Painted aluminum finishes tested per ASTM E84. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

Painted Aluminum finishes CAN/ULC S102 surface burning characteristics: Flame Spread Rating 25 or less. Smoke Developed Classification 50 or less.

Acoustical Options

Perforated panels are supplied with a black fiberglass fleece to absorb sound.

Installation Considerations

Ensure suspension is level and square, whether using existing or new suspension system.

Design Considerations

Panel face sits 1" lower than the suspension system. Some light, sprinklers, and other components may need to be height adjusted when retrofitting.

Panels have a directional finish; follow direction arrows printed on the protective film.

Anodized and Lacquer Mill finishes may vary in shade between production runs as well as over time. Sizes can be mixed and matched on non-perforated panels only.

Butt joint panels are recommended if the suspension system is not coordinated with the panel color.

MetalWorks™ steel and aluminum panels are made at different manufacturing facilities that use different paint systems. Because of this, similar colors, i.e., White and Whitelume, are not exact color matches. Please consider this when designing adjacent spaces with multiple MetalWorks products.

Seismic Restraint

MetalWorks Clip-on panels have been engineered, tested, and approved for application in all seismic areas when installed per Armstrong Ceilings installation instructions

Design Support

Project management assistance is available by calling TechLine at 1 877 276-7876.

Warranty

One (1) Year Limited Warranty
Details at armstrongceilings.com

Weight

0.75 lbs/SF

METALWORKS™ Blades – Classics™

Liner Design with Acoustical Options

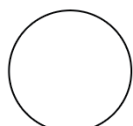
Smooth texture

Key Selection Attributes

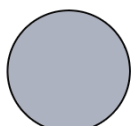
- Create acoustical or non-acoustical upscale linear designs
- Blade come with two end caps, one end cap, or no end caps for maximum design flexibility
- Join several blades together to create a longer run
- Use double end capped blade for access areas
- Blades spacing is variable to accommodate a variety of design and acoustical needs
- Fast, easy installation on standard Prelude® 15/16" suspension systems
- Custom RAL color available on unperforated blades

Color selection

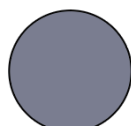
Due to printing limitations, shade may vary from actual product.



Whilelume
(WHA)



Sliverlume
(SIA)

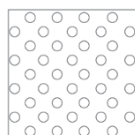


Gun Metal
(WYA)

Perforation options (1:2 scale shown)



M1
(Unperforated)

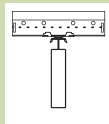





M15
(Rg 1612)



LEED Contribution

Acoustics	energy	daylight & views	indoor air quality	renewable materials	recycled content	waste mgmt	local materials
✓			✓		✓	✓	✓

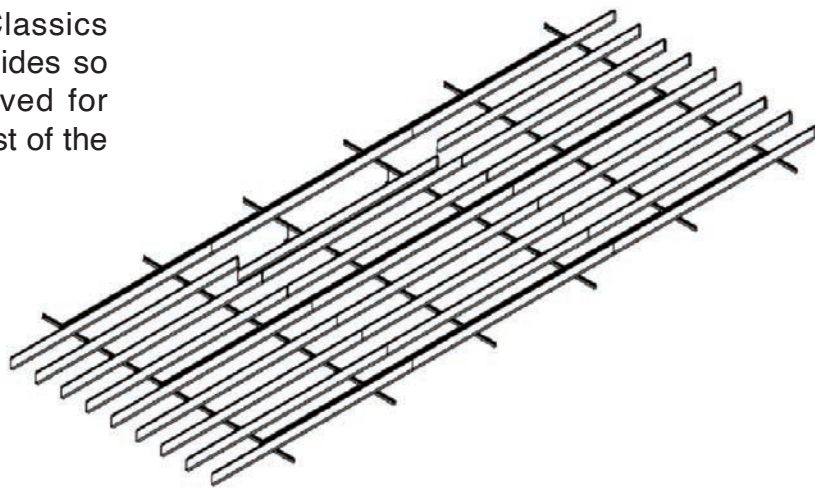
Visual selection			Performance			
Edge Profile	Item No.*	Description/Dimensions L x W x D	Sabins/ Panel†	Wash	Scrub	Soll
METALWORKS™ Blades – Classics™						
	7201_-----	Blade with 2 end caps 95 x 4 x 1" 	2.5	•	•	•
	7202_-----	Blade with 1 end caps 96 x 4 x 1" 	2.5	•	•	•
	7203_-----	Blade with 2 no end caps 96 x 4 x 1" 	2.5	•	•	•

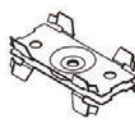
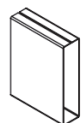
* When specifying or ordering, include the appropriate 2-letter perforation suffix and 3-letter color suffix (e.g., 7201 M 1 S 1 A).

† With M15 perforation

Create access ares by using 95" blade (item 7201)

Install MetalWorks Blades - Classics with factory end caps in both sides so they can be individually removed for access without disturbing the rest of the installation.



Accessories			
	Item No.	Description	Pieces/carton
	7204	MetalWorks™ Blades – Classics Attachment Clip	100
	7205	MetalWorks™ Blades – Classics Alignment Device	24

Physical Data

Material

Aluminum – thickness 0.032”

Recycled Content

Minimum 25%, up to 98% recycled content available.

Surface Finish

Factory-applied polyester paint

Fire Performance

Tested per ASTM E84. Flame Spread Index 25 or less.

Smoke Developed Index 50 or less.

CAN/ULC S102 surface burning characteristics.

Flame Spread Rating 25 or less. Smoke Developed Classification 50 or less.

Acoustical Options

Perforated panels are supplied with a black fiberglass fleece to absorb sound (2.5 sabins/panel).

Design Support

Project management assistance is available by calling 1 877 ARMSTRONG, options 1-1-4 to work with the Architectural Specialties project management team.

Seismic Restraint

Refer to ASCE 7-10, Section 13.5 Architectural Components, for seismic requirements. Section 13.5, item 2 refers to 13.2.3 Consequential Damage: The functional and physical interrelationship of components, their supports, and their effect on each other shall be considered so that the failure of an essential or non-essential architectural, mechanical, or electrical component shall not cause the failure of an essential architectural, mechanical, or electrical component. Item #3: The connection to the structure shall allow for a 360° range of motion in the horizontal plane.

Warranty

Warranty details at armstrong.com/warranty

Weight; Square Feet/Carton

1.41 – 1.43 lbs/SF

METALWORKS™ VECTOR SYSTEM



BENEFITS

- Semi-concealed grid for a monolithic look
- Easy & safe installation on standard 24mm Peakform Tee grid
- Simple accessibility & Downward de-mountable, requires minimal plenum clearance, minimal plenum clearance
- Durability: Washable, Scratch-resistant, Soil-resistant, Impact-resistant
- Good acoustical performance
- 5 standard sizes and finishes & customization available.

STANDARD COLOR



Global White



Trioguard™

OPTIONAL COLOR



RAL Color



Wood Grain Colors

Note: Due to printing limitations, shades may vary from actual product.

APPLICATIONS AREAS

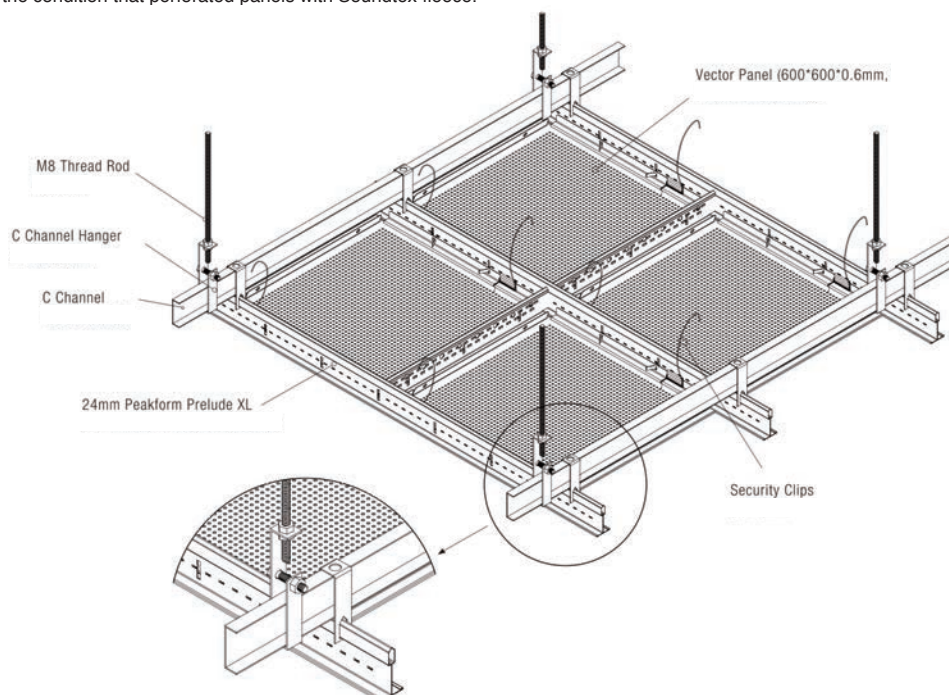
- Office
- Healthcare
- Education
- Transportation
- Retail
- Public Areas
- Renovation

PRODUCT SPECIFICATION

- Acoustic Performance
0.65 ≤ NRC ≤ 0.75,
attach Soundtex
- Fire Performance GB8624-2012
- 10-year warranty

Standard Perforation	Standard Perforation(M10)	Micro Perforation(M9)	Extra-Micro Perforation(M3)	Unperforation(M1)
*scale shown				
Diameter	2.5mm	1.5mm	0.7mm	-
Open Area	16%	9.6%	1.5%	-
NRC	0.75	0.75	0.60	-
Standard Size				
300x300x0.5mm	V0SC030305M10WHA	V0SC030305M9WHA	V0SC030305M3WHA	V0SC030305M1WHA
600x600x0.5mm	V0SC060605M10WHA	V0SC060605M9WHA	V0SC060605M3WHA	V0SC060605M1WHA
300x1200x0.7mm	V0SC120307M10WHA	V0SC120307M9WHA	-	V0SC120307M1WHA
400x1200x0.7mm	V0SC120407M10WHA	V0SC120407M9WHA	-	V0SC120407M1WHA
600x1200x0.7mm	V0SC120607M10WHA	V0SC120607M9WHA	-	V0SC120607M1WHA
Coating	Post-coating			
Material	Hot-dipped Galvanized steel			
Edge Profile				
Suspension System	<p>24 Peakform Prelude XL</p>			

* For more color & perforation options or suspension information, please contact Armstrong sales.
 * NRC value is calculated on the condition that perforated panels with Soundtex fleece.



PeakForm[®] SUPRAFINE[®] XL

Suspension Systems

Relative Installed cost

\$	\$\$	\$\$\$	\$\$\$\$
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Recycled Content:
25%



Key Selection Attributes

- Hot dipped galvanized coating inhibits red rusting better than electrogalvanized, painted or tin plated systems
- System is engineered and designed to fit and provide a finish to coordinate with all of Armstrong Ceilings.

PeakForm Main Beam Key Attributes:

- PeakForm patented main beam profile for installation with Suprafine XL stab-end cross tees
- The PeakForm bulb design increases strength and stability for improved performance
- Superlock main beam clip engineered for a strong, secure connection and fast accurate alignment confirmed with an audible click
- Easy to cut thanks to the PeakForm bulb design
- Rotary stitched for additional torsional strength and extra stability during installation
- Slots at 100mm centres for more flexibility (3000mm long main beam)
- It has better load carrying capability

DUNE with PeakForm SUPRAFINE 15mm (9/16") Exposed Tee Grid



▲ 15mm (9/16") Exposed Tee System

- Easy to remove and relocate
- Faster easier insertion/ installation of XL cross tees
- Tighter tee to tee connection
- Armstrong Global White

Texture and Grid Intersections



PeakForm SUPRAFINE XL 15mm (9/16") Exposed Tee Grid



PeakForm SUPRAFINE Main Beam



PeakForm SUPRAFINE XL Cross Tee



Peak Form



Visual Selection			Performance Selection		
GRID FACE	ITEM NUMBER	DESCRIPTION	DIMENSIONS	LOAD (KG/M)	ASTM CLASS
SUPRAFINE Main Beams					
15mm 9/16"	BP754042* BP754942	3600mm Main Beam 12'	3600 x 15 x 43mm 144 x 9/16" x 1-11/16"	19.76	ID
15mm 9/16"	BP7542102 BP7547102	3000mm Main Beam 10'	3000 x 15 x 32mm 120 x 9/16" x 1-1/4"	8.52	LD
SUPRAFINE XL Cross Tee					
15mm 9/16"	BP753042* BP753742*	1200mm Cross Tee 4'	1200 x 15 x 43mm 48 x 9/16" x 1-11/16"	-	-
15mm 9/16"	BP7530102 BP7537102	1200mm Cross Tee 4'	1200 x 15 x 32mm 48 x 9/16" x 1-1/4"	-	-
15mm 9/16"	BP753061 BP753761	1200mm Cross Tee 4'	1200 x 15 x 27mm 48 x 9/16" x 1-1/16"	-	-
15mm 9/16"	BP752042* BP752742*	600mm Cross Tee 2'	600 x 15 x 43mm 24 x 9/16" x 1-11/16"	-	-
15mm 9/16"	BP752061 BP752761	600mm Cross Tee 2'	600 x 15 x 27mm 24 x 9/16" x 1-1/16"	-	-
15mm 9/16"	BP7520102 BP7527102	600mm Cross Tee 2'	600 x 15 x 32mm 24 x 9/16" x 1-1/4"	-	-
Molding					
19mm	BPT1945H	3000mm Angle Molding	3000 x 19 x 19mm	-	-
14mm	BP784003	3000mm Shadow Molding	3000 x 19 x 7 x 7 x 14mm	-	-

*Peakform

ASTM Class
 HD - Heavy duty
 ID - Intermediate duty
 LD - Light duty

Physical Data

Material:

Double-web hot dipped galvanized steel

Classification:

Intermediate duty, Light duty

Profile:

Exposed tee system

Surface Finish:

Baked polyester paint

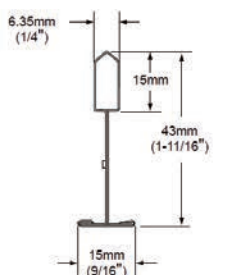
Cross Tee / Main Beam Interface:

XL-Override

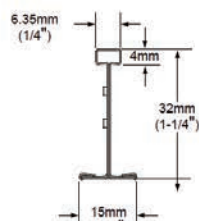
End Detail:

PeakForm Main Beam:
 Superlock staked-on clip
 XL Cross Tee: Staked-on clip

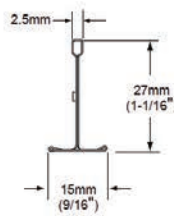
Details



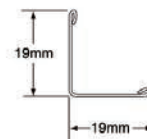
43mm
SUPRAFINE
Main Beam / XL Cross Tee



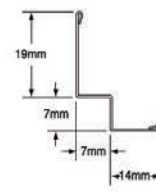
32mm
SUPRAFINE
Main Beam / XL Cross Tee



27mm
SUPRAFINE
XL Cross Tee



19mm
Angle
Molding





Shadow
Molding

PeakForm® SILHOUETTE® Suspension Systems

Relative Installed cost

\$	\$\$	\$\$\$	\$\$\$\$
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Recycled Content: **25%**

Color:  Black(BL)  White(WH)

Key Selection Attributes

- Hot dipped galvanized coating inhibits red rusting better than electrogalvanized or painted systems
- Rotary-stitched during manufacture by a patented method for additional torsional strength and extra stability during installation; maintains size and shape of reveal when cutting perimeter tee
- Choice of black and white reveal
- 10-Year limited warranty; 30-Year with HumiGuard™ products
- PeakForm patented profile increases strength and stability for improved performance during installation
- XL staked-on end detail provides secure locked connection

Typical Applications

- Offices
- Schools
- Retail
- Hotel / Hospitality
- Hospital

Detail and Grid Intersections



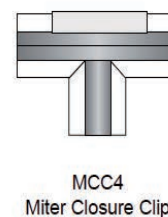
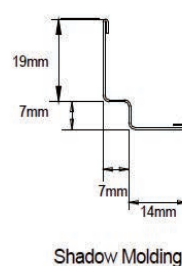
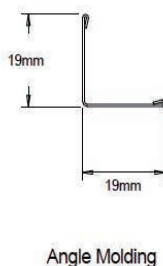
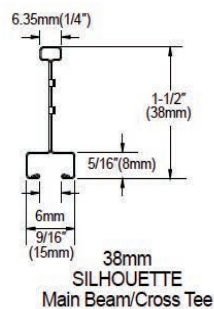
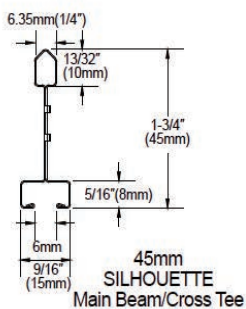
PeakForm SILHOUETTE
15mm Bolt-Slot System
with 6mm Reveal



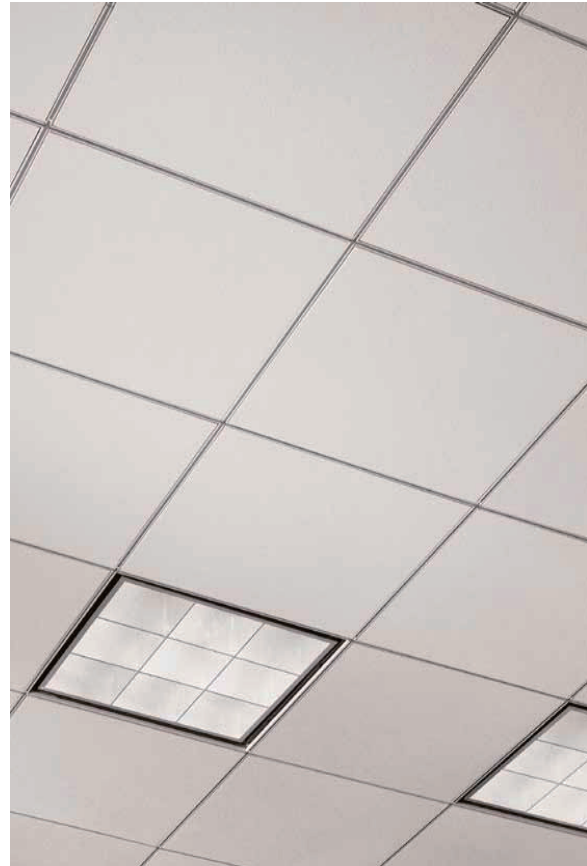
PeakForm SILHOUETTE
Main Beam



PeakForm SILHOUETTE
Cross Tee



OPTIMA with PeakForm SILHOUETTE 15mm
with 6mm Reveal Bolt-Slot Grid



▲ 15mm (9/16") Bolt-Slot Systems



Visual Selection			Performance Selection			
GRID FACE	ITEM NUMBER	DESCRIPTION	DIMENSIONS	REVEAL COLOR	LOAD (K G / M)	ASTM CLASS
SILHOUETTE XL - 45H						
15mm	BP804082BI* [^] Notched 600mm OC	3600mm Main Beam	3600 x 15 x 45mm	Black Reveal	18.82	ID
15mm	BP803082BI* [^] Center Notched, both side	1200mm Cross Tee	1200 x 15 x 45mm	Black Reveal		-
15mm	BP802082BI [^]	600mm Cross Tee	600 x 15 x 45mm	Black Reveal		-
15mm	BP804082* [^] Notched 600mm OC	3600mm Main Beam	3600 x 15 x 45mm	White Reveal	18.82	ID
15mm	BP803082* [^] Center Notched, both side	1200mm Cross Tee	1200 x 15 x 45mm	White Reveal		-
15mm	BP802082	600mm Cross Tee	600 x 15 x 45mm	White Reveal		ID
SILHOUETTE XL - 38H						
15mm	BP804232BI* Notched 600mm OC	3000mm Main Beam	3000 x 15 x 38mm	Black Reveal	12.2	LD
15mm	BP803032BI* Center Notched, both side	1200mm Cross Tee	1200 x 15 x 38mm	Black Reveal		-
15mm	BP802032BI	600mm Cross Tee	600 x 15 x 38mm	Black Reveal		LD
15mm	BP804232* Notched 600mm OC	3000mm Main Beam	3000 x 15 x 38mm	White Reveal	12.2	LD
15mm	BP803032* Center Notched, both side	1200mm Cross Tee	1200 x 15 x 38mm	White Reveal		LD
15mm	BP802032	600mm Cross Tee	600 x 15 x 38mm	White Reveal		LD
Molding						
19mm	BPT1945H	3000mm Angle Molding	3000 x 19 x 19mm			
14mm	BP784003	3000mm Shadow Molding	3000 x 19 x 7 x 7 x 14mm			
Accessory						
	MCC4	Miter Closure Clip				

*HANGER SPACING 1200mm
[^] PeakForm

ASTM Class
 HD - Heavy duty
 ID - Intermediate duty
 LD - Light duty

Physical Data

Material:

Hot dipped galvanized steel

Surface Finish:

Baked polyester paint

Cross Tee / Main Beam Interface:

Mitered

End Detail:

Main Beam: Coupling

Cross Tee: XL

PeakForm[®] Mid Range



DUNE with PeakForm Mid Range

Benefits

- Hot dipped galvanized coating inhibits red rusting better than electrogalvanized, painted or tin plated systems
- System is engineered and designed to fit and provide a finish to coordinate with all of Armstrong Ceilings
- The PeakForm bulb design increases strength and stability for improved performance, meanwhile easy to cut thanks to the PeakForm bulb design
- Superlock main beam clip is engineered for a strong, secure connection and fast accurate alignment confirmed with an audible click
- Rotary stitched for additional torsional strength and extra stability during installation
- Faster and easier insertion/installation of XL cross tees, easy to remove and relocate and tighter tee to tee connectors

PeakForm® Mid Range

PeakForm® Mid Range						
	ITEM	DESCRIPTION	DIMENSIONS			
			ROUT SPACING	LENGTH	HEIGHT	WIDTH
	BP734252P*	Main Beam: PeakForm Flat face 24mm Tee (Superlock Staked-on clip)	100mm	3000mm	35mm	24mm
	BP734752P*		4"	120"	1-3/8"	15/16"
	BP313061	Cross Tee: Flat Faced 24mm Tee (XL Cilp Connection - override with Main Beam)	600mm	1200mm	27mm	24mm
	XL7147WH		24"	48"	1-1/16"	15/16"
	BP312011	Cross Tee: Flat Faced 24mm Tee (XL Cilp Connection - override with Main Beam)	-	600mm	25mm	24mm
	XL7124WH		-	24"	1"	15/16"
Wall Molding						
	BPT2222H	Std" L" Angle Molding	-	3000mm	22mm	22mm

*Load: 14.27Kg/m LD
 Note: HANGER SPACING 1200mm

ASTM Class
 HD - Heavy-duty
 ID - Intermediate-duty
 LD - Light-duty

Job References

HEI TAK TONE Access Panel Major Job Reference in HK

將軍澳至善街 1 號
滿名山
將軍澳新都城
元朗圖書館
白石角
荔枝角麗新廣場 25 樓
官塘敬業街 10 號電訊大樓 19 樓
葵涌大連排道宏達工業中心
元朗工業村洗衣房
啟德兒童醫院
啟德一號
中環華懋一期同二期
麼地道 K11 商場翻新工程
波老道
旭龢道
將軍澳調景嶺 73A 區
荔枝山山塘道
落禾沙耀沙路
半島酒店
Airport Authority Carpark (Tender Number:
H2684/SUB/004)

HEI TAK TONE Insulation Materials Major Job Reference in HK

美利大廈
科學園
新世界中心
元朗橫州宏樂街
黃竹坑香葉道
荃灣沙咀道
北角官立小學
軒尼斯道官立小學
元朗公立中學
Malvern College
尖東消防局總部
齋色園主辦可藝中學
新生命教育協會平安福音中學
佐敦道官立小學
8/F., CITIC Tower, 1 Tim Mei Avenue, Central,
Hong Kong
屯門釋慧文中學
屯門興德學校

HEI TAK TONE Ceiling Grid Major Job Reference in HK

新生命教育協會平安福音中學
將軍澳駿日街金門地盆
觀塘月華街
長沙灣長順街 7 號西頓中心
東九警總 (協調道)
港怡數據中心
深水埗白田街白田邨
火炭公屋

HEI TAK TONE Metal Selection Job Reference in HK

旭龢道大學閣重建工程
麼地道 K11 商場翻新工程
屯門維他奶總部大廈
灣仔軒尼詩道 1 號
何文田廣場
落禾沙耀沙路
掃管笏尚源
西環石塘咀
朗屏站
屯門龍門居業旺路
機場北商業區
啟德體育城
將軍澳日出康城 7 期
將軍澳日出康城 9 期
將軍澳日出康城 10 期
掃管笏管翠路
荔枝山山塘道
觀塘凱匯
The Peninsula Hong Kong, Salisbury Road
Sky City
MTRC SCL1112 Hung Hom Station
土瓜灣庇利街
黃竹坑香葉道 43 號 17-35 樓
Airport Authority Carpark (Tender Number:
H2684/SUB/004)

HEI TAK TONE Metal Ceiling Job Reference in HK

屯門市廣場
黃大仙中心
將軍澳尚德廣場
將軍澳 TKO Gateway
油塘大食代
屯門卓爾居廣場
黃埔保良局幼稚園
順利邨商場
尖沙咀半島中心
荔枝角收押所
九龍灣國際交易中心
尖沙咀中心
屯門湖翠路 168 號海趣坊 14-15 號舖
上水彩園路彩園商場

尖沙咀天文台道 8 號 18 樓 (2019)
機場北商業區 (2019)
尖沙咀港威中心永明金融 (2019)
杏林街入境事務署宿舍 (ASD) (2018)
MTRC SCL1112 Hung Hom Station (2020)
Sky City (2019-2020)
青衣西草灣 (2020)
掃管笏 TM497 (2020)

Owens Corning Thermafiber Job Reference in HK

港珠澳大橋行政大樓 (2018)
油麻地專科診所 (ASDww)
伊利沙伯醫院
深水埗 NKIL No.6487 房署社區重建項目
屯門珠海大學 (2018)
愛民商場 (2018)
海洋公園 (2019)
北角百福道小學 (ASD) (2018)
小瀝源綠怡雅苑 (2019)
西九 M+ (2019)
啟德公園臨時寫字樓 (ASD) (2019)
中大醫院 (2019)
尖沙咀梳士巴利道 K11
將軍澳 073A (2019)
石硤尾南昌街 223-237 號名都廣場 1-3 樓松齡
護老院 (2018-2019)
北角油街 (2018)
旺角新世紀廣場 (2018)
新蒲崗五芳街榮盛工業大廈 23 樓 (2018)
灣仔瑞安中心 (2018)
元朗圖書館 (ASD) (2017)
灣仔協成中心 (2018)
中環中心 (2019)
觀塘觀塘道 414 號 1 亞太中心 12/F & 15/F
(2018)
屯門咖啡灣 (2018)



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