

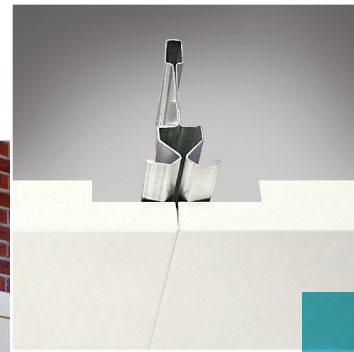
# Rockfon<sup>®</sup> Planostile<sup>™</sup> Snap-in Panels

## Features & Benefits

- Snap-in metal panel system installed on concealed suspension grid
- Fully concealed edge types available for “seamless” or “articulated grid” look
- Panels available in variety of finishes, sizes and materials
- Wide range of perforations available for aesthetic and acoustic enhancements
- System suitable for interior, exterior and seismic zone installations C and D, E, F

## Applications

- Conference Rooms
- Lobbies
- Airport Terminals
- Transit Facilities



Project – State Employees Credit Union in Granite Quarry, NC  
Product – Rockfon<sup>®</sup> Planostile<sup>™</sup> Snap-in

# Rockfon® Planostile™ Snap-in Panels

## LEED® v4.1 Highlights

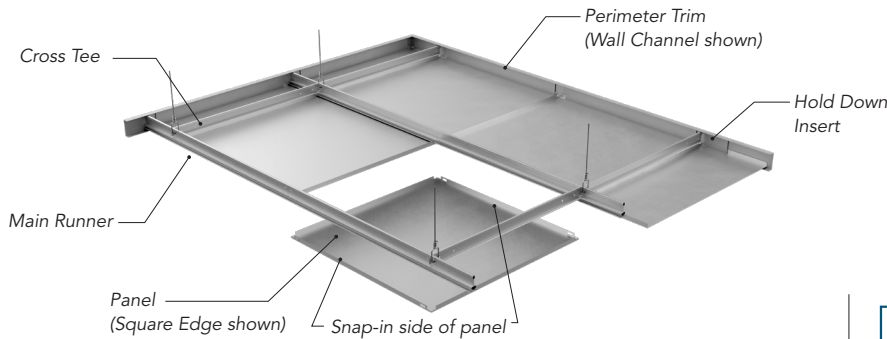
### Materials and Resources (MR)

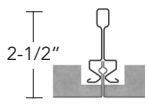
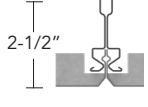
Waste Management Planning	✓
Interiors Life Cycle Impact Reduction	✓
Environmental Product Declarations	✓
Sourcing of Raw Materials	✓
Material Ingredients	–
Waste Management	✓

### Indoor Environmental Quality (EQ)

Low-Emitting Materials	✓
Interior Lighting	–
Acoustic Performance	✓

**Recycled Content:** Aluminum 85%  
Steel 30%



Family Number & Name	Edge Type	Dimensions	Perforations (% open area)	Material	NRC	Fire Class	Low VOC	Recycled Content
252588:PLST: Planostile™ Metal Panel	<b>PSSE:</b> Snap-in Square Edge (Fully Concealed)  	<b>12 x 48:</b> 12" x 48" <b>20 x 60:</b> 20" x 60" <b>24 x 24:</b> 24" x 24" <b>24 x 48:</b> 24" x 48" <b>24 x 60:</b> 24" x 60"  <b>CUST: **</b>	<u>Standard</u> <b>SOLID:</b> 0% <b>D:</b> 16.2% <b>E:</b> 20.8% <b>J:</b> 58.2% <b>Q:</b> 70% <b>R:</b> 11.1% <b>V:</b> 4.9% <b>AA:</b> 2.5%	<b>.245T:</b> 0.024" Steel (Galvanized)  <b>.32AL:</b> 0.032" Aluminum	up to 0.90	A	✓	up to 85%
	<b>PSBE:</b> Snap-in Bevel Edge (Fully Concealed)  	<b>24x24:</b> 24" x 24"****	<u>Premium</u> see footnote *  <u>Custom</u> <b>CUST: **</b>					

Product Code Example:

**252588:PLST:PSSE:24x48:.32AL:44:V:Y**

Family Number & Name:

252588 Planostile™ Metal Panel

Size

Color:

Satin Silver

Acoutex:

Yes or No

**252588:PLST: PSSE: 24x48: .32AL: 44: V: Y**

Edge Type:  
Snap-in Square Edge  
(Fully Concealed)

Material:  
0.032" Aluminum

Perforation:  
4.9% Open Area

Approximate panel weight: Aluminum .50 lbs per square foot; Steel .88 lbs per square foot

\* See the Rockfon Perforations Brochure for graphic representations of the perforations listed and the complete offering of Premium Perforations available.

\*\* For designer specified Dimensions or Perforation, contact Rockfon Technical Services at 1-800-323-7164 or techservices@rockfon.com.

\*\*\* Non-perforated panel size labeled for UL 580 Class 30 system.

\*\*\*\* Only solid 24" x 24" aluminum panels approved for exterior use.

Note – Acoutex™:

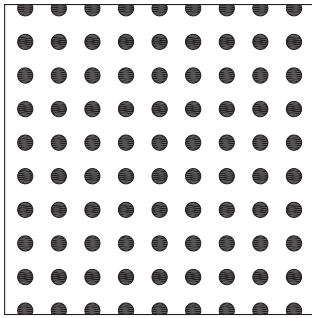
- Acoutex Backer standard with perforated panel.

- Perforated panel available without Acoutex.

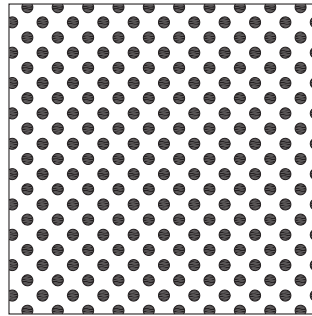
- For interior use only.

# Rockfon® Planostile™ Snap-in Panel System

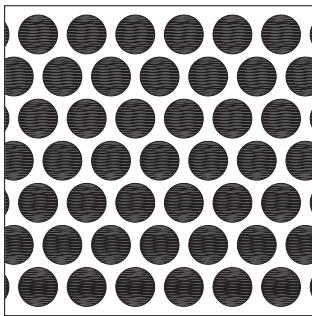
## Standard Perforation Options



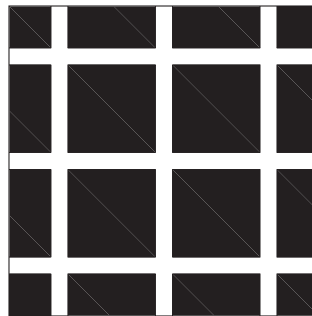
**D**  
**98R216L**  
0.098" Diameter Holes  
0.216" Straight Centers  
16.2% Open Area



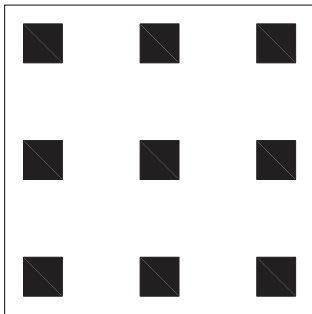
**E**  
**71R138D**  
0.071" Diameter Holes  
0.138" Diagonal Centers  
20.8% Open Area



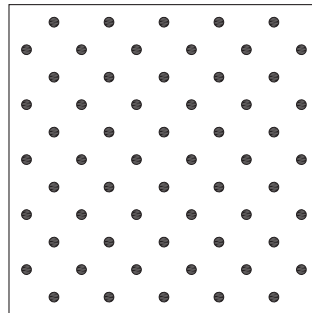
**J**  
**250R312S**  
0.25" Diameter Holes  
0.312" Staggered Centers  
58.2% Open Area



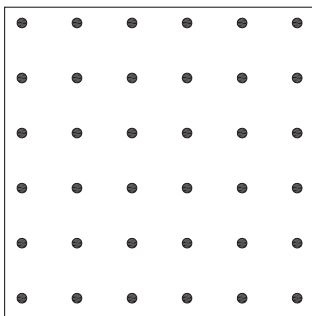
**Q**  
**562S672L**  
0.5625" Square Holes  
0.672" Straight Centers  
70% Open Area



**R**  
**250S750L**  
0.25" Square Holes  
0.75" Straight Centers  
11.1% Open Area



**V**  
**62R250D**  
0.0625" Diameter Holes  
0.25" Diagonal Centers  
4.9% Open Area



**AA**  
**62R354L**  
0.0625" Diameter Holes  
0.354" Straight Centers  
2.5% Open Area

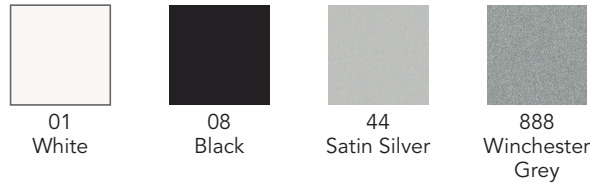
See the Rockfon Perforations Brochure for graphic representations of the perforations listed and the complete offering of Premium Perforations available.

## Acoustical Performance

Planostile Snap-in Panels	NRC
NRC - Perforated with Acoutex Backer	0.70
NRC - Perforated with 1-1/2" Acoustical Pad	0.90

# Rockfon® Planostile™ Snap-in Color Chart

## Standard Colors:



## Premium Colors:



## Metallic Colors:



## Metalwood® Woodgrain Finishes<sup>‡</sup>:



## Woodscenes® Painted Finishes<sup>†</sup>:



\* Coordinating solid color to match Metalwood Woodgrain Finishes.

\*\* Metalwood Woodgrain Finishes not available for Rockfon Infinity™, Planostile Suspension or panels wider than 24"; use coordinating solid color. See footnote \*.

‡ Metalwood Woodgrain Finishes are a 0.008" vinyl laminate that replicate real wood; variations in color and pattern will occur. For final panel thickness information contact Rockfon Technical Services at 1-800-323-7164 or techservices@rockfon.com. For interior use only.

† Woodscenes Painted Finishes are a decorative powder coat finish that replicate real wood; variations in color and pattern will occur.

Note:

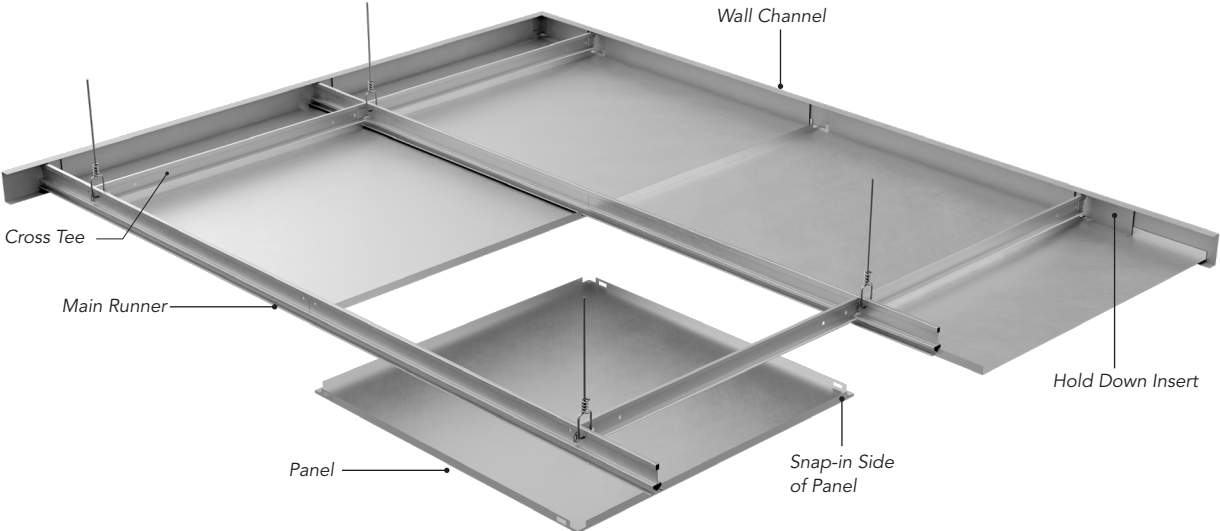
- Metalwood and Woodscenes grain direction is parallel to the length of the panel.
- See rockfon.com for more information on color options.

Colors shown are reproduced as close as possible to actual product color within the limitations of printing technology. Color chips are available upon request and should be reviewed before making a final selection. Variations in color matches of system components to ceiling panels can result from slight differences in texture, room lighting, painting process and subjectivity of observers.

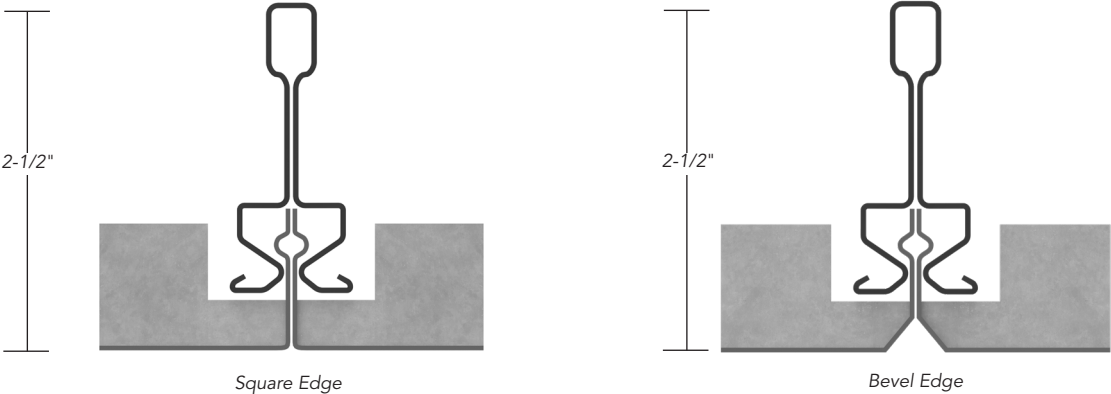
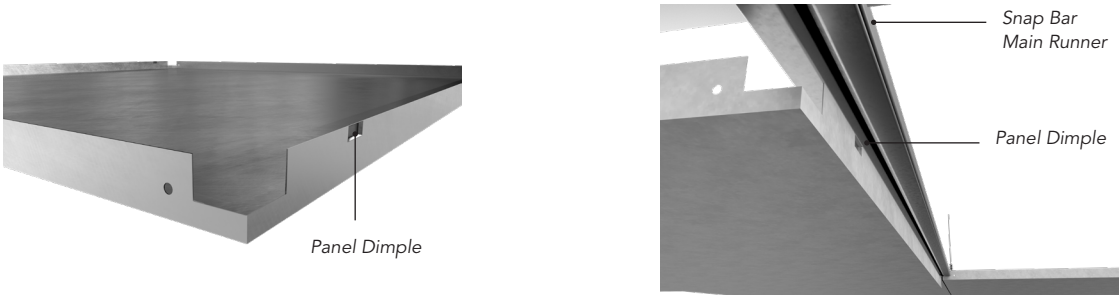
# Rockfon® Planostile™ Snap-in Panel System

## Installation Details

### General Layout Drawings



### Panel Installation



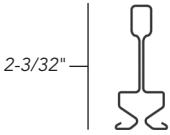
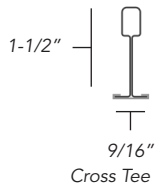
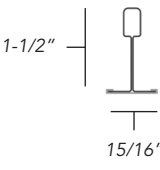
### Panel Edge Options

Note: Bevel Edge available on 2' x 2' panels only

# Rockfon® Planostile™ Snap-in Panel System

## Suspension Components

### Planostile™ Snap-in Panel Suspension

Detail	Description	Catalog Number	Structural Classification (ASTM C635)	Length x Height x Face	Slotting	Lbs/Piece	Recycled Content
<b>Main Runners</b>							
	12' Snap Bar Carrier	MA010.500CH	HD	144" x 2-3/32" x 15/16"	6" OC	4.9	30%
<b>Cross Tees</b>							
	9/16" Concealed Spacer Cross Tee	10.04.022UL.001	-	24" x 1-1/2" x 9/16"	No Slots	0.5	30%
	15/16" Cross Tee Stab End Butt Cut 2'	10.01.229UL.xxxH	-	24" x 1-1/2" x 15/16"	No Slots	0.5	30%
	15/16" Cross Tee Stab End Butt Cut 4'	10.01.209.xxxH	-	48" x 1-1/2" x 15/16"	12" OC	1	30%
	15/16" Cross Tee Stab Stepped End 5'	10.01.206.xxxH	-	60" x 1-1/2" x 15/16"	5 Slots: Midpoint, 10" Each Side of Midpoint, and 6" from Each End	1.25	30%

### Main Runner Allowable Load Test Data Based on 1/360 Span Deflection (Lb/Ft\*)

Main Runner	Length	Hanger Spacing	
		ASTM C-635 4')	5'
MA010.500CH	12'	HD	4.74

### Cross Tee Allowable Load Test Data Based on 1/360 Span Deflection (Lb/Ft\*)

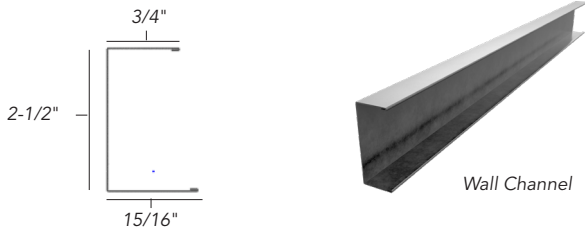
Cross Tee	Length	Cross Tee Span		
		2'	4'	5'
10.04.022UL.xxxCH	2'	24.5^	-	-
10.01.229UL.xxxH	2'	16.5^	-	-
10.01.209.xxxH	4'	-	8.0^	-
10.01.206.xxxH	5'	-	-	7.5^

\*To convert data into lb/sft, divide on center spacing of component into lb/ft  
^Limited by safety factor of 2.

# Rockfon® Planostile™ Snap-in Panel System

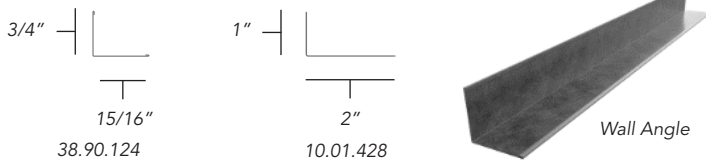
## Perimeter Components

### Wall Channels




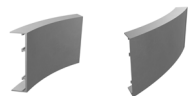
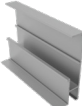
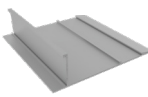
Description	Catalog Number	Length, Height x Face x Top Flange	Length	Lbs/Piece
10' Steel Wall Channel	60.00.009.xxx	120", 15/16" x 2-1/2" x 15/16"	120"	2.2
10' Aluminum Wall Channel	60.00.008.xxx	120", 15/16" x 2-1/2" x 15/16"	120"	2.2

### Wall Angles



Description	Catalog Number	Length, Height x Face	UOM	Lbs/UOM
Aluminum Wall Angle with Hemmed Edges - 300 ft. per Carton	38.90.124.xxx	144" x 3/4" x 15/16"	Carton	25
Seismic Wall Angle - Steel, with Hemmed Edges	10.01.428.xxx	144" x 1" x 2"	Piece	1.8


### Infinity Perimeter Trim

Perimeter Trim	Product	Part Number	Length	Height	Packaging
	Engineered Straight	252565 / INFE:STD	12' Max	2", 4", 6", 8", 10", 12"	As Needed
	Engineered Curved	252566 / INFC:STD	12' Max	2", 4", 6", 8", 10", 12"	As Needed
	Infinity R Reveal Edge	252565 / INFE:REV	12' Max	4"	As Needed
	Infinity Z Razor Edge	252565 / INFE:RAX	12' Max	2" High 6" Flange	As Needed

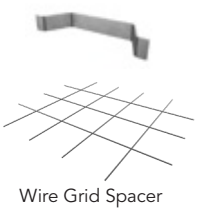
# Rockfon® Planostile™ Snap-in Panel System

## Accessory Items

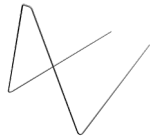
### Hold Down Inserts for 2-1/2" Channel

Item	Description	Catalog Number	Rockfon Reference Number	Lbs/Piece
 60.00.031, 60.00.032 60.00.033, 60.00.034	Steel Hold Down Insert 11" x 2-7/16"	60.00.031	249676	0.25
	Steel Hold Down Insert 22" x 2-7/16"	60.00.032	249677	0.5
	Aluminum Hold Down Insert 11" x 2-7/16"	60.00.033	249678	0.2
	Aluminum Hold Down Insert 22" x 2-7/16"	60.00.034	249679	0.4

### Accessory Items

Item	Description	Catalog Number	Rockfon Reference Number
 Wire Grid Spacer	Wall Spring 5/8 Face" x 7/8" Deep	63.26.202	254302
	Reinforcement Bar - UL90	MA020G.500H	252245
	24" x 24" Wire Grid Spacer	60.00.021	250526
	Planostile Removal Tool	911.00	250344

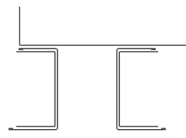
### Exterior UL580 - Class 30 Accessories for Exterior Soffits



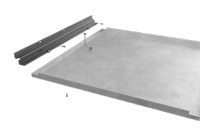
Panel Retainer Clip



Brace Attachment Clip



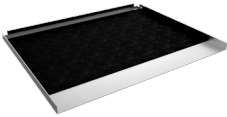
Expansion Joint Assembly



Access Door Assembly

Description	Catalog Number	Rockfon Reference Number	Pieces per Carton	Weight per Carton
Panel Retainer Clip	63.26.031	250568	500	7
Bracing to Snap Bar Carrier Attachment Clip	63.26.032	250569	100	1
Expansion Joint Assembly	63.26.035.xxx	*	1	5
Access Door Assembly	63.26.033.xxx	*	1	6

### Acoustical Pads - Black Vinyl Wrapped

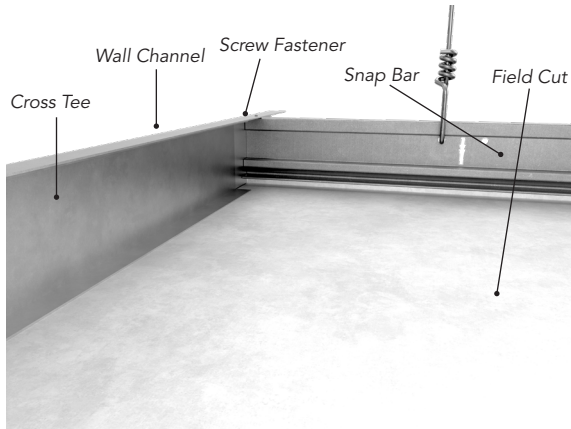
Item	Description	Catalog Number	Rockfon Reference Number	Lbs/Piece
	2' x 2' Poly-Wrapped Acoustical Pad 1" x 1#	58.01.059.008	250505	0.5
	2' x 4' Poly-Wrapped Acoustical Pad 1" x 1#	58.01.061.008	250507	1
	2' x 2' Poly-Wrapped Acoustical Pad 1.5" x 1#	58.01.064.008	250509	0.75
	2' x 4' Poly-Wrapped Acoustical Pad 1.5" x 1#	58.01.063.008	250508	1.5



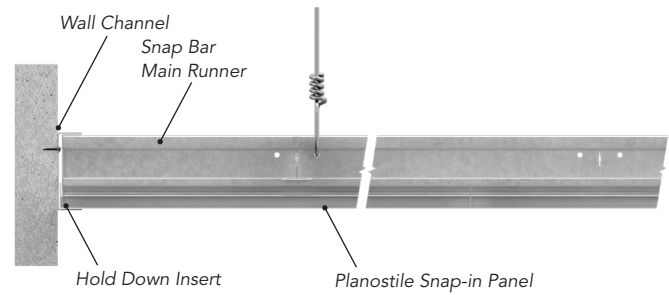
# Rockfon® Planostile™ Snap-in Panel System

## Installation Details

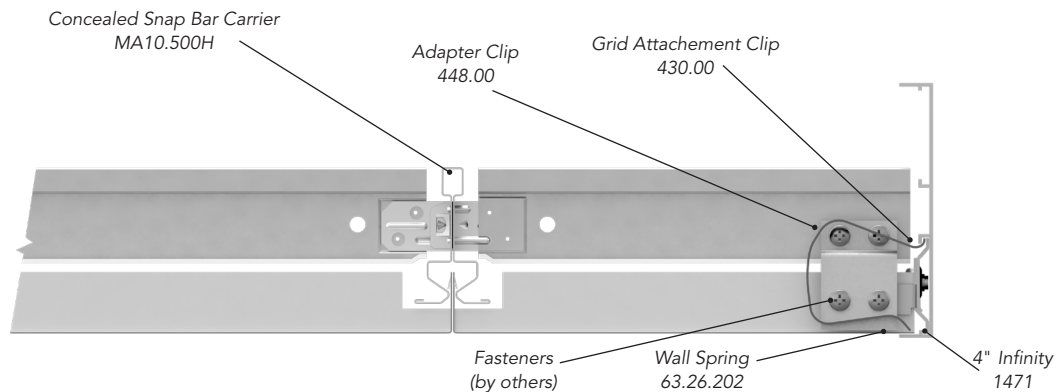
### Perimeter Installation Details



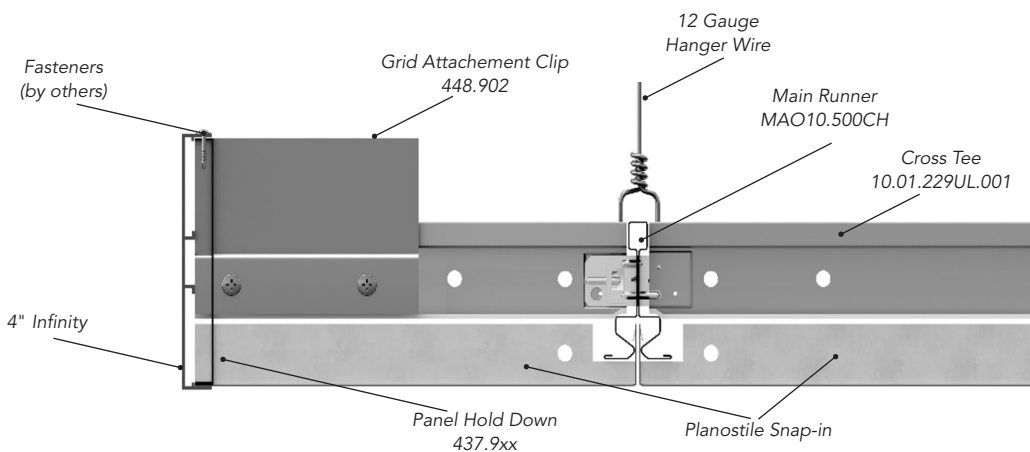
Perimeter Installation Using Wall Channel



Side View



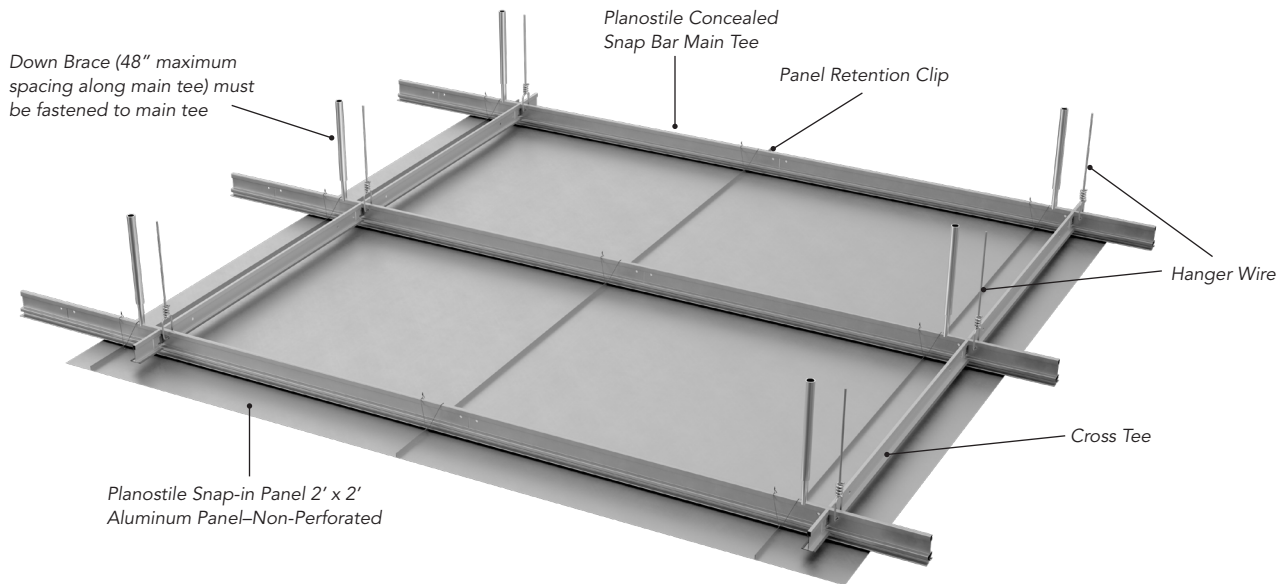
Installation with Infinity and 430.00 Grid Clips



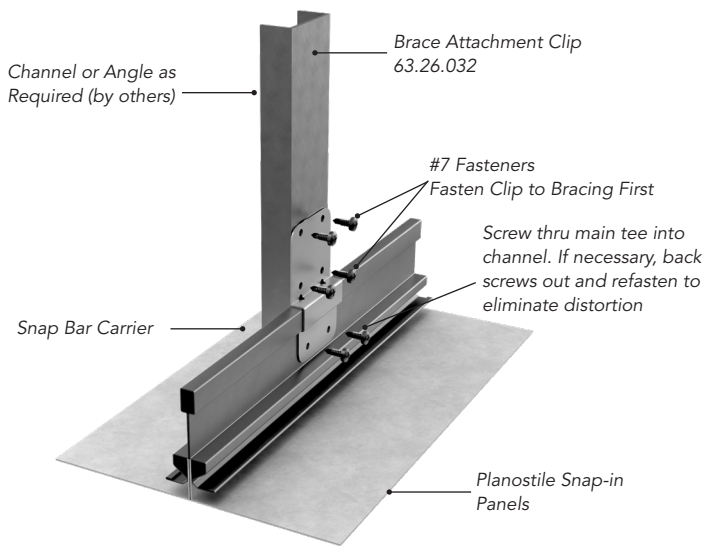
Infinity Installation Using Attachment Bracket

# Rockfon® Planostile™ Snap-in Panel System

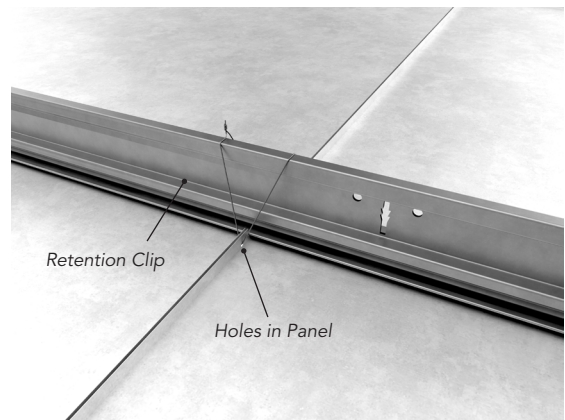
## Exterior Installation Details



### Exterior PSF 30 Installation



**Down Brace Attachment**



**Installation of Panel Retention Clips**

Physical Data	
Type:	Snap-In Panel System
Material	Painted Aluminum, Painted Galvanized Steel or Reflective Anodized Aluminum
Panel Sizes:	12" x 48", 24" x 24", 24" x 48", 20" x 60", 24" x 60", Custom Sizes Available
Fire:	Class A per ASTM E84
Performance:	Use for Interior or Exterior Spaces
Suspension:	Snap-In Suspension
Warranty:	1-year Limited
Sustainability:	Steel: 30% Recycled; Aluminum 85%

Material	
Suspension:	ASTM C635 HD Main Tee Commercial Quality Steel, Hot Dipped Galvanized
Panels:	.032 Aluminum, .032 Anodized Aluminum .024 Painted Galvanized Steel



## Rockfon® Planostile™ Snap-in Panels

### Material

0.032" Aluminum

0.024" Steel



### Fire Performance

Surface burning characteristics:  
UL723 (ASTM E84) Flame Spread Index: 0  
Smoke Developed Index (UL Labeled): 0



### Environment

Aluminum: 85% recycled content  
Steel: 30% recycled content  
100% locally recyclable



### Hygiene

Metal provides no sustenance  
to microorganisms



### Cleaning

Damp cloth



### Warranty

1-Year Limited Product Warranty  
See [rockfon.com](http://rockfon.com)

030723

### Rockfon

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