METALWORKS™ Snap-in
Concealed Suspension
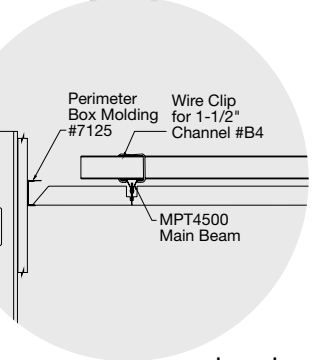
Inspiring Great Spaces®

Armstrong®
CEILING SOLUTIONS

METALWORKS™ Snap-in
Concealed Suspension
smooth texture

Perimeter Box Molding #7125

Wire Clip for 1-1/2" Channel #B4

MPT4500 Main Beam

cloud friendly

MetalWorks™ Snap-in 20" x 60" panels with M16 perforation in Silverlume with Prelude® 15/16" suspension system (Pg. 279-280)
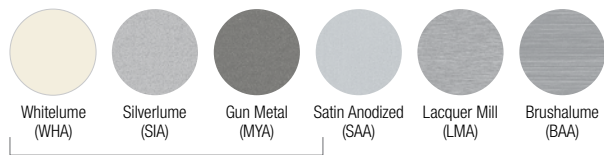
This monolithic ceiling with a concealed appearance, offers downward accessibility and excellent acoustical sound blocking/absorption options.

KEY SELECTION ATTRIBUTES

- Low-cost concealed suspension solution
- MetalWorks Snap-in is part of the Sustain™ portfolio and meets the most stringent sustainability compliance standards today
- Use on a lower clearance plenum (as low as 2") when MPT snap bar is attached directly to the deck

- Downward accessible (with panel removal tool)
- A variety of standard finishes and perforations available to enhance design aesthetics and acoustical performance
- NRC values up to 0.90 with fiberglass infill panels

- Laminate finishes provide superior wood-look visual with printed vinyl bonded to aluminum; visuals other than the ones shown are also available
- Durable – Washable, Scrubbable, Impact-resistant, Soil-resistant

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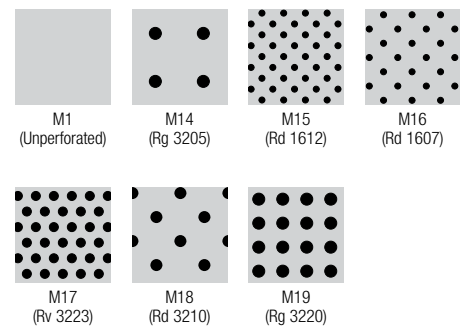Due to printing limitations, shade may vary from actual product.

MetalWorks

Whitelume (WHA)	Silverlume (SIA)	Gun Metal (MYA)	Satin Anodized (SAA)	Lacquer Mill (LMA)	Brushalume (BAA)

Part of the Sustain™ portfolio, meeting sustainability compliance standards

Reflections™ Laminate Finishes

Arctic Maple (LAM)	Natural Maple (LNMPIE)	Rock Maple (LRM)	Light Cherry (LLC)	Natural Oak (LNOIE)	Pecan (LPC)

Wild Cherry (LWC)	Mineral Forest (LMF)	Walnut (LWN)

Custom Colors and Finishes Available

PERFORATION OPTIONS (1:2 scale shown)

M1 (Unperforated)	M14 (Rg 3205)	M15 (Rd 1612)	M16 (Rd 1607)

M17 (Rv 3223)	M18 (Rd 3210)	M19 (Rg 3220)

Custom Perforations Available

Pictured on cover: MetalWorks Snap-in 20" x 60" with M16 perforation in Silverlume on Prelude 15/16" suspension system; Irving Convention Center at Las Colinas, Irving, TX
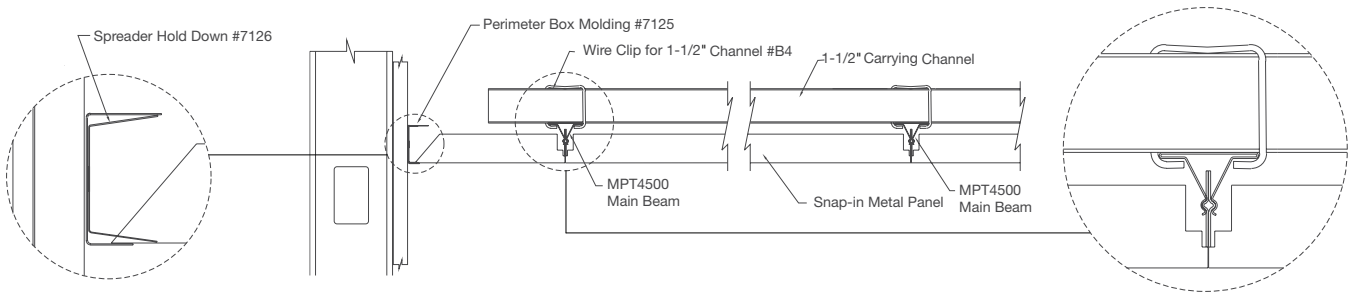
METALWORKS™ Snap-in
Concealed Suspension
smooth texture

INSTALLATION DETAIL – MetalWorks Snap-in on 1-1/2" Carrying Channel

1-1/2" Carrying
Channel

#12 Hanger wire (7891)
4' O.C. or as
required by code

B4 Wire Clip

Snap-in Metal Panel

MPT4500
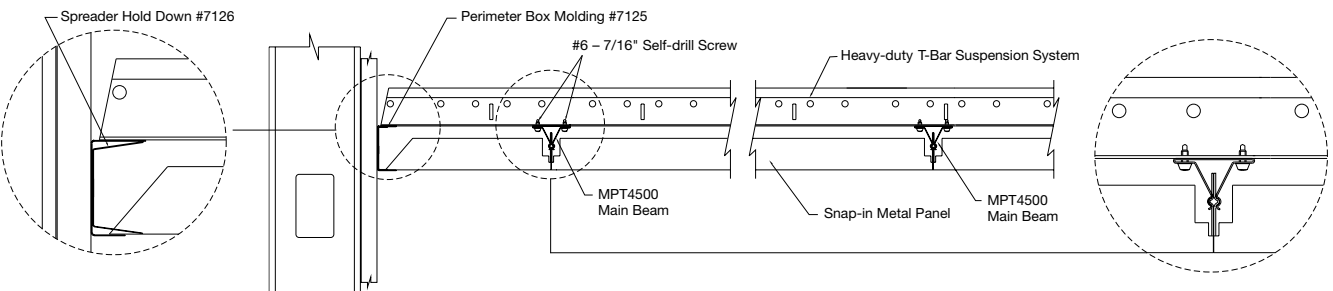(Distance relative to panel size)
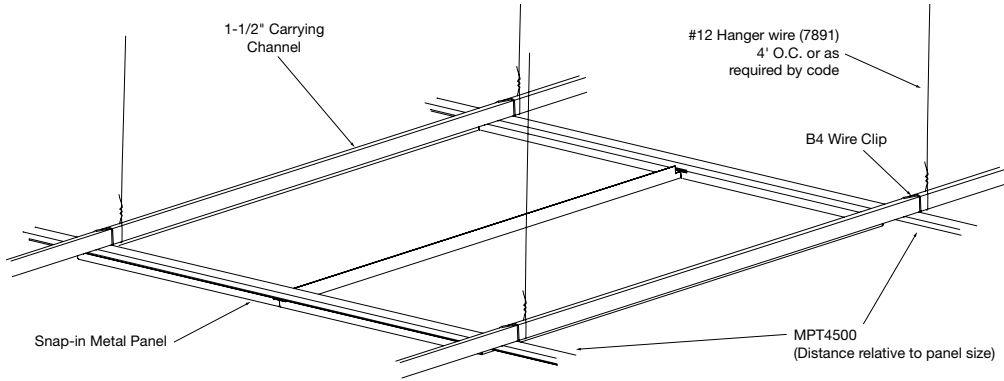
Perspective detail of MetalWorks Snap-in ceiling installed on 1-1/2" carrying channel

Spreader Hold Down #7126

Perimeter Box Molding #7125

Wire Clip for 1-1/2" Channel #B4

1-1/2" Carrying Channel

MPT4500
Main Beam

Snap-in Metal Panel

MPT4500
Main Beam

INSTALLATION DETAIL – MetalWorks Snap-in on T-Bar Suspension System
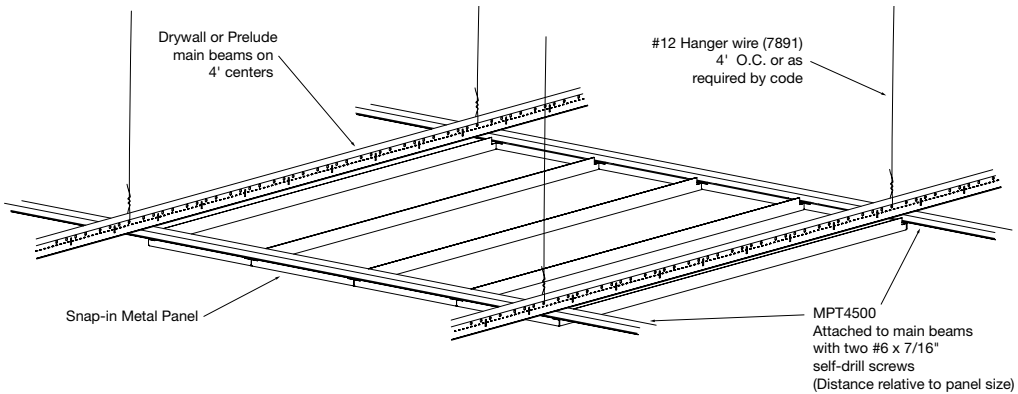
Drywall or Prelude
main beams on
4' centers

#12 Hanger wire (7891)
4' O.C. or as
required by code

Snap-in Metal Panel

MPT4500
Attached to main beams
with two #6 x 7/16"
self-drill screws
(Distance relative to panel size)

Perspective detail of MetalWorks Snap-in ceiling installed on 15/16" T-Bar suspension system

Spreader Hold Down #7126

Perimeter Box Molding #7125

#6 – 7/16" Self-drill Screw

Heavy-duty T-Bar Suspension System

MPT4500
Main Beam

Snap-in Metal Panel

MPT4500
Main Beam

Section detail of MetalWorks Snap-in ceiling installed on 15/16" T-Bar suspension system

METALWORKS™ Snap-in
Concealed Suspension
smooth texture

VISUAL SELECTION

Edge Profile	Item Number♦	Dimensions (Inches) Custom Sizes Available	Perforations
METALWORKS™ Snap-in (with acoustical fleece)			
Snap-in Square 15/16"	7216_ _ _ _ _	12 x 48"	M1; M14-19
	7215_ _ _ _ _	24 x 24"	M1; M14-19
	7217_ _ _ _ _	24 x 48"	M1; M14-19
	7219_ _ _ _ _	30 x 30"	M1; M14-19

♦ When specifying or ordering, include the appropriate perforation and color suffix with the item number (e.g., 7215 M 1 4 L M A).

PERFORMANCE

Dots represent high level of performance.

Light Reflect	Wash	Scrub	Impact	Soil
(White Only)		Durability		
0.77 (M1)	•	•	•	•
0.77 (M1)	•	•	•	•
0.77 (M1)	•	•	•	•
0.77 (M1)	•	•	•	•

ACOUSTICAL INFORMATION

Perforation	NRC with acoustical fleece**	NRC with 1" fiberglass infill panel**
M1	–	–
M14	0.55	0.85 •
M15	0.70 •	0.90
M16	0.70	0.80 •
M17	0.75 •	0.90 •
M18	0.65	0.85 •
M19	0.75 •	0.90 •

** Maximum NRC achieved with acoustical infill (item 8200100 or 5823). For additional infill panel options, refer to catalog pages 100-101.

EXAMPLE: 7215 M14 LMA

Panel Dimension: 24" x 24"
Perforation: M14 Round Straight Rg 3205
Finish: Lacquer Mill

ACCESSORIES

	Item Number	Description	Dimensions (Inches)	Color	Pieces/Carton
	7125_ _ _	Box Molding	2 x 96 x 1.5"	WHA, SIA, MYA, SAA, LMA, BAA, BL	10
	7126	Spreader Hold Down	1 x 10-5/8 x 1-1/2"	N/A	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
	7127	Snap-in Access Tool	N/A	N/A	1
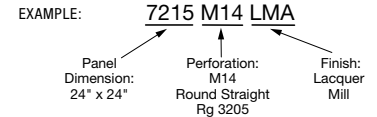
SUSPENSION SYSTEMS

15/16" Prelude® XL® main beams (see catalog pgs. 279-280 for components.); 1-1/2" Drywall Grid main beams (See catalog pgs. 324-325 for components.); Cross tee optional but recommended.

	Item Number	Description	Dimensions (Inches)	Color	Pieces/Carton
	1-1/2" Carrying Channel	Supplied by others	–	–	–
	MPT4500	Spring Tee (Snap Bar)	–	N/A	25
	B4	Wire Clip 1-1/2" Channel	–	N/A	1,000
	7132	Snap Bar Hanger	3-1/4 x 5"	N/A	100
	7133	Snap Bar Miser Clip	3-1/4 x 4-7/16"	N/A	100
	S45	Splice for Metal Pan Main Beam	12"	N/A	250

PHYSICAL DATA

Material
Aluminum – thickness 0.040"

Surface Finish
Laminates: Vinyl-faced membrane
Painted finishes: Factory-applied polyester paint
Custom colors and finishes available.

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

Laminate finish tested per ASTM E84. Flame Spread Index 75 or less. Smoke Developed Index 450 or less.

ASTM E1264 Classification
Fire Class A – Painted
Fire Class B – Laminates

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

Recycled Content
Minimum 25%. Up to 90% recycled content available.

Design Consideration
Anodized and Lacquer Mill finishes may vary in shade between production runs and over time.

Design Support
Project management assistance is available by calling TechLine at 1 877 ARMSTRONG.

Seismic Restraint
This product is not recommended for seismic areas. Use MetalWorks Torsion Spring or Vector® panels in seismic conditions.

Warranty
Details at armstrongceilings.com/warranty

Weight
0.69 lbs/SF

Armstrong®
CEILING SOLUTIONS