CEILING | SYSTEMS

Between us, ideas become reality™
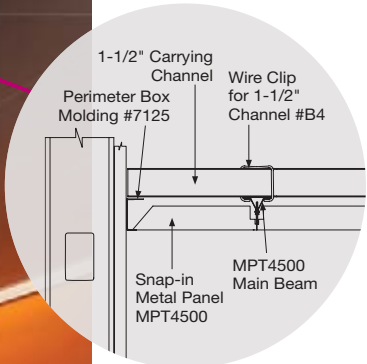
METALWORKS™
Snap-in

Armstrong®

METALWORKS™ Snap-in
Concealed Suspension
smooth texture

1-1/2" Carrying Channel
Wire Clip for 1-1/2" Channel #B4
Perimeter Box Molding #7125
Snap-in Metal Panel MPT4500
MPT4500 Main Beam

MetalWorks Snap-in 20" x 60" with M16 perforation in Silverlume on Prelude® 15/16" suspension system

Visit Armstrong.com Photo Gallery to view more installation photos

SEARCH: metalworks snap-in

KEY SELECTION ATTRIBUTES

- Clean, monolithic concealed appearance
- Low-cost concealed suspension solution
- 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)
- Nine standard finishes and six standard 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
- Up to 98% recycled content aluminum
- Additional sizes, colors, and perforations available. For more information, visit our web site at armstrong.com/metalworks or call 1 877 ARMSTRONG and select options 1-1-4 to work with the Architectural Specialties project management team

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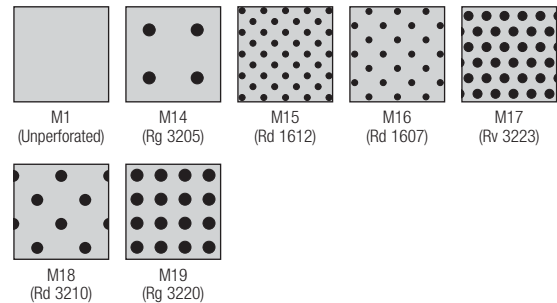
MetalWorks

| Whitelume (WHA) | Silverlume (SIA) | Gun Metal (MYA) | Satin Anodized (SAA) | Lacquer Mill (LMA) | Brushalume (BAA) |
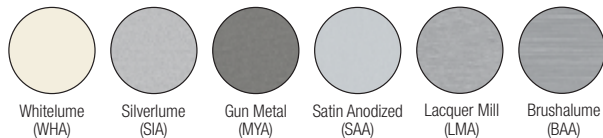
Reflections™ Laminate Finishes

| 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) |

PERFORATION OPTIONS (1:2 scale shown)

M1 (Unperforated)
M14 (Rg 3205)
M15 (Rd 1612)
M16 (Rd 1607)
M17 (Rv 3223)
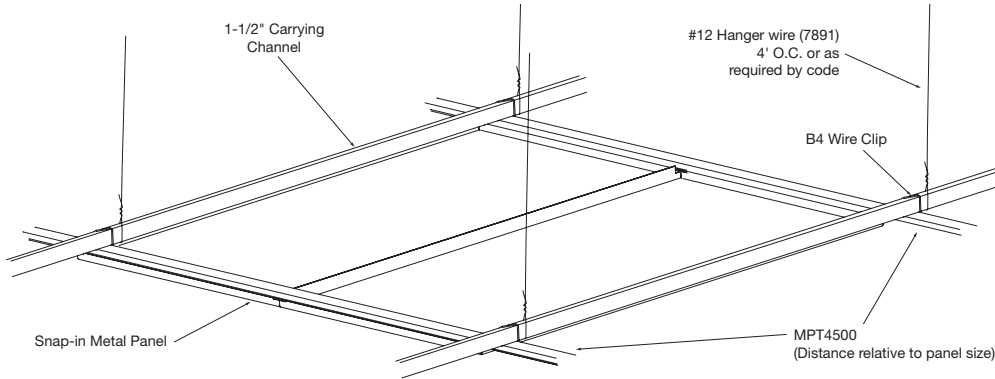
M18 (Rd 3210)
M19 (Rg 3220)

Additional sizes, laminates, colors, and perforations available. For more information, visit our web site at armstrong.com/metalworks or call 1 877 ARMSTRONG and select options 1-1-4 to work with the Architectural Specialties project management team.

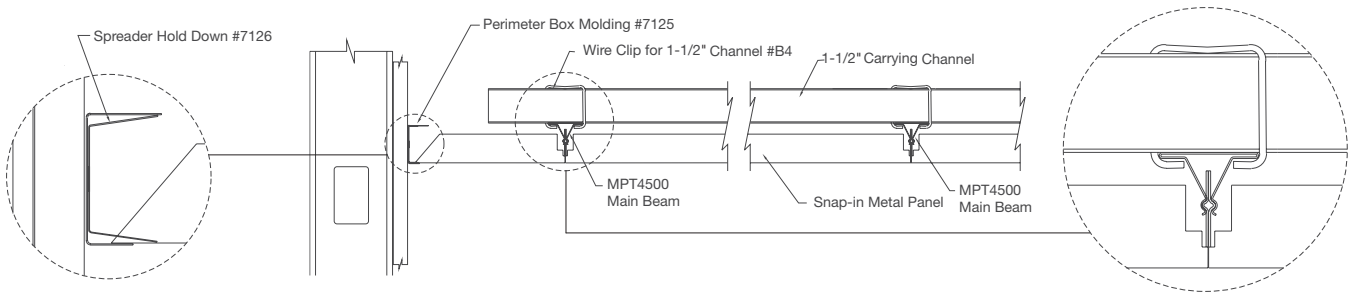Pictured on cover: MetalWorks Snap-in 20" x 60" with M16 perforation in Silverlume on Prelude 15/16" suspension system; Irving Convention Center at Las Colinas, Irving, TX

METALWORKS™ Snap-in
Concealed Suspension
smooth texture

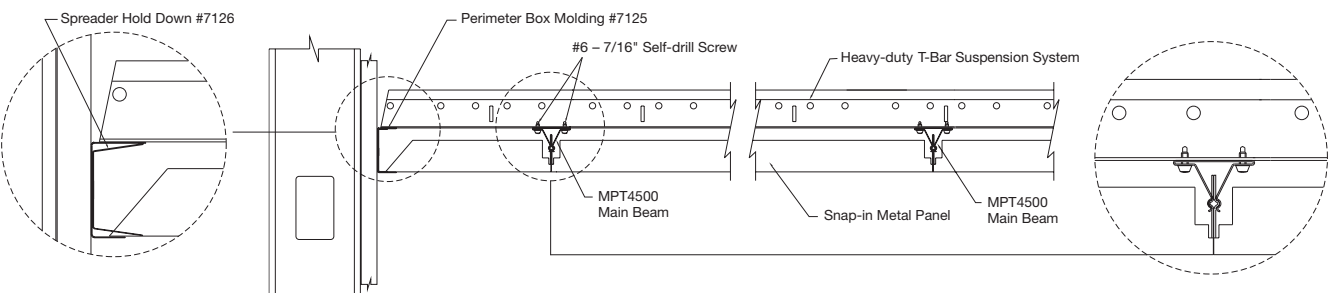## INSTALLATION DETAIL – MetalWorks Snap-in on 1-1/2" Carrying Channel

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
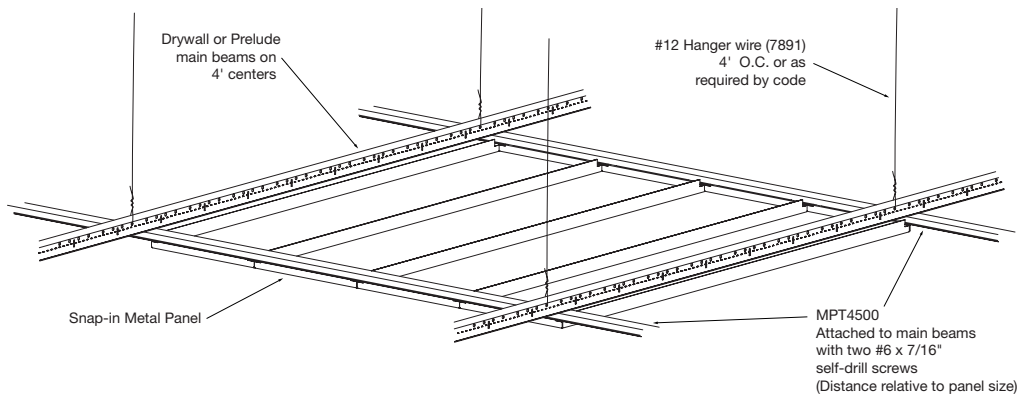
Drywall or Prelude
main beams on
4' centers

#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

METALWORKS™ Snap-in
Concealed Suspension
smooth texture

LEED®

acoustics | energy | daylight & views | indoor air quality | renewable materials | recycled content | waste mgmt | local* materials

Calculate LEED contribution at armstrong.com/greengenie   *LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE
Dots represent high level of performance.

Edge Profile	Item Number♦	Dimensions (Inches)	Perforations	Light Reflect	Wash	Scrub	Impact	Soil
METALWORKS Snap-in (with acoustical fleece)								
Snap-in Square 15/16"	7216_ _ _ _ _	12 x 48"	M1; M14-19	0.77 (M1)	•	•	•	•
	7215_ _ _ _ _	24 x 24"	M1; M14-19	0.77 (M1)	•	•	•	•
	7217_ _ _ _ _	24 x 48"	M1; M14-19	0.77 (M1)	•	•	•	•
	7219_ _ _ _ _	30 x 30"	M1; M14-19	0.77 (M1)	•	•	•	•

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

EXAMPLE:

7215 M14 LMA

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

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 pgs. 101-102.

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

COLORS AND PERFORATIONS

Whitelume (WHA)
Silverlume (SIA)
Gun Metal (MYA)

Satin Anodized (SAA)
Lacquer Mill (LMA)
Brushalume (BAA)

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)

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

M16 (Rd 1607)
M17 (Rv 3223)
M18 (Rd 3210)

M19 (Rg 3220)

SUSPENSION SYSTEMS

15/16" Prelude® XL® Main Beams (See catalog pg. 259 for components.); 1-1/2" Drywall Grid Main Beams (See catalog pg. 300 for components.)

Item Number	Description	Dimensions (Inches)	Color	Pieces/Carton
1-1/2" Carrying Channel	Supplied by others	–	–	–
MPT4500	Spring Tee (Snap Bar) (cross tee optional but recommended)	–	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

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 98% 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 1 877 ARMSTRONG, options 1-1-4 to work with the Architectural Specialties project management team.

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

Warranty
Warranty details at armstrong.com/warranty

Weight; Square Feet/Carton
0.69 lbs/SF

TechLine℠ / 1 877 ARMSTRONG
1 877 276 7876
armstrong.com/metalworks
BPCS-4445-314

METALWORKS

Armstrong®