Capz™
METALWORKS™, OPTIMA®, and SPECTRA™
Acoustical Ceiling System
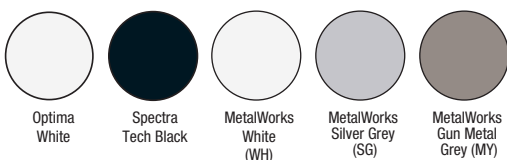
Optima Capz 4' x 8' with White Capz

Key Selection Attributes

- Noise is absorbed on both the front and back of panels (NRC 0.75 - 0.95)
- Panel options:
  – Optima Capz – (White)
  – Spectra Capz – (Black)
  – MetalWorks Capz (White, Silver Grey, Gun Metal Grey)
- High light reflectance 0.90 (Optima)
- Easy alignment suspension system

- MetalWorks panels feature:
  – ExpanTech™ technology for larger panel sizes with 10 times less deflection than standard large-size metal panels (without the use of panel stiffeners)
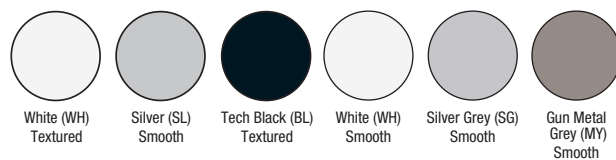 – Durable – washable, scrubbable, impact-, and soil-resistant

Typical Applications

- Exposed structure
- Drywall spaces requiring acoustical correction
- Painted decks

Capz can be installed:

- Directly to the deck
- On drywall
- Suspended like a continuous ceiling

Panels can be designed in long runs or grouped based on the acoustical needs of the space.

Color Selection

Optima White	Spectra Tech Black	MetalWorks White (WH)	MetalWorks Silver Grey (SG)	MetalWorks Gun Metal Grey (MY)

Cap Finish Colors

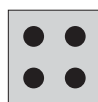| White (WH) Textured	Silver (SL) Smooth	Tech Black (BL) Textured	White (WH) Smooth	Silver Grey (SG) Smooth	Gun Metal Grey (MY) Smooth

Detail

Optima White

Spectra Tech Black

MetalWorks Capz

MetalWorks Capz Perforation Options (Actual 1:1 scale shown)

M10

Note: MetalWorks Capz panels have a 1/2" unperforated border.
Refer to hand sample for visual.

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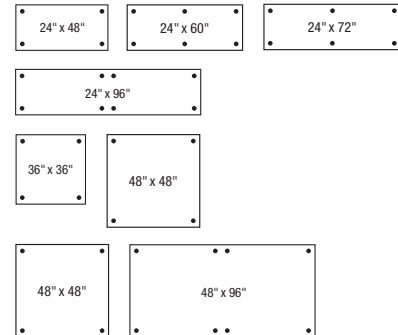## Acoustical Ceiling System

Select your texture, panel sizes, layout, and cap color

Panel sizes

Optima and Spectra Capz Sizes

Edge Profile	Item Number◆	Dimensions	LR	NRC
Standard Sizes – all Reverse Tegular edge				
	3934 _ _	2' x 4' x 7/8"	.90	.95
	3935 _ _	2' x 5' x 7/8"	.90	.95
	3930 _ _	2' x 6' x 7/8"	.90	.95
	3931 _ _	2' x 8' x 7/8"	.90	.95
	3936 _ _	3' x 3' x 7/8"	.90	.95
	3932 _ _	4' x 4' x 7/8"	.90	.95
	3933 _ _	4' x 8' x 7/8"	.90	.95

24" x 48" 24" x 60" 24" x 72" 24" x 96" 36" x 36" 48" x 48" 48" x 48" 48" x 96"

◆ When specifying or ordering, include the appropriate 2-letter suffix (3934<u>W H</u> for Optima White; 3934<u>B L</u> for Spectra Tech Black)
NOTE: For more information on MetalWorks Capz, visit armstrong.com/capz.

MetalWorks Capz Sizes

Edge Profile	Item Number◆	Dimensions	Pcs/Ctn	NRC†
Standard Sizes				
	64901M10 _ _	4' x 4' x 0.57"	1	0.80, 0.90†, 0.95††
	64902M10 _ _	4' x 4' x 0.57"	2	0.80, 0.90†, 0.95††
Premium Sizes*				
	64780M10 _ _	2' x 4' x 0.57"	Bulk packaged	0.80, 0.90†, 0.95††
	64790M10 _ _	2' x 5' x 0.57"	Bulk packaged	0.80, 0.90†, 0.95††
	64910M10 _ _	2' x 6' x 0.57"	Bulk packaged	0.80, 0.90†, 0.95††
	64920M10 _ _	2' x 8' x 0.57"	Bulk packaged	0.80, 0.90†, 0.95††
	64930M10 _ _	3' x 3' x 0.57"	Bulk packaged	0.80, 0.90†, 0.95††
	64940M10 _ _	4' x 8' x 0.57"	Bulk packaged	0.80, 0.90†, 0.95††

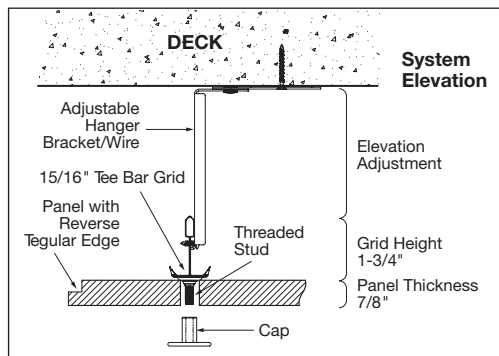MetalWorks Capz 4' x 4' with M10 perforation in Silver Grey with Silver Caps

◆ When specifying or ordering, include the appropriate 2-letter suffix (WH, SG, MY). Light Reflectance 0.61 available for White panels.
* Minimum order quantities and extended lead times may apply.
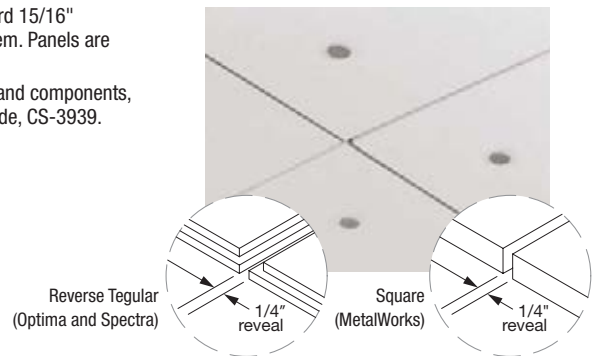† With fiberglass infill item 8200100
†† With BioAcoustic infill item 5479

Four easy steps to install

DECK
System Elevation
Adjustable Hanger Bracket/Wire
15/16" Tee Bar Grid
Panel with Reverse Tegular Edge
Threaded Stud
Elevation Adjustment
Grid Height 1-3/4"
Panel Thickness 7/8"
Cap

Capz is installed with a standard 15/16" Prelude® XL® suspension system. Panels are aligned with a 1/4" reveal.

For suspension system layout and components, refer to the Capz Technical Guide, CS-3939.

Reverse Tegular (Optima and Spectra) 1/4" reveal

Square (MetalWorks) 1/4" reveal

1. Anchor bracket or wire to the deck

2. Attach 15/16" suspension system to bracket, insert cross tees, and STAC or ARPLUG clip

3. Attach threaded stud to suspension system, raise Capz panel into place
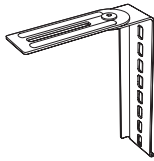
4. Screw on cap

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Acoustical Ceiling System

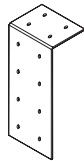Capz offers a fun, architectural detail

Select your texture, panel sizes, layout, and cap color
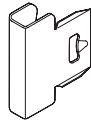
Capz Hardware Components
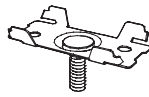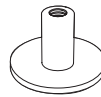
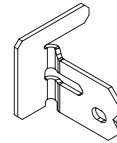Adjustable Hanger Bracket (ARBRKT)

OR

Rigid Attachment Clip (QSUTC)

Cross Tee Plug Clip (ARPLUG)

Threaded Stud (ARSTUD)

Cap (ARCAP_ _) (5487_ _ for MetalWorks)

Clip (STAC)

When specifying or ordering, include the appropriate color suffix (WH, BL, or SL for ARCAP or WH, SG, MY for 5487). See installation drawing on previous page for component scale. Custom RAL colors available.

Design Considerations

- Panels should not be installed perpendicular to each other, due to varying degrees of deflection.
- Suspension system may be visible at panel intersection. Consider using coordinating Prelude® White or Tech Black.

Installation Considerations

- Please refer to installation instructions LA-297435 before installing Capz
- Panels are pre-drilled to accept hardware caps
- Panels may be stacked in layers
- Panels may be installed on a slope using installation guidelines found in installation instructions LA-297435

Physical Data

Material
Optima is fiberglass with a DuraBrite® acoustically transparent scrim. Spectra Tech Black is fiberglass with an acoustically transparent scrim. MetalWorks is aluminum composite – 0.57" thick.

Surface Finish
Optima White has a DuraBrite finish with factory-applied latex paint providing superior light reflectance. Spectra Tech Black has a factory-applied latex paint. MetalWorks has factory-applied powder-coated finish (post coated).

Panel Deflection
Capz will naturally deflect due to the Capz four-point suspension system. Deflection of up to 1/8" has been documented in some cases.

Fire Performance
MetalWorks – ASTM E84 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed 50 or less.

Anti Mold/Mildew & Bacteria
Optima and Spectra are inherently resistant to the growth of mold, mildew, and bacteria.

Weight; Square Feet/Carton
3930, 3936 – 0.56 lbs/SF; 72 SF/ctn
3935 – 0.56 lbs/SF; 80 SF/ctn
3931, 3934 – 0.56 lbs/SF; 96 SF/ctn
3932, 3933 – 0.56 lbs/SF; 128 SF/ctn
MetalWorks – 1 lb/SF

Warranty
Optima Capz – 10 year; Spectra Capz – 10 year; MetalWorks Capz – 1 year
Details: armstrong.com/warranty

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CLOUDS, CANOPIES, BAFFLES, & ACOUSTICAL PANELS