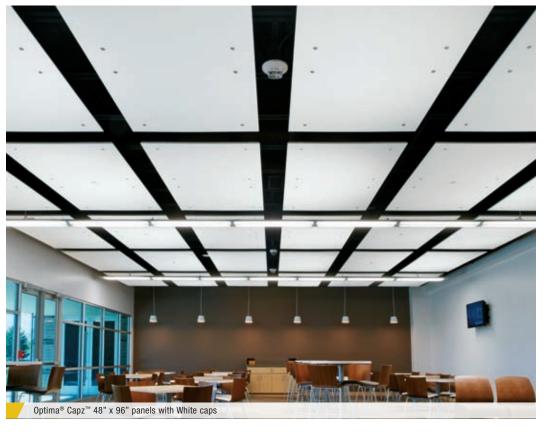
# Capz™ METALWORKS™, OPTIMA®, and SPECTRA™

acoustical panels medium texture





armstrongceilings.com/photogallery

The sleek Capz<sup>™</sup> system pairs accent hardware with a variety of acoustical panels.

# **KEY SELECTION ATTRIBUTES**

- · Noise is absorbed on both the front and back of panels (Optima® and Spectra™)
- · Panel options: Optima, Spectra, MetalWorks<sup>™</sup>
- · High light reflectance 0.90 (Optima and MetalWorks white panels)
- · Easy alignment suspension system
- · Panels can be designed in long runs or grouped based on the acoustical needs of the space.
- MetalWorks panels feature:
   ExpanTech™ technology for larger MetalWorks panel sizes with 10 times less deflection than standard large-size metal panels (without the use of panel
- Durable Washable, Scrubbable, Impact-, Soil-resistant
- RAL/custom colors available.

# TYPICAL APPLICATIONS

- · Exposed structure
- · Drywall spaces requiring acoustical correction
- · Painted decks
- · Capz panels can be installed: directly to the deck, on drywall, or suspended like a continuous ceiling

### PANEL COLOR SELECTION



Spectra<sup>1</sup> Tech Black







Silver Grey



Grey (MY)



(WH)



Smooth

CAP COLOR SELECTION



Tech Black Textured

### MetalWorks™ Capz







Gun Metal Grey Smooth (MY)

# (WH) **DETAIL**







- 1. Optima® White Capz™
- 2. Spectra™ Tech Black Capz™
- 3. MetalWorks™ Capz™

# METALWORKS™ CAPZ™ PANEL PERFORATION OPTIONS

(Actual 1:1 scale shown)



NOTE: MetalWorks<sup>™</sup> Capz<sup>™</sup> panels have a 1/2" unperforated border. Refer to hand sample for visual.

(Rg 2513)





# Capz™ OPTIMA® and SPECTRA™

acoustical panels medium texture

# CONTENT armstrongceilings.com/greengenie

Calculate LEED contribution at

\$\$\$\$\$

PERFORMANCE SELECTION Dots represent high level of performance

RECYCLED

### **VISUAL SELECTION**

Edge	ltem	Dimensions	
Profile	No. ◆	(Inches)	

OPTIMA® and SPECTRA™	Capz™ Rev	erse Tegular

OF HIMA AND SELVINA	capz neverse regul	aı
3934	24 x 48 x 7/8"	: :
3935	24 x 60 x 7/8"	
3930	24 x 72 x 7/8"	: : :
3931	24 x 96 x 7/8"	: :: :
3936	36 x 36 x 7/8"	
3932	48 x 48 x 7/8"	
3933	48 x 96 x 7/8"	

Size	Capabilities
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Made- to-Order Sizes (3 Wks)
---------------------------------------

Width	Length
7/8" Thick	
12" – 48"	4" - 120

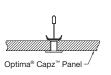
Acoustics	(White Ouly)	Fire Rating	Mold & Mildew Protection	Sag +pann-	Wash	Scrub	Impact of the property of the	N Scratch	Soil	Recycled Content	Recycle
0.90	0.90	Class A	•	•	•	-	-	•	•	•	•
0.90	0.90	Class A	•	•	•	-	-	•	•	•	•
0.90	0.90	Class A	•	•	•	-	_	•	•	•	•
0.90	0.90	Class A	•	•	•	_	_	•	•	•	•

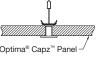
0.90 0.90 Class A 0.90 0.90 Class A

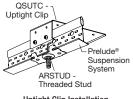
0.90 N/A Class A

◆ When specifying or ordering, include the appropriate 2-letter suffix (e.g., 3934 WH) for Optima White; 3934 BL for Spectra Tech Black; 64901M10 WH for MetalWorks

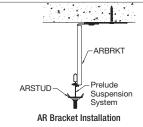
# OPTIMA® CAPZ™











Class A

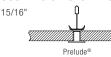
0.90

# **CAPS**



Caps for Optima® or Spectra™ (ARCAP\_\_\*)◆

### SUSPENSION SYSTEMS





**ACCESSORIES** 

0.90

Adjustable Hanger Bracket (ARBRKT)

Rigid Attachment

Clip (QSUTC)



Cross Tee Plug Clip (ARPLUG) Threaded Stud

(ARSTUD)



Clip (STAC)

# PHYSICAL DATA

Optima® – fiberglass with a DuraBrite® acoustically transparent scrim. Spectra Tech Black – fiberglass with an acoustically transparent scrim.

Optima® White – a DuraBrite finish with factory-applied latex paint providing superior light reflectance. Spectra Black - a factory-applied latex paint.

**Fire Performance**Optima®/Spectra™ – ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less. (UL labeled)

Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

High Recycled Content Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines

### Panel Deflection

Capz<sup>M</sup> panels will naturally deflect due to the Capz. Panels will naturally deflect one to the Capz. Point (or more) suspension system. Deflection of up to 1/8" has been documented in some cases. Panels should be installed nernendicular to each other due to varynot be installed perpendicular to each other due to varying degrees of deflection.

Design & Installation Considerations In situations where all suspension points cannot be used, follow our technical guide BPCS-3939 for recommendations.

Panels are installed directional and are marked on the back with arrows. Suspension system may be visible at panel intersection. Consider using coordinating Prelude® 15/16" suspension system. Panels may be stacked in layers. Panels may be installed on a slope using guidelines found in installation instructions BPLA-297435.

Warranty Optima® Capz™ & Spectra™ Capz™ - 10 year Details at armstrongceilings.com

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 – 0.56 lbs/SF; 64 SF/ctn 3933 – 0.56 lbs/SF; 128 SF/ctn

Minimum Order Quantity 1 carton (Optima® and Spectra™ panels only)

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# Capz™ METALWORKS™

acoustical panels smooth texture

VISUAL SELECTION

# **RECYCLED** Calculate LEED contribution at armstrongceilings.com/greengenie

PERFORMANCE SELECTION Dots represent high level of performance

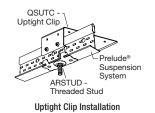
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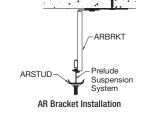
Edge Profile	ltem No. ◆	Dimensions (Inches)	رار) Acoustics	Light Reflect	Fire Rating	Mold & Mildew Protection	Sag Resist	Wash	Scrub	Impact	Scratch	Soil Soil	Recycled Content	Recycle
METALWORK	S™ Capz™ Stand	ard Sizes	_ =	(White Only)		Inherent	Humi- Guard+		mm	Durability	<b>~</b>	6886		VEC-
	64901M10		0.75†	0.61	Class A	•	•	•	•	•	•	•	•	•
	64902M10	48 x 48 x 9/16" (2 pc carton)	0.75 <sup>†</sup>	0.61	Class A	•	•	•	•	•	•	•	•	•
METALWORK	S™ Capz™ Premi	um Sizes*												
	64780M10	24 x 48 x 9/16"	0.75†	0.61	Class A	•	•	•	•	_	•	•	•	•
	64790M10	24 x 60 x 9/16"	0.75†	0.61	Class A	•	•	•	•	_	•	•	•	•
	64910M10	24 x 72 x 9/16"	0.75†	0.61	Class A	•	•	•	•	-	•	•	•	•
	64920M10	24 x 96 x 9/16"	0.75†	0.61	Class A	•	•	•	•	-	•	•	•	•
	64930M10	36 x 36 x 9/16"	0.75 <sup>†</sup>	0.61	Class A	•	•	•	•	-	•	•	•	•
	64940M10	48 x 96 x 9/16"	0.75†	0.61	Class A	•	•	•	•	_	•	•	•	•

- ◆ When specifying or ordering, include the appropriate 2-letter suffix (e.g., 64901M10 <u>W</u> <u>H</u> for MetalWorks White).
   \* Minimum order quantities and extended lead times may apply.
   † With BioAcoustic<sup>™</sup> infill item 5479. NRC of 0.90 with fiberglass infill 8200100.

# METALWORKS™ CAPZ™





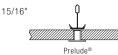


# **CAPS**



CAPS for MetalWorks (5487\_\_+)

# SUSPENSION SYSTEMS



# **ACCESSORIES**



Adjustable Hanger Bracket (ARBRKT)

Rigid Attachment

Clip (QSUTC)



Cross Tee Plug Clip (ARPLUG) Threaded Stud

(ARSTUD)



Clip (STAC)

# PHYSICAL DATA

# Material

MetalWorks<sup>™</sup> – aluminum composite – 0.57" thick.

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

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

Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

VOC Emissions (MetalWorks™ only)
Third-party certified compliant with California
Department of Public Health CDPH/EHLB/ Standard
Method Version 1.1, 2010. This standard is the guideline
for low emissions in LEED®, CalGreen Title 24, ANSI/
ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

# High Recycled Content

Total recycled content.

Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

# Panel Deflection

Capz™ panels will naturally deflect due to the Capz™ four-point (or more) suspension system. Deflection of up to 1/8" has been documented in some cases. Panels should not be installed perpendicular to each other due to varying degrees of deflection.

### **Design & Installation Considerations**

In situations where all suspension points cannot be used, follow our technical guide BPCS-3939 for recommendations.

Panels are installed directional and are marked on the back with arrows. Suspension system may be visible at panel intersection. Consider using coordinating Prelude® 15/16" suspension system. Panels may be stacked in layers. Panels may be installed on a slope using guidelines found in installation instructions BPLA-297435.

**Warranty** MetalWorks<sup>™</sup> Capz<sup>™</sup> – 1 year Details at armstrongceilings.com

Weight; Square Feet/Carton MetalWorks™ - 1 lb/SF

TechLine / 1 877 276-7876 armstrongceilings.com/capz



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