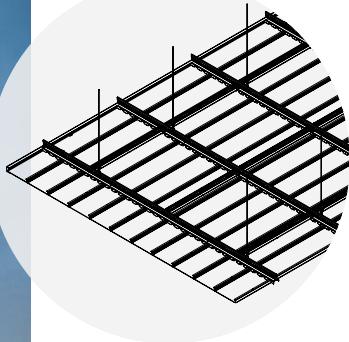


METALWORKS™ Linear – Synchro®

Interior & Exterior
smooth texture



CAD/Revit® drawings at:
armstrongceilings.com/cadrevit



plus capabilities



armstrongceilings.com/capabilities
See more photos at:
armstrongceilings.com/photogallery

MetalWorks Linear – Synchro unperforated, 6" planks in Effects Ginger

Durable metal ceiling and wall system that provides a monolithic, no reveal look in a variety of sizes and finishes for interior and exterior applications.

KEY SELECTION ATTRIBUTES



- Nominal 2", 4", 6", & 9" wide, M1 only, planks now available for exterior applications in four standard metal finishes and 17 Effects™ finishes
- Available for exterior applications on M1 planks, tested to meet wind uplift Classes 30, 60, and 90
- Planks easily snap into upper hooks of new Main Beam Carrier (item 7277S3MF)



- Discontinuous ceilings possible with Axiom® trim or coordinating Effects trim using the Adjustable Trim Clip
- CleanAssure™ family of products – includes disinfectable planks, suspension systems, and trim
- Popular linear lighting options for sleek, coordinated visual by XAL®, Axis, Backlight. See "Compatible Lights" table in install instructions for details.

- Planks and suspension system tested and approved for seismic areas per ASTM E580, AC 156 Acceptance Criteria for Seismic Qualification Testing of Non-structural Components, and ASTM 3118
- Integrate with pre-engineered Axiom® Indirect Field Light Coves for Specialty Ceilings to achieve predictable lighting performance



- Achieve high sound absorption for interiors with microperforated planks – 0.70 NRC
- Install 4", 6", & 9" wide Linear – Synchro planks on interior wall applications horizontally or vertically with no additional clips or brackets needed



Also
Available
for Walls!

METALWORKS™ Linear – Synchro®

Interior & Exterior
smooth texture



58% RECYCLED CONTENT

energy management	✓	✓	✓	✓	✓
construction waste mgmt	✓				
regional materials		✓			
design or flexibility			✓		
EPD				✓	
recyclable/ extended producer resp.					✓
biobased materials					✓
recycled content					✓
sourcing of raw materials					✓
material ingredient reporting					✓
low emitting/ materials					✓
lighting quality					✓
acoustics					✓

For LEED contribution contact TechLine



MetalWorks™ Linear – Synchro® 9" planks in Effects™ Nutmeg



STANDARD COLORS & FINISHES

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

MetalWorks™ (Interior, Exterior)



White
(WH, WH2)

Silver Grey
(SG, SG2)

Gun Metal
Grey (MY, MY2)

Black
(BL, BL2)

Effects™ Classic (Interior, Exterior)
Dye-Sublimation



Effects Cherry
(FXCH, FXCH2)

Effects Dark
Cherry (FXDC, FXDC2)

Effects Oak
(FXOK, FXOK2)

new Effects™ Bold (Interior, Exterior)
Dye-Sublimation



Effects Sea Salt
(FXSS, FXSS2)

Effects Ginger
(FXGR, FXGR2)

Effects Nutmeg
(FXNM, FXNM2)

new Effects™ Subtle (Interior, Exterior)
Dye-Sublimation



Effects Sesame
(FXSE, FXSE2)

Effects Macadamia
(FXMA, FXMA2)

Effects Cinnamon
(FXCM, FXCM2)

Effects Walnut
(FXWN, FXWN2)

Effects Walnut
Espresso
(FXWE, FXWE2)

Effects Poppy Seed
(FXPS, FXPS2)

Effects Peppercorn
(FXPC, FXPC2)

Effects Almond
(FXAL, FXAL2)

Effects Flax
(FXFL, FXFL2)

Effects Cocoa Bean
(FXCB, FXCB2)

Effects Coriander
(FXCO, FXCO2)

CUSTOM COLORS & FINISHES

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



Custom Colors
Available

Custom Wood-look
Finishes Available

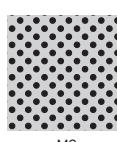
For custom options contact ASQuote,
ASQuote@armstrongceilings.com

PERFORATION OPTIONS

(1:2 scale shown)



M1
(Unperforated)



M2
(Microperforated)

TechLine 877 276-7876

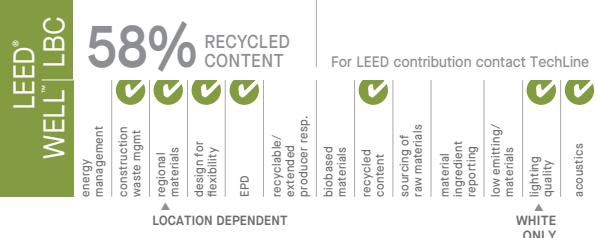
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Armstrong®
World Industries

METALWORKS™ – Standard

METALWORKS™ Linear - Synchro®

Interior & Exterior
smooth texture



VISUAL SELECTION

Item No.◆	Description	Dimensions Nominal W x L x D (Inches)	Module Width (Inches)
		Custom Sizes Available	
METALWORKS™ Linear - Synchro® Planks	8223W02 _____ 2" Plank	2 x 96 x 1"	2.25"
	8223W04 _____ 4" Plank	4 x 96 x 1"	4.50"
	8223W06 _____ 6" Plank	6 x 96 x 1"	6.75"
	8223W09 _____ 9" Plank	9 x 96 x 1"	9.00"

◆ When specifying or ordering, include the appropriate 2-letter perforation suffix and 2- or 4-letter color suffix (e.g., 8223W04 M 1 E X C H, 8223W09 M 2 S G).
NOTE: When specifying or ordering exterior finishes, place a "2" after the item color suffix (e.g., 8223W02M1 S G 2).

SUSPENSION SYSTEM & ACCESSORIES

	Item No.◆	Description	Dimensions (Inches) Nominal W x L x H	Color	Pieces/Carton
Suspension Systems	7277S3MF	Main Beam Carrier (MBC) – G90 Mill Finish	144 x 1-3/4 x 2-3/4"	N/A	10
	XL8926	2' Drywall Cross Tee	24 x 1-1/2 x 1-1/2"	N/A	36
	XL8926G90	2' Drywall Cross Tee - Exterior	24 x 1-1/2 x 1-1/2"	N/A	36
Wall-to-Wall Installations	8161	Pressure Spring	N/A	N/A	50
	7113	Spreader Hold Down	N/A	N/A	40
	BERC2	Beam End Retaining Clip	N/A	N/A	200
	5574 _____	Carrier Molding	120 x 1 x 1"	WH, SG, MY, BL and all Effects Wood Looks	10
	7800 _____	Hemmed Angle Molding	144 x 7/8 x 7/8"	WH, BL	30
	HD7801G90 ____	10' Hemmed Angle Molding - Exterior	120 x 7/8 x 7/8"	N/A	30
Floating Cloud Installations	AX6VESTR __	Axiom® Vector® Trim - 6" Straight	3/4 x 120 x 6"	WH, SG, MY, BL*	N/A
	AX6VECUR ____	Axiom® Vector® Trim - 6" Curved	Vary x 3/4 x 5-13/16"	WH, SG, MY, BL*	N/A
	AX6STR ___	Axiom® Classic Trim - 6" Straight	3/4 x 120 x 6"	WH, SG, MY, BL*	N/A
	AX6CUR ____	Axiom Classic Trim - 6" Curved	3/4 x 5-13/16"	WH, SG, MY, BL*	N/A
	7239	Adjustable Trim Clip	2-1/2 x 2-1/2 x 1-1/4"	N/A	25
	5344 ____	4" Effects Wood Looks Trim	Nominal 120" length	All Effects™ Wood Looks	6
	5346 ____	6" Effects Wood Looks Trim	Nominal 120" length	All Effects Wood Looks	6
	FXSPTHDC	Hold-Down Clip for Cut Panel Installations	N/A	N/A	10
Other Accessories	7237S3	Synchro Cut Plank Bracket	2-1/2 x 2-1/2 x 1-1/4"	N/A	50

* Items with the same finish name will coordinate but may not be an exact color match.

◆ When specifying or ordering, include the appropriate letter color suffix (e.g., 8233W02M1 B L, 8233W02M1 E X C H).

NOTE: When specifying or ordering exterior finishes for suspension system components, place a "2" after the item color suffix (e.g., 5574 W H 2).

ACCESSORIES

Item No.◆	Description	Pieces/Carton	Finish Selection
8233W02M1 ____	2" End Cap	10	WH, SG, MY, BL, and all Effects™ Wood Looks
8233W04M1 ____	4" End Cap	10	WH, SG, MY, BL, and all Effects Wood Looks
8233W06M1 ____	6" End Cap	10	WH, SG, MY, BL, and all Effects Wood Looks
8233W09M1 ____	9" End Cap	10	WH, SG, MY, BL, and all Effects Wood Looks

◆ When specifying or ordering, include the appropriate 2- or 4-letter color suffix (e.g., 8233W04M1 W H, 8233W04M1 E X C H).

Item No.	Description	Pieces/Carton	Finish Selection
8243W02	2" Splice Plate	10	N/A
8243W04	4" Splice Plate	10	N/A
8243W06	6" Splice Plate	10	N/A
BERC2	BERC 2 Clip	200	BL
XTACAG	XTAC Clip	200	BL
GCWA	GCWA Clip	250	BL

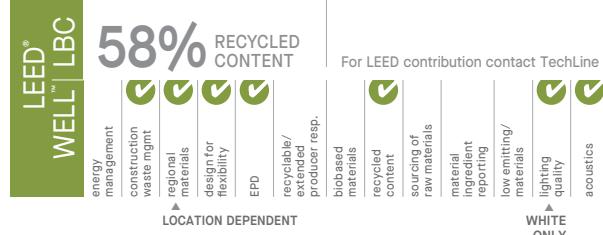
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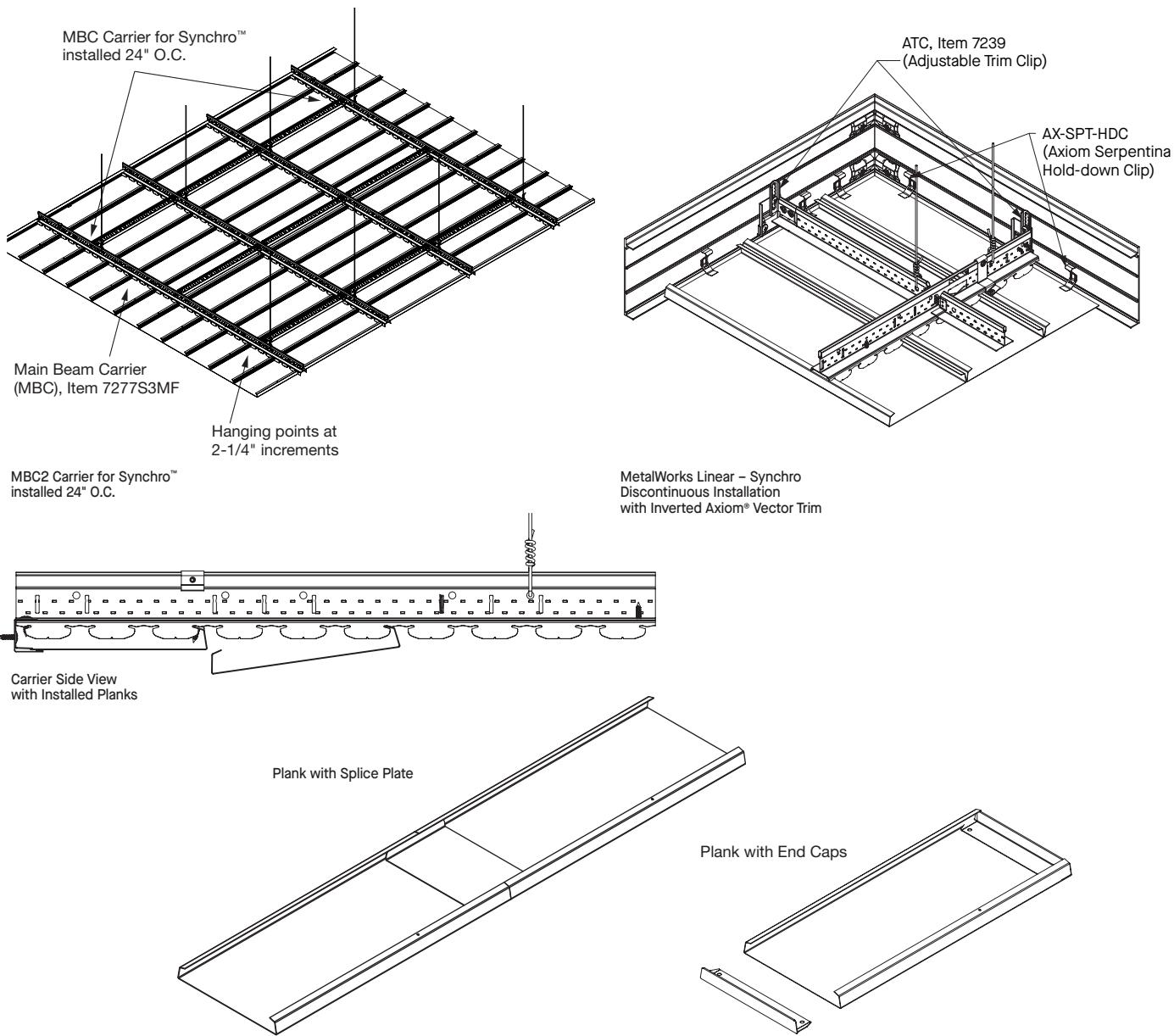
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METALWORKS™ Linear - Synchro®

Interior & Exterior
smooth texture



INSTALLATION DETAILS - CEILINGS



METALWORKS™ - Standard

PHYSICAL DATA

Material
Electrogalvanized Steel - thickness 0.028"

Surface Finish

Available in White, Silver Grey, Gun Metal Grey, Tech Black, and Effects™ Wood Looks powder-coated, post-production finishes for both interior and exterior applications. Other colors are available as custom. Contact ASQUOTE@armstrongceilings.com for custom requests.

Plank Reveal

MetalWorks Linear - Synchro planks have a butt joint installation with no reveal between planks for a monolithic visual.

Fire Performance

Class A: ASTM E84 and CAN/ULC S102. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

Design Considerations

While we strive to ensure exact color matches, various factors such as differences in materials and painting processes can affect how colors appear on ceiling and wall panels, suspension systems, and trim products. Due to these and other differences, items with the same finish name will coordinate but may not be an exact color match.

Wind Uplift Performance

All panels tested for wind uplift Classes 30, 60, and 90. Specific installation recommendations to meet these wind classes are available. Exterior available in unperforated panels only. For more information, contact TechLine at 1 877 276 7876

ASTM E1264 Classification

Fire Class - Class A
Unperforated - Type XX, Form 2, Pattern G
Perforated - Type XX, Form 2, Pattern C

Seismic Restraint

MetalWorks Linear - Synchro planks have been engineered, tested, and approved for application in all seismic areas when installed per Armstrong Ceilings installation instructions.

When installed properly, both planks and suspension have been tested to stay in place through vibrations and other seismic events.

Cleaning and Disinfecting

Cleaning and CDC approved disinfecting options available on armstrongceilings.com/cleaning

Warranty

Details at armstrongceilings.com/warranty

Weight; Pieces and Square Feet/Carton
8223W02 - 3.5 lbs./pc; 16 pcs/ctn; 24 SF/ctn
8223W04 - 4.45 lbs./pc; 12 pcs/ctn; 36 SF/ctn
8223W06 - 6.05 lbs./pc; 8 pcs/ctn; 36 SF/ctn
8223W09 - 7.95 lbs./pc; 6 pcs/ctn; 36 SF/ctn

LIGHTING SOLUTIONS

METALWORKS™ Linear – Synchro®

Linear Lighting

NRC
CAC
DEF
GLARE



MetalWorks™ Linear – Synchro™ 11" planks with linear light fixtures

METALWORKS LINEAR – SYNCHRO LIGHTING INSTALLATION METHODS

Two different installation methods to integrate linear lighting into Synchro ceiling systems to tailor to project and design needs.

Option 1: Replacing a Linear – Synchro plank with a linear light

Option 2: Cutting Linear – Synchro plank face and housing light fixture within plank

For both options, cut the number of hooks listed in charts below based on coordinating light fixtures.

COMPATIBLE LIGHTS The following charts represent the compatible ligfixtures from Backlight and XAL® with the two installation methods

	Plank Width	CHIARO-2	CHIARO-3.25	CHIARO-5.25
Backlight Option #1	2"	*	N/A	N/A
	4"	*	*	N/A
	6"	*	*	*
	9"	*	*	*
Backlight Option #2	2"	N/A	N/A	N/A
	4"	N/A	N/A	N/A
	6"	*	*	N/A
	9"	*	*	*

	Plank Width	PANO-2	PANO-3.25	PANO-5.25
XAL Option #1	2"	*	N/A	N/A
	4"	*	*	N/A
	6"	*	*	*
	9"	*	*	*
XAL Option #2	2"	N/A	N/A	N/A
	4"	N/A	N/A	N/A
	6"	*	*	N/A
	9"	*	*	*

LIGHTING SOLUTIONS
METALWORKS™ Linear – Synchro®
Linear Lighting



METALWORKS™ – Standard

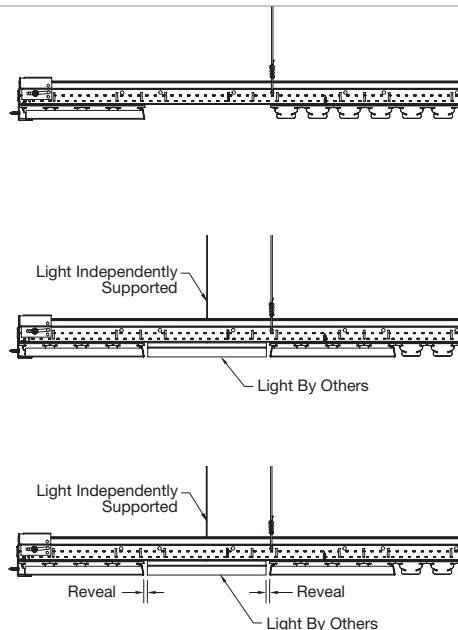
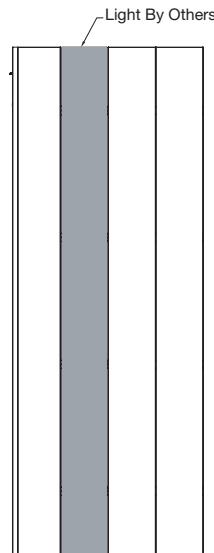
INSTALLATION DETAILS – OPTION 1

Backlight	CHIARO-2	CHIARO-3.25	CHIARO-5.25
Hooks Removed	1	2	3

Equal Reveal on either side of light 0.1325" 0.6325" 0.7575"

XAL®	PANO-2	PANO-3.25	PANO-5.25
Hooks Removed	1	2	3

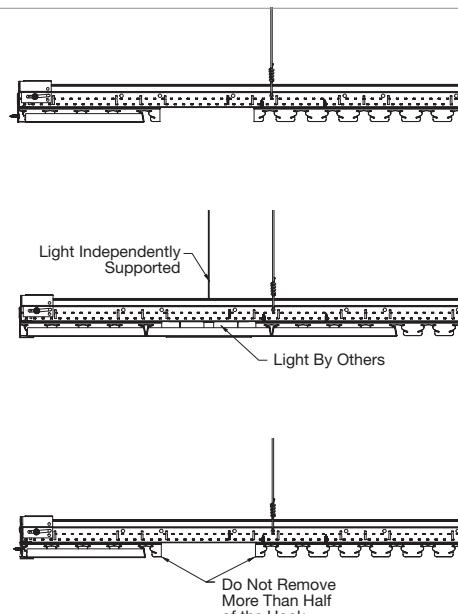
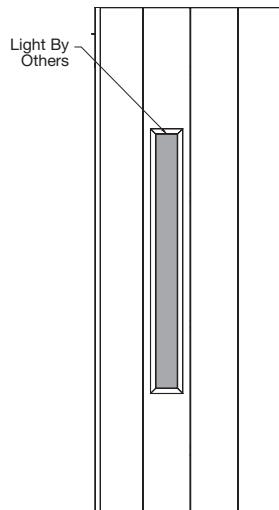
Equal Reveal on either side of light 0.1325" 0.6325" 0.7575"



INSTALLATION DETAILS – OPTION 2

Backlight	CHIARO-2	CHIARO-3.25	CHIARO-5.25
Hooks Removed	1	2	3

XAL	PANO-2	PANO-3.25	PANO-5.25
Hooks Removed	1	2	3



LIGHTING FIXTURES

Compatible with Backlight srl CHIARO light fixture and XAL® PANO Low-Profile Linear Plank light fixture

BACKLIGHT

For detailed lighting information, contact your local Backlight srl or XAL representative.