

# AXIOM® Design Troughs

Functional Channels for Lighting and MEP



Axiom Design Troughs in White and Black

Axiom® Design Troughs are standardized extruded aluminum solutions that simplify ceiling channel design while delivering a clean, integrated aesthetic that elevates the overall ceiling design.

## KEY SELECTION ATTRIBUTES

- Four profile designs to accommodate a wide range of applications; 2" x 4" trough, 2" x 6" trough, 4" face plate, and 6" face plate
- Custom height and width options available
- Integrated bosses support discreet clip and splice plate connections for a refined, uninterrupted appearance
- Utilizes standard 90° corners, 3-way and 4-way intersections to make the unique design layouts possible
- Allows for easy integration of lighting, MEP, HVAC, and architectural detailing within a single channel
- Out-of-the-box troughs simplify field installation and reduce jobsite complexity
- Designed to be cut in the field for layout flexibility
- Coordinates with Armstrong ceiling and suspension systems
- 10-Year Limited Warranty, 30-Year System Warranty
- CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim (Cleaning and CDC-approved disinfecting options available on [armstrong.com/cleaning](http://armstrong.com/cleaning))
- Axiom® trim and Design Troughs are part of the Sustain™ portfolio and meets the most stringent industry sustainability compliance standards today

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

Standard



White  
(WH)



Black  
(BL)

# AXIOM® Design Troughs

## Functional Channels for Lighting and MEP



RECYCLED CONTENT

LEED V5

Ecomedes Data

UP TO 50%

COMMON MATERIALS FRAMEWORK

Human Health	Declare Label	Climate Health	EPD
	HPD	Ecosystem Health	EPD
	3rd Party CDPH	Circular Economy	✓

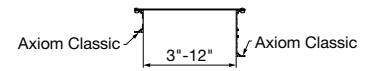
Declare.

### VISUAL SELECTION

	Item No.	Description	Dimensions (L x W x H Inches)	
AXIOM 2" x 4" Design Troughs	AXT24STR	2" x 4" Design Trough	120 x 4 x 2"	
	AXT24STRBL	2" x 4" Design Trough - Black	120 x 4 x 2"	
	AXT24C90	2" x 4" 90° Corner	12 x 4 x 2"	
	AXT24C90BL	2" x 4" 90° Corner - Black	12 x 4 x 2"	
AXIOM 2" x 4" Design Troughs	AXT243INT	2" x 4" 3-way Intersection	12 x 4 x 2"	
	AXT243INTBL	2" x 4" 3-way Intersection - Black	12 x 4 x 2"	
	AXT244INT	2" x 4" 4-way Intersection	12 x 4 x 2"	
	AXT244INTBL	2" x 4" 4-way Intersection - Black	12 x 4 x 2"	
AXIOM 2" x 6" Design Troughs	AXT26STR	2" x 6" Design Trough	120 x 6 x 2"	
	AXT26STRBL	2" x 6" Design Trough - Black	120 x 6 x 2"	
	AXT26C90	2" x 6" 90° Corner	12 x 6 x 2"	
	AXT26C90BL	2" x 6" 90° Corner - Black	12 x 6 x 2"	
AXIOM 2" x 6" Design Troughs	AXT263INT	2" x 6" 3-way Intersection	12 x 6 x 2"	
	AXT263INTBL	2" x 6" 3-way Intersection - Black	12 x 6 x 2"	
	AXT264INT	2" x 6" 4-way Intersection	12 x 6 x 2"	
	AXT264INTBL	2" x 6" 4-way Intersection - Black	12 x 6 x 2"	
AXIOM Face Plate Design Troughs	AXFFP4	Axiom Field Face Plate	120 x 4"	
	AXFFP6	Axiom Field Face Plate	120 x 6"	

### Custom Options

Custom Heights and Width Options Available  
 Height : 2" - 16" Axiom Classic; Width : 3" - 12"  
 For custom requests, contact Axiom Quote at [AxiomQuote@armstrong.com](mailto:AxiomQuote@armstrong.com)



NOTE: dimensions must fall within capabilities listed.

### ACCESSORIES

Item No.	Description	Dimensions (Inches)	
AX4SPICEB	Splice Plate with Set Screws	N/A	
AXTBC	Axiom T-Bar Connector Clip	N/A	
AX-V-TBC†	Axiom T-Bar Clip for Vector® Panel	N/A	
7239†	Adjustable Trim Clip***	N/A	
AX2HGC	Axiom Hanging Clip	N/A	

\*\*\* For use with specialty ceilings with grid offset greater than 3/8". Contact TechLine for details.  
 † Items must be ordered separately.

### PHYSICAL DATA

**Material**  
Commercial quality 6063 aluminum alloy

**Surface Finish**  
Factory-applied powder coated paint finish

**Cleaning & Disinfecting**  
Cleaning and CDC-approved disinfecting options available on [armstrong.com/cleaning](http://armstrong.com/cleaning)

**Warranty**  
10-Year Limited Warranty; 30-Year System Warranty

**Cross Tee/Main Beam Interface**  
Flush fit

**End Detail**  
Splice with screws

TechLine / 877 276-7876  
[armstrong.com/designtroughs](http://armstrong.com/designtroughs)  
 BPCS-7485-426

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World Industries

AXIOM DESIGN TROUGHs - Standard

