DYNAMAX® Plus

Structural Aluminum Suspension System

SUSTAIN™
High Performance
Sustainable
Ceiling Systems



DynaMax Plus Structural Aluminum Suspension System with DataZone for DynaMax ceiling panels

This system provides the accessibility and flexibility of DynaMax® grid but with enhanced load-carrying capacity for 6' and 8' rod drops.

KEY SELECTION ATTRIBUTES

- Allows for longer spans (6' and 8') while also providing greater load-carrying capacity
- 6' spacing allows for direct attachment to steel joists or pre-cast concrete tees
- Spanning 6' or more eliminates the need for slotted strut channel at deck/roof level and creates more space for critical MEP components
- Eliminates up to 1/2 of threaded rods/accessories utilized today for typical 48" hanging spans
- Ideal combination of a finished ceiling system with a structural solution
- Easy integration into a conventional grid system using AXTBC clip and DynaMax® Plus boss channels
- Can integrate seamlessly with select Armstrong® ceiling panels for a complete ceiling system solution
- Suspension system has continuous threaded boss channel, allowing 3/8"–16 threaded rod to be installed to the suspension system at any location
- Available in 24" × 24", 24" × 48", and 48" × 48" suspension system layouts
- Allows for 96" × 96" (or similar) structural pods/bays with acoustical grid infill using AXTBC clips
- Fully accessible system allows for future expansion and upgrades
- Non-progressive installation allows you to remove or replace a section of the system without the need to dismantle those components around it
- Cross tees not bearing any load are removable for plenum access without compromising the structural integrity of the system
- 10-Year Limited Suspension System Warranty; 30-Year Limited Ceiling System Warranty
- For custom layout information and technical guidelines, contact TechLine customer support at 877 276-7876

For Data Center Applications

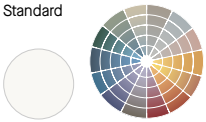
- Provides a suspension platform or attachment for data center cable trays, equipment, partitions, and hot and cold aisle containment barriers from building structure to below the ceiling plane
- Finished ceiling system offers a containment barrier to protect servers from debris
- Controls airflow by eliminating penetrations
- Grid provides increased temperature and pressure management, reduced leakage, and enables the best hot and cold air containment at the ceiling plane when compared to other ceiling types
- Available with Ultima® AirAssure® panels with factory-gasketed edges to provide even greater temperature and pressure management
- Lighting, diffuser, and containment options are available from our Data Center lighting and MEP partners

TYPICAL APPLICATIONS

- Data Centers
- Laboratories
- Industrial Warehouses/ Distribution Centers
- Retail/Convenience Store

COLORS

Standard



White (WH)

Available in any color!

Standard colors are pre-qualified for Sustain portfolio requirements. Custom or made-to-order colors must be evaluated separately when Sustain compliance is required.

For custom options contact ASQuote, ASQuote@armstrong.com

TechLine 877 276-7876
armstrong.com/datacenter

Armstrong®
World Industries

SUSPENSION SYTEMS – DATA CENTERS

DYNAMAX® Plus

Structural Aluminum Suspension System

SUSTAIN™ High Performance Sustainable Ceiling Systems

Declare.

RECYCLED CONTENT UP TO 50%

LEED V5 — Ecomedes Data

COMMON MATERIALS FRAMEWORK

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

Well Building Standard™ (WELL)
Living Building Challenge® (LBC)

SUSPENSION SYTEMS – DATA CENTERS

VISUAL SELECTION

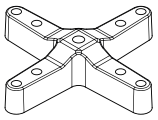
	Item No.	Description	Dimensions (Inches) L × W × H	PCS/ CTN	LF/ CTN
DynaMax® Plus Structural Aluminum Suspension System	**DM9301**	Main Beam	144 × 2 × 3-5/8"	2	24
	DM9320	2' Cross Tee	24 × 2 × 3-5/8"	6	12
	DM9340	4' Cross Tee	48 × 2 × 3-5/8"	6	24
	DM9340NC*	4' Cross Tee – No Center Notch	48 × 2 × 3-5/8"	6	24
	DM9360	6' Cross Tee	72 × 2 × 3-5/8"	2	12
	DM9380	8' Cross Tee	96 × 2 × 3-5/8"	2	16
	DM9800	Perimeter Molding	144 × 2-1/8 × 3-3/4"	2	24
DynaMax® Plus Structural Aluminum Suspension System – Factory Gasketed	**DM9301GS**	Main Beam	144 × 2 × 3-5/8"	2	24
	DM9320GS	2' Cross Tee	24 × 2 × 3-5/8"	6	12
	DM9340GS	4' Cross Tee	48 × 2 × 3-5/8"	6	24
	DM9340NCGS*	4' Cross Tee – No Center Notch	48 × 2 × 3-5/8"	6	24
	DM9360GS	6' Cross Tee	72 × 2 × 3-5/8"	2	12
	DM9380GS	8' Cross Tee	96 × 2 × 3-5/8"	2	16
	DM9800GS	Perimeter Molding	144 × 2-1/8 × 3-3/4"	2	24

NOTE: Contact local engineer for job-specific load and/or seismic requirements.
* Refer to Technical Guide for No Center Notch Layout

PACKAGING

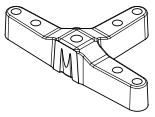
ACCESSORIES

DMXB – X-Bracket Used to connect all cross tees together for rigid connection



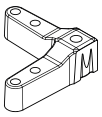
DMXB – 24 PCS

DMTB – T-Bracket – Used to connect main beams and cross tees to the perimeter extrusion



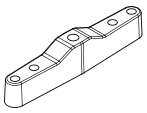
DMTB – 36 PCS

DMLB – L-Bracket – Used to connect perimeter extrusion corners together



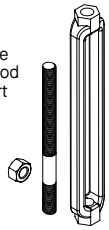
DMLB – 12 PCS

DMIB – I-Bracket – Used to splice together main beam ends



DMIB – 24 PCS

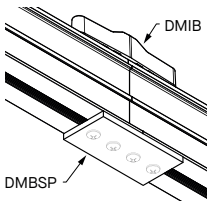
DMHWK – Hardware Kit – Turnbuckles and threaded rods are used to connect the X-brackets to the threaded rod to create a structural support for the grid.**



DMHWK – 12 PCS

** 1/2" hardware kit available upon request.

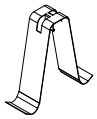
DMBSP – DynaMax Main Beam Splice Plate – Used with DMIB I-Bracket to splice together main beams that butt up against one another



DMBSP – 24 PCS

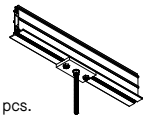
OPTIONAL ACCESSORIES

DMPHDC – Hold-down Clip for DynaMax Plus – Attaches to the suspension system to hold Lay-in panels in place



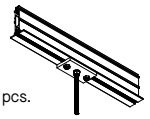
DMPHDC – 100 PCS

DMLAK – Load Adaptor Plate – Bottom load plate for additional direct loads



DMLAK – 24 pcs.

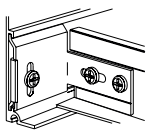
DMLAK12 – Load Adaptor Plate 1/2" Rod – Bottom load plate for 1/2" rod for additional direct loads



DMLAK12 – 24 pcs.

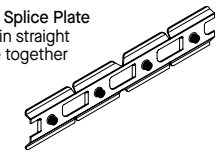
NON-STRUCTURAL CEILING ADAPTER ACCESSORIES

AXTBC – Axiom® T-Bar Connector Clip – Provides positive mechanical lock with factory-installed screw. Screw-fastened connection to suspension members that intersect the trim channel.



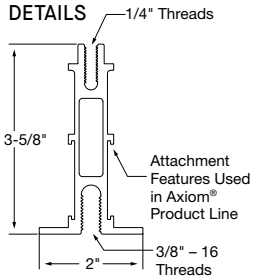
AXTBC – 1 PC

AX4SPLICEB – Axiom Splice Plate with Set Screws – Join straight sections of light cove together

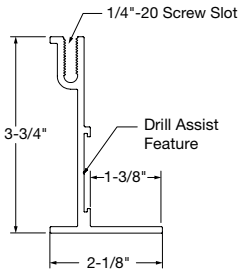


AX4SPLICEB – 1 PC

DETAILS



DynaMax Plus Main Beam



DynaMax Plus Perimeter Molding

LOAD DATA FOR DYNAMAX PLUS SUSPENSION SYSTEMS

Member Span and Spacing (in.)	48"	60"	72"	96"
Maximum Allowable Uniform Area Load (lbs./sq. ft.)	113	72	50	28
Mid-Span Point Load @ L/360 Deflection (lbs.)	1,090	690	480	270
Maximum Static Point Load (lbs.)	1,800	1,800	1,800	1,800
3/8" Turnbuckle Maximum Load to Structure (lbs.)	1,200	1,200	1,200	1,200
1/2" Turnbuckle Maximum Load to Structure (lbs.)	2,200	2,200	2,200	2,200

TechLine 877 276-7876
armstrong.com/datacenter

Armstrong® World Industries

DYNAMAX® Plus

Structural Aluminum Suspension System

SUSTAIN™
High Performance
Sustainable Ceiling Systems

Declare.

RECYCLED CONTENT
UP TO 50%

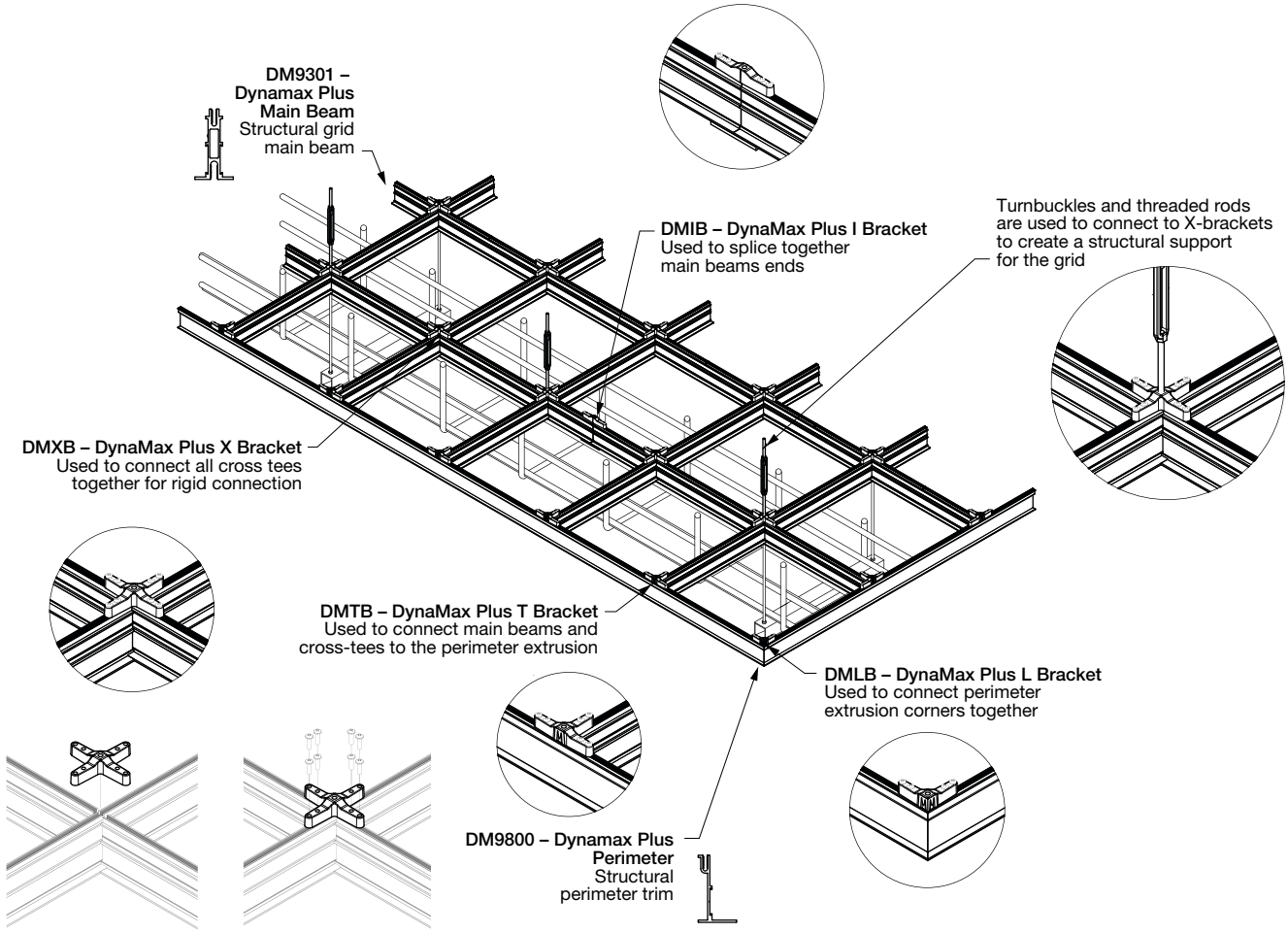
LEED V5
Ecomedes Data

COMMON MATERIALS FRAMEWORK

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

Well Building Standard™ (WELL)
Living Building Challenge® (LBC)

DYNAMAX® PLUS SUSPENSION SYSTEM INSTALLATION OVERVIEW



SUSPENSION SYTEMS – DATA CENTERS

DYNAMAX® Plus

Structural Aluminum Suspension System

SUSTAIN™
High Performance
Sustainable Ceiling Systems

Declare.

RECYCLED CONTENT
UP TO 50%

LEED V5
Ecomedes Data

COMMON MATERIALS FRAMEWORK

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

Well Building Standard™ (WELL)
Living Building Challenge® (LBC)

LIGHTING PARTNERS Lighting and diffuser solutions are available through partner companies.

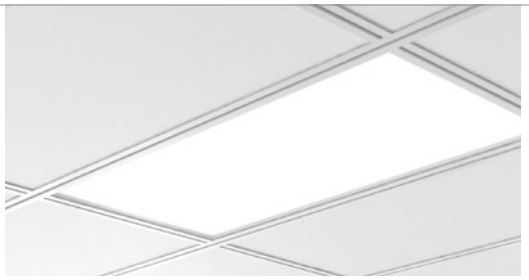
axis

For compatible lighting details, visit axislighting.com

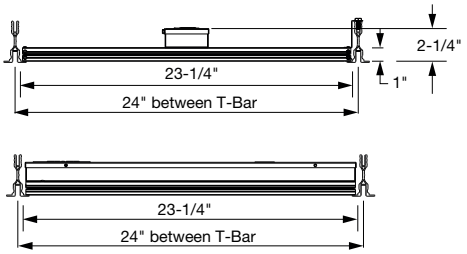
NOTE: Details in this section show standard DynaMax® MD suspension system; however, Axis TRAYFIT™ 2' × 2' and 2' × 4' are also compatible with DynaMax Plus suspension system

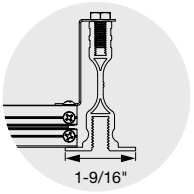


TRAYFIT™ 2×2

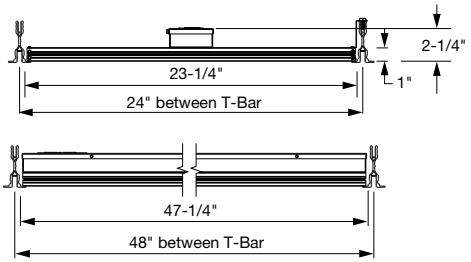


TRAYFIT™ 2×4





Detail View

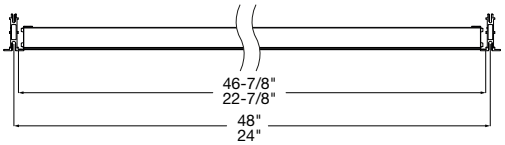


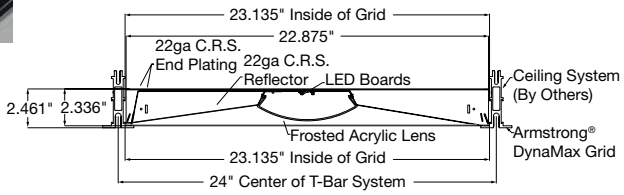
Williams®

For compatible lighting details, visit hew.com/products/PTDC



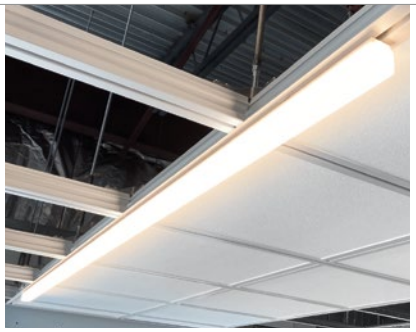
PTDC – Shallow Plenum LED Troffer for DynaMax® LT, DynaMax MD, and DynaMax Plus System



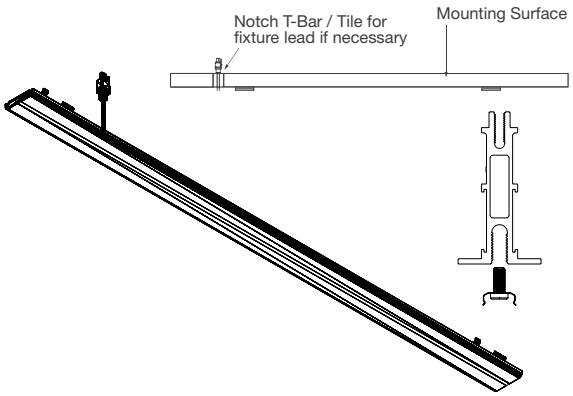


vode®

For compatible lighting details, visit vode.com/dynamax



ZipTwo® Data Center Solutions for DynaMax LT, DynaMax MD, and DynaMax Plus



SUSPENSION SYTEMS – DATA CENTERS

DYNAMAX® Plus

Structural Aluminum Suspension System

SUSTAIN™
High Performance
Sustainable Ceiling Systems

Declare.

RECYCLED CONTENT
UP TO 50%

LEED V5
Ecomedes Data

COMMON MATERIALS FRAMEWORK

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

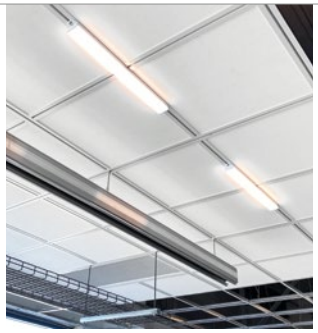
Well Building Standard™ (WELL)
Living Building Challenge® (LBC)

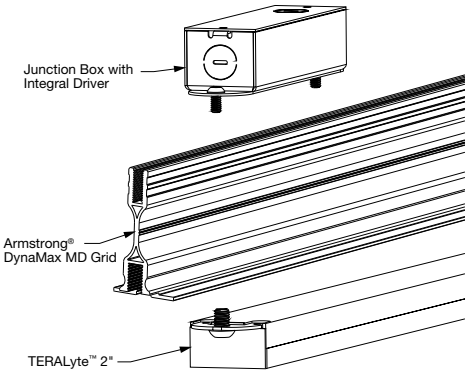
LIGHTING PARTNERS (CONTINUED)

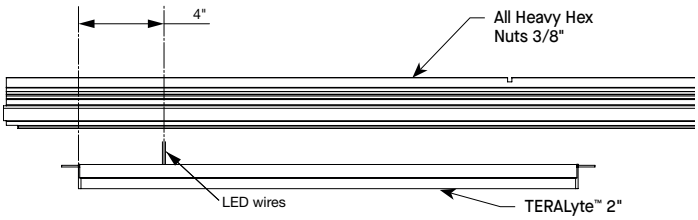
JLC • tech

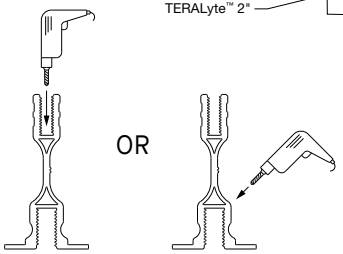
For compatible lighting details,
visit jlc-tech.com

NOTE: Details in this section show standard DynaMax® MD suspension system; however, JLC-Tech TERALyte™ 2" is also compatible with DynaMax® Plus suspension system.





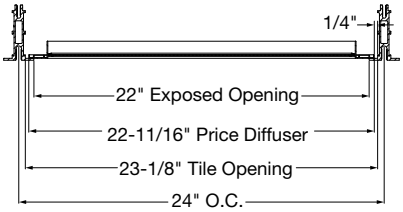


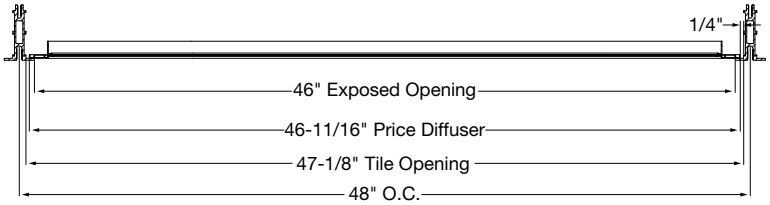


MEP PARTNER

price®

For compatible diffuser details,
visit priceindustries.com/diffusers



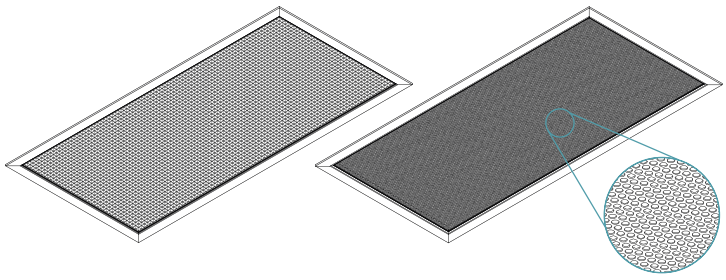




Eggcrate Air Device –
Price® Model 80



Perforated Air Device –
Price® Model 10



Eggcrate Air Device –
Price® Model 80

Perforated Air Device –
Price® Model 10

DYNAMAX® Plus

Structural Aluminum Suspension System

SUSTAIN™
High Performance
Sustainable Ceiling Systems

Declare.

RECYCLED CONTENT
UP TO 50%

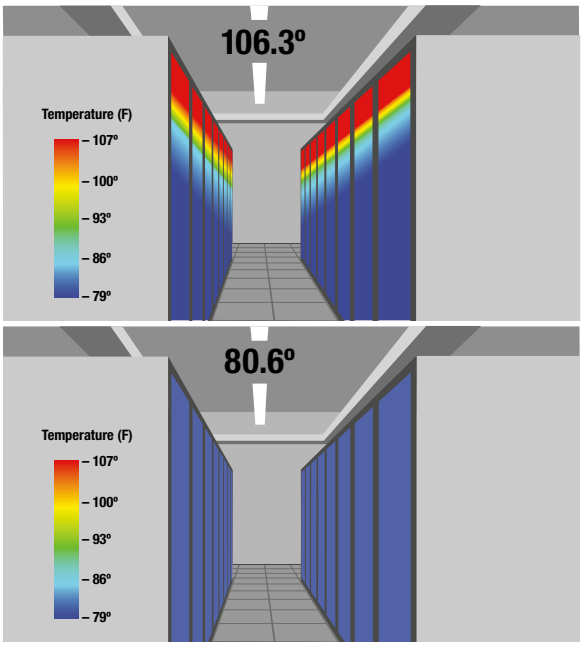
LEED V5
Ecomedes Data

COMMON MATERIALS FRAMEWORK

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

Well Building Standard™ (WELL)
Living Building Challenge® (LBC)

TEMPERATURE AND PRESSURE CONTROL ADVANTAGES



DynaMax structural grid systems provide increased pressure management, reduced leakage, and enables the best hot and cold air containment at the ceiling plane when compared to other ceiling types.

Unlike drilled hole or slotted strut ceilings, the integration of DynaMax grid and Armstrong® Ceiling Panels keeps ceiling planes closed for improved pressure and temperature control where it matters most, such as data center halls.

A 2021 Computational Fluid Dynamics (CFD) simulation showed that, on average, the top of data center cabinet equipment is approx. 26°F warmer when a slotted strut ceiling (top left) is in place and approx. 6°F warmer with drilled hole ceiling (not shown) than with the DynaMax structural grid systems (bottom left).

Ceiling Panels for DYNAMAX®

Square Lay-in

SUSTAIN®
High Performance
Sustainable Ceiling Systems

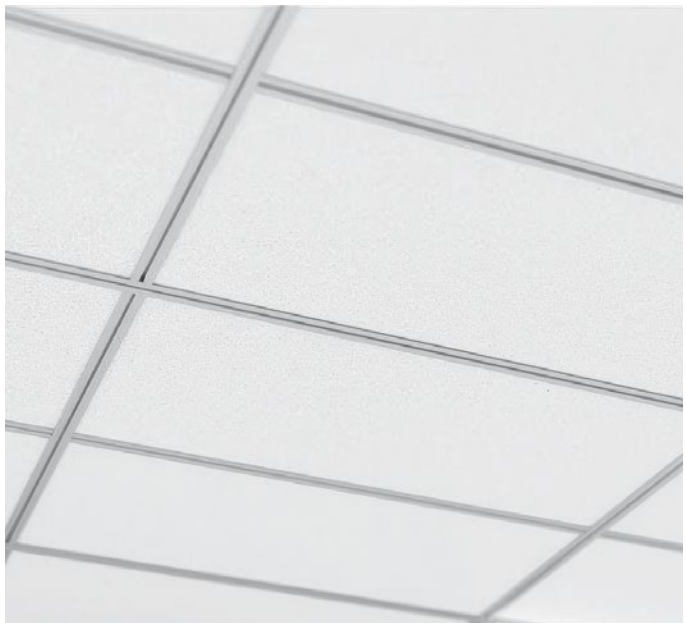
Declare.

RECYCLED CONTENT
UP TO 87%

LEED V5
Ecomedes Data

COMMON MATERIALS FRAMEWORK

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



DataZone™ panels with DynaMax® suspension system

Ceiling panels for DynaMax are specifically designed for performance, reliability, and sustainability in data center and critical application environments.

KEY SELECTION ATTRIBUTES

DataZone™, Ultima® Templok®, and Ultima® AirAssure® for DynaMax®

- DataZone, Ultima Templok, and Ultima AirAssure panels are part of the Sustain® portfolio, and meet the most stringent industry sustainability compliance standards today
- Get total noise control and floor plan versatility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics performance
- Smooth, clean, durable finish
- Mold- and mildew-resistant surface
- 30-Year Limited System Warranty against visible sag, mold, and mildew
- Made in the U.S.A. of domestic and global content
- Build America, Buy America (BABA) Act compliant

Ultima® Templok® for DynaMax®

- Saves up to 15% energy*
- Provides up to 50 BTUs/SF of passive cooling*

Ultima® AirAssure® for DynaMax®

- Factory gasketed Ultima® AirAssure® panels for DynaMax®, DynaMax® LT, and DynaMax® Plus grid reduces air leakage and contributes to annual energy savings

MetalWorks™ for DynaMax®

- CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim
- Perforated panel option available to enhance acoustical performance and design aesthetics
- Outstanding NRC with acoustical fleece or infill panel (0.70 – 0.85)
- Provides additional options when bidding data centers and structural applications
- Factory-fit ceiling panels eliminate the need to field modify panels in all standard suspension layouts

Save 40% or 50% in Tax Credits

Templok® ceilings may qualify for Investment Tax Credits (ITC) under Inflation Reduction Act of 2022, Section 48E

Learn more at armstrong.com/saveontemplok

Ceiling panels are specially sized and engineered for the DynaMax® suspension systems and must be used with these systems. These panels do not fit in other suspension systems.

COLORS

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

Painted

DataZone™ for DynaMax®

White (WH)

Black (BK)

Ultima® AirAssure® for DynaMax®
Ultima® Templok® for DynaMax®

White (WH)

MetalWorks™ for DynaMax®

Whitelume (WHA)

Custom Colors Available**

For custom options contact ASQuote, ASQuote@armstrong.com

PERFORATION OPTIONS

(1:2 scale shown)

MetalWorks only

M1 (Unperforated)

M19

DETAILS



1. DataZone™ for DynaMax®
2. Ultima® AirAssure® for DynaMax®
3. MetalWorks™ for DynaMax®
4. Ultima® Templok® for DynaMax®
5. Back of Ultima Templok for DynaMax

* Data measured in lab tests, building energy modeling software, and field installations. Results may vary.

** MetalWorks color options

SUSPENSION SYTEMS – DATA CENTERS

TechLine 877 276-7876
armstrong.com/datacenter

Armstrong® World Industries

Ceiling Panels for DYNAMAX®

Square Lay-in

SUSTAIN® High Performance Sustainable Ceiling Systems

Declare.

RECYCLED CONTENT UP TO 87%

LEED V5 Ecomedes Data

COMMON MATERIALS FRAMEWORK

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

SUSPENSION SYTEMS – DATA CENTERS

VISUAL SELECTION

PERFORMANCE Dots represent high level of performance.

Edge Profile		Item No.	Dimensions (Inches)	Sound Absorption (NRC)	+	Sound Blocking (CAC)	=	Total Acoustics[1] (NRC & CAC)	Fire Performance	Light Reflect*	Bio-Block Mold & Mildew Protection	Humi-Guard+ Sag Resistant	Certified Low VOC Emissions	Durability	Recycled Content	Recycle Program	30-Yr Warranty
DataZone™ for DYNAMAX® Square Lay-in	new	1508	23-1/4 × 23-1/4 × 3/4"	0.75		35		BETTER	Class A	0.82	•	•	•	Std	•	•	•
	new	1508BK	23-1/4 × 23-1/4 × 3/4"	0.75		35		BETTER	Class A	N/A	•	•	•	Std	•	•	•
	new	1509	23-1/4 × 47-1/4 × 3/4"	0.75		35		BETTER	Class A	0.82	•	•	•	Std	•	•	•
	new	1509BK	23-1/4 × 47-1/4 × 3/4"	0.75		35		BETTER	Class A	N/A	•	•	•	Std	•	•	•
	new	1564	23-1/4 × 23-1/4 × 1"	0.85		30		N/A	Class A	0.82	•	•	•	Std	•	•	•
	new	1565	23-1/4 × 47-1/4 × 1"	0.85		30		N/A	Class A	0.82	•	•	•	Std	•	•	•
	new	1566	23-1/4 × 23-1/4 × 3/4"	0.90		N/A		N/A	Class A	0.82	•	•	•	Std	•	•	•
	new	1566BK	23-1/4 × 23-1/4 × 3/4"	0.90		N/A		N/A	Class A	N/A	•	•	•	Std	•	•	•
	new	1567	23-1/4 × 47-1/4 × 3/4"	0.90		N/A		N/A	Class A	0.82	•	•	•	Std	•	•	•
	new	1567BK	23-1/4 × 47-1/4 × 3/4"	0.90		N/A		N/A	Class A	N/A	•	•	•	Std	•	•	•
	new	1568	47-1/4 × 47-1/4 × 1"	0.90		N/A		N/A	Class A	0.82	•	•	•	Std	•	•	•
ULTIMA® Templok® for DYNAMAX Field Panel** Square Lay-in	new	1546TEMP	23-1/4 × 23-1/4 × 1"	0.75		39		BETTER	Class A	0.88	•	•	•	•	•	•	•
	new	1547TEMP	23-1/4 × 47-1/4 × 1"	0.75		39		BETTER	Class A	0.88	•	•	•	•	•	•	•
ULTIMA® for DYNAMAX® Border Panel** 15/16" Square Lay-in		1807	23-1/4 × 23-1/4 × 3/4"	0.75		35		BETTER	Class A	0.88	•	•	•	•	•	•	•
		1808	23-1/4 × 47-1/4 × 3/4"	0.75		35		BETTER	Class A	0.88	•	•	•	•	•	•	•
ULTIMA® AirAssure® for DYNAMAX Square Lay-in		1599	23-1/4 × 23-1/4 × 3/4"	0.75		35		BETTER	Class A	0.88*	•	•	•	•	•	•	•
		1638	23-1/4 × 47-1/4 × 3/4"	0.75		35		BETTER	Class A	0.88*	•	•	•	•	•	•	•
METALWORKS™ for DYNAMAX® Square Lay-in	M1 (Unperforated)	6345W24L48M1WHA	23" × 47"	N/A		N/A		N/A	Class A	0.75	•	N/A	•	•	•	N/A	N/A
		6345W48L48M1WHA	47" × 47"	N/A		N/A		N/A	Class A	0.75	•	N/A	•	•	•	N/A	N/A
	M19	6345W24L48M19WHA	23" × 47"	See chart on next page for acoustical information.					Class A	0.75	•	N/A	•	•	•	N/A	N/A
		6345W48L48M19WHA	47" × 47"						Class A	0.75	•	N/A	•	•	•	N/A	N/A

Ceiling panels are specially sized and engineered for DynaMax suspension systems and must be used with the systems. These panels do not fit in other suspension systems.

* Advertised values for light reflectance are applicable to white tiles only.

** Specify field and border panels together. Field panels cannot be cut.

[1] Total Acoustics® ceiling panels have an ideal combination of sound absorption and sound blocking in one product.
GOOD (NRC 0.60-0.65; CAC 35+) **BETTER** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.80+; CAC 35+)

TechLine 877 276-7876
armstrong.com/datacenter

Armstrong® World Industries

DYNAMAX® Plus

Structural Aluminum Suspension System

SUSTAIN™
High Performance
Sustainable Ceiling Systems

Declare.

RECYCLED CONTENT
UP TO 50%

LEED V5
Ecomedes Data

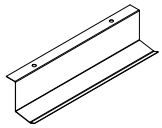
COMMON MATERIALS FRAMEWORK

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

Well Building Standard™ (WELL)
Living Building Challenge® (LBC)

ACCESSORIES FOR METALWORKS LAY-IN CEILING PANELS

6483 – MetalWorks Lay-in Perimeter Hold-down Clip for DynaMax –
Screw attaches to perimeter molding to hold thevperimeter cut metalworks panels in place. Two clips required per cut panel.



6483 – 10 PCS

8200T10 – 1" Fiberglass Infill Bag – 24 × 24 × 1"
Color – Black (gloss)

8200T10 – 12 PCS

METALWORKS ACOUSTICAL INFORMATION

	Item No.	NRC with Acoustical Fleece	NRC with 1" Fiberglass Infill
M19	6345W24L48M19WHA	0.70	0.85
	6345W48L48M19WHA	0.70	0.85



DynaMax® with MetalWorks™ Lay-in Panels in Whitelume

PHYSICAL DATA FOR DYNAMAX® SUSPENSION SYSTEMS

Material
Aluminum

Surface Finish
Baked polyester paint or powder-coated

Manufactured and tested in accordance with ASTM C635 and E3090

Face Dimension
2"

Profile
Exposed tee

Cross Tee/Main Beam Interface
Simple override

End Detail
Main Beam: Butt cut
Cross Tee: Override

Duty Classification
Heavy-duty

System Weight
2' × 2' – 1.63 LBS/SF
2' × 4' – 1.20 LBS/SF

PHYSICAL DATA FOR METALWORKS LAY-IN CEILING PANELS

Design Considerations
MetalWorks panels and DynaMax and DynaMax Plus grid are manufactured at separate facilities that use different paint systems. Colors i.e. White and Whitelume will coordinate but are not exact color matches.

Material
All MetalWorks panels: Aluminum – 0.064"

Warranty
One (1) year limited warranty for MetalWorks items.
Details at armstrong.com/warranty

PHYSICAL DATA FOR DATAZONE™, ULTIMA® AIRASSURE®, AND ULTIMA® TEMPLOK® CEILING PANELS

Material
Wet-formed mineral fiber with DuraBrite® acoustically transparent membrane and polyethylene foam (Items 1599 and 1638)

Wet-formed mineral fiber with acoustically transparent membrane (Items 1508, 1508BK, 1509, 1509BK, 1564, and 1565)

Fiberglass with DuraBrite® acoustically transparent membrane (Items 1566, 1566BK, 1567, 1567BK, and 1568)

Wet-formed mineral fiber with DuraBrite acoustically transparent membrane and metalized film with salt hydrate (Items 1546TEMP and 1547TEMP)

Surface Finish
Acoustically transparent membrane with factory-applied latex paint (Items 1508, 1508BK, 1509, 1509BK, 1566, 1566BK, 1567, 1567BK, 1568, 1564, and 1565)

DuraBrite scrim with factory-applied latex paint (Items 1599, 1638, 1546TEMP, and 1547TEMP)

Fire Performance
Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL® labeled).

Thermal Energy Storage Capacity
Stores a minimum of 50 BTUs/SF from 62°F to 83°F per ASTM C1784-20 (Items 1546TEMP and 1547TEMP).

ASTM E1264 Classification
Type A, Form A2.2, Pattern E; Fire Class A
(Items 1599, 1638, 1546TEMP, and 1547TEMP)

Type A, Form A2.2, Pattern G; Fire Class A
(Items 1508, 1508BK, 1509, 1509BK, 1564, and 1565)

Type B, Form B2, Pattern G; Fire Class A
(Items 1566, 1566BK, 1567, 1567BK, and 1568)

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.

Anti-Mold/Mildew
Ceiling tiles with BioBlock® performance resist the growth of mold and mildew on the tile surface.

VOC Emissions
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.2, 2017. This standard is the guideline for low emissions in LEED®, WELL Building Standard™, Living Building Challenge® (LBC), CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

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.

Insulation Value
1508, 1508BK, 1509, 1509BK, 1599, 1638, 1564, and 1565:
R Factor – 2.2 (BTU units); R Factor – 0.39 (Watts units)

1566, 1566BK, 1567, 1567BK, and 1568:
R Factor – 4.0 (BTU units); R Factor – 0.7 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System.
Details at armstrong.com/warranty

Twenty (20) Year Limited Thermal Energy Storage Capacity Warranty
(Items 1546TEMP and 1547TEMP)

Weight; Square Feet/Carton
1508, 1508BK, 1509, 1509BK – 1.08 LBS/SF; 48 SF/CTN
1566 – 0.44 LBS/SF; 120 SF/CTN
1566BK – 0.44 LBS/SF; 60 SF/CTN
1567, 1567BK – 0.44 LBS/SF; 122 SF/CTN
1568 – 0.44 LBS/SF; 0.44 LBS/SF; 93 SF/CTN
1599 – 1.08 LBS/SF; 12 PCS/CTN; 44 SF/CTN
1638 – 1.08 LBS/SF; 6 PCS/CTN; 44 SF/CTN
1564 - 1.0 LB/SF; 40 SF/CTN
1565 - 1.0 LB/SF; 48 SF/CTN
1546TEMP - 1.9 LBS/SF; 24 SF/CTN
1547TEMP - 1.9 LBS/SF; 16 SF/CTN

Minimum Order Quantity
1 carton

TechLine / 877 276-7876
armstrong.com/datacenter

BPCS-6953-1026

LEED® is a registered trademark of the U.S. Green Building Council; Declare® and Living Building Challenge® (LBC) are registered trademarks of the International Living Future Institute®; WELL™ and Well Building Standard™ are trademarks of the International WELL Building Institute; Axis logo and TRAYFIT™ are trademarks of Axis Lighting Inc; H.E Williams logo is a registered trademark of H.E. Williams, Inc.; JLC-Tech logo and TERALyte™ are trademarks of JLC-Tech, LLC.; Price® is a registered trademark of Price Industries; UL is a registered trademark of UL, LLC; Vode® and ZipTwo® are registered trademarks of Vode Lighting LLC; all other trademarks used herein are the property of AWI Licensing LLC and/or its affiliates © 2026 AWI Licensing LLC

Armstrong®
World Industries