



New DynaMax® LT Structural Ceilings from Armstrong Ideal for Colocation Data Centers

Architects and contractors benefit from design efficiency, enhanced structural support, simplified installation and sustainability of DynaMax® LT Structural Grid Systems integrated with new DataZone™ ceiling panels.

LANCASTER, Pa. (January 22, 2026) – Armstrong World Industries, Inc., a leader in the design and manufacture of innovative interior and exterior architectural applications including ceilings, specialty walls, and exterior metal solutions, now offers DynaMax® LT Structural Ceilings. Designed to meet the load bearing requirements of colocation data centers, DynaMax LT Structural Aluminum Suspension System integrates with new DataZone™ ceiling panels for a complete ceiling solution offering design efficiency, enhanced structural support, simplified installation, and sustainability.

“Data centers demand infrastructure systems engineered for structural integrity, thermal control, and operational efficiency,” said Dave Hovekamp, vice president, sales & marketing of WAVE, Armstrong World Industries. “Optimizing airflow management, load-bearing capability, and adaptability at the ceiling plane is critical to maintaining equipment performance, reducing energy loss, and supporting the long-term scalability of mission-critical environments.”

Like DynaMax® and DynaMax® Plus grid systems, DynaMax LT is a structural aluminum suspension system that serves as both a ceiling system and structural component by providing a suspension platform for cable trays, equipment, partitions, and containment barriers – eliminating ceiling penetrations. Installation is simplified for contractors as notched main beams eliminate measuring and cutting, nubs on accessories enable fast placement, and new splice design improves load performance and visual aesthetic. Key features include:

- Supports up to an 800 lb. point load rating using 3/8"-16 threaded rod at 48" x 48" connection points.
- Suspension system has a continuous threaded boss channel, allowing 3/8"-16 threaded rod to be installed to the suspension system at any location.
- Available in 24" x 24", 24" x 48" and 48" x 48" suspension system layouts.
- CNC override feature creates a tight fit minimizing air leakage between plenum and occupied space.
- A fully accessible system allows for future expansion and upgrades.
- Non-progressive installation gives the ability 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.

All DynaMax structural grid systems provide increased pressure management, reduced leakage, and enable superior 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 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 is in place and approx. 6°F warmer with drilled hole ceiling than with the DynaMax structural grid systems.

Ceiling panels for DynaMax are specifically designed for performance, reliability, and sustainability in data center and mission critical environments (including laboratories, hospitals, industrial warehouses/distribution centers, retail/convenience stores). New DataZone panels are part of the Sustain® portfolio and meet the most stringent industry sustainability compliance standards. DataZone panels offer Total Acoustics® performance for noise control and floor plan versatility. Made in the U.S.A. of domestic and global content, DataZone panels are Build America, Buy America (BABA) Act compliant.

DynaMax LT Structural Ceilings deliver high-performance, acoustics, sustainability, and cost efficiency backed by a 30-year limited system warranty and full ProjectWorks® Design and Pre-Construction support. With ProjectWorks, architects and designers save time and enhance visuals with 3D Revit models, layouts and budgets while contractors receive full BOMs and drawing packages which simplify bidding and installation.

For more information visit www.armstrongceilings.com/DynaMaxLT.

About Armstrong World Industries

Armstrong World Industries, Inc. (AWI) is an Americas leader in the design and manufacture of innovative interior and exterior architectural applications including ceilings, specialty walls, and exterior metal solutions. For more than 160 years, Armstrong has delivered products and capabilities that enable architects, designers, and contractors to transform building design and construction with elevated aesthetics, acoustics, and sustainable attributes. With \$1.4 billion in revenue in 2024, AWI has approximately 3,800 employees and a manufacturing network of 22 facilities, plus seven facilities dedicated to its WAVE joint venture. In 2025 and 2026, Armstrong's extensive environmental efforts earned it the designation as one of [America's Greenest Companies by Newsweek](#).

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