



Armstrong®
World Industries

Press Release
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New DynaMax® Plus Structural Ceiling Grid System from Armstrong Allows for Longer Spans While Providing Greater Load-Carrying Capacity

Provides an ideal suspension platform for cable trays, partitions, hot and cold aisle containment barriers, and other equipment in data centers



LANCASTER, Pa.—Armstrong World Industries has introduced DynaMax® Plus, a structural ceiling grid system that combines the accessibility and flexibility benefits of existing Armstrong® DynaMax® grid with greater load carrying capacity. It also provides greater construction efficiency due to the capability of 6' and 8' rod drop spacing compared to typical 4' spacing.

The new grid system offers a structural solution to suspending mid-span loads up to 1,090 lbs. at L/360, and up to 1,800 lbs. for static point loads. In addition, the system's increased threaded rod drop spacing reduces installation time and materials and saves money by eliminating up to one half of the threaded rod drops needed for 4' hanging spans.

Fully Accessible System

Available in 2' x 2', 2' x 4', 4' x 4', and other module sizes, the system is fully accessible allowing for future expansions and upgrades. Cross tees not bearing any load are removable for plenum access without compromising the structural integrity of the system.

[DynaMax Plus](#) structural grid can be used selectively in project layouts where heavy loads need to be suspended from the grid. Conventional acoustical grid and panels can be easily integrated with the structural grid where load carrying is not required. This creates an easy and smart approach to providing strength where needed.

Reduces Installation Time

DynaMax Plus structural grid is installed using the same process as existing DynaMax grid with notched grid members. The 6' spacing allows for direct attachment to steel joists or pre-cast concrete tees. In addition, spanning 6' or more eliminates the needs for slotted strut channel at deck/roof level and creates more space for critical MEP components.

The new grid system is part of the Armstrong Sustain® portfolio of products that meet the most stringent industry sustainability compliance standards today. In addition to data centers, other applications for the structural grid system range from laboratories and clean rooms to broadcast studios and casinos.

For more information about DynaMax Plus, visit armstrongceilings.com/dynamaxplus.

If help is needed, reach an Armstrong TechLine expert at armstrongceilings.com/techline.

About Armstrong World Industries

Armstrong World Industries, Inc. (AWI) is a leader in the design and manufacture of innovative ceiling and wall system solutions in the Americas. With \$1.3 billion in revenue in 2023, AWI has approximately 3,100 employees and a manufacturing network of 16 facilities, plus seven facilities dedicated to its WAVE joint venture.

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