COOL SHIELD® Modular Partitions

Configurable Space Separation for Data Centers



Cool Shield® Modular Partitions

Modular, easy-to-install partition system for data centers that creates internal spaces within the data hall. They provide flexible and efficient separation of hot and cold airflows, enhancing thermal performance and reducing energy consumption. Cool Shield® Modular Partitions are designed to minimize labor, simplify installation, accommodate multiple panel types and thicknesses, and integrate with Armstrong data center solutions.

KEY SELECTION ATTRIBUTES

- Universal track architecture used at both floor and ceiling for simplified installation
- Accommodates multiple panel types, thicknesses and heights through a composite post design
- Concealed hardware for a clean, finished appearance
- Modular assembly eliminates the dust, debris and contamination risks
- Provides efficient separation of hot and cold airflows, enhancing thermal performance
- Fixed and floating connections accommodates ceiling deflection and height variation
- Compatible with Armstrong data center solutions
- Supports growth, reconfiguration, and evolving facility requirements
- Modular panel system provides faster installation and future adaptability
- This product can be adjusted to comply with Build America, Buy America (BABA) requirements. Modifications to pricing and lead times may apply. Contact your local sales representative for additional information

COLORS

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

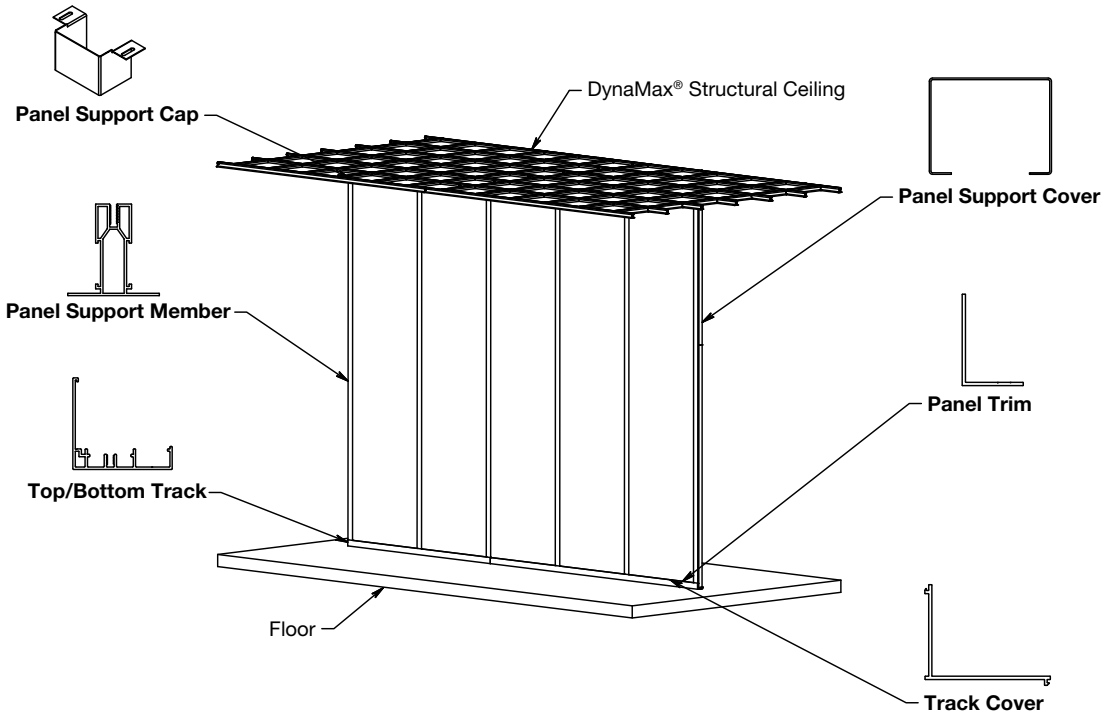
Silver

TechLine 877 276-7876
armstrong.com/coolshield

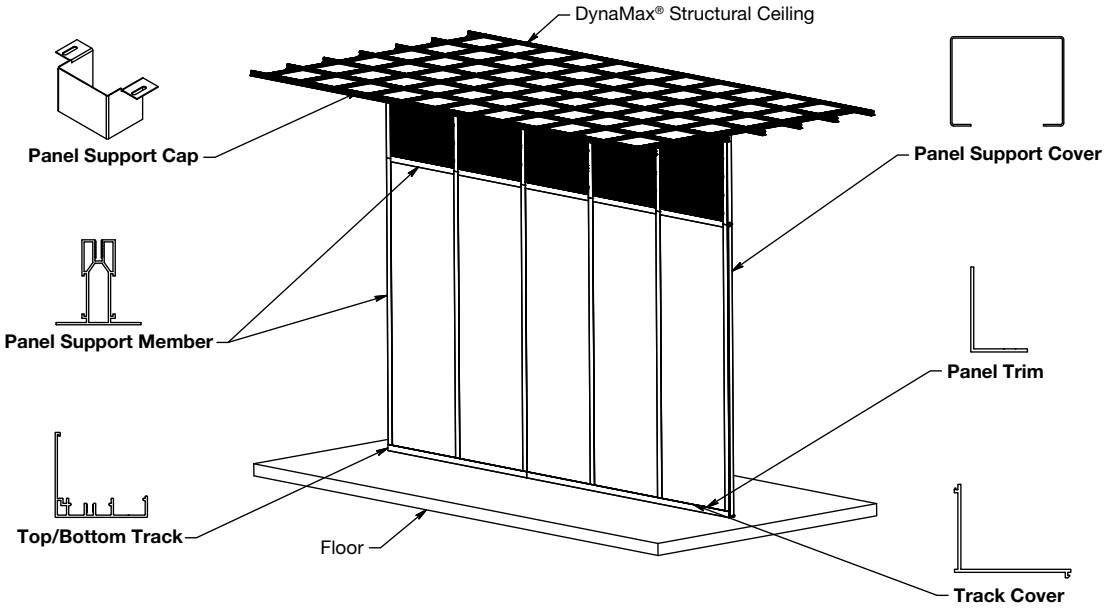
Armstrong® World Industries

MODULAR PARTITIONS LAYOUTS

Vertical Panel Support Member Installation



Vertical & Horizontal Panel Support Member Installation



COOL SHIELD® Modular Partitions

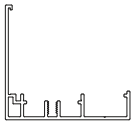
Configurable Space Separation for Data Centers

MODULAR PARTITIONS

MODULAR PARTITIONS COMPONENTS

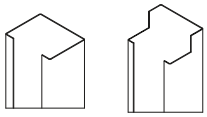
TOP AND BOTTOM TRACK

Attaches to the structural grid and floor, Panel Support Member also attaches to this



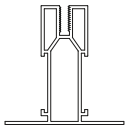
PANEL SUPPORT COVER

Screw attached to back of the Panel Support Member to hold the panels in place



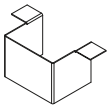
PANEL SUPPORT MEMBER

The primary support member for the system and the panels; can be used in the vertical or horizontal position



PANEL SUPPORT CAP

Attaches/covers to the top of the Panel Support Member used in the vertical position



TRACK COVER

Snaps into the top and bottom track and panels rest on it; runs between the Panel Support Members used in the vertical position



VERTICAL BRACKET

Used with the Panel Support Member in the vertical position to attach it to the top/bottom track



PANEL TRIM

Screw attached to the Track Cover; also used between Panel Support Members



HORIZONTAL BRACKET

Used with the Panel Support Member in the horizontal position to attach it to the vertical support member



PANELS

Available in:

Polycarbonate Panels

8mm in Opal or Clear

16mm in Opal or Clear

Metal Mesh Panels

PHYSICAL DATA

Material
Aluminum

Surface Finish
Powder-coated

Warranty
Details at armstrong.com/warranty
For inquiries, contact ISQuote@armstrong.com

LEED® is a registered trademark of the U.S. Green Building Council; all other trademarks used herein are the property of AWI Licensing LLC and/or its affiliates © 2026 AWI Licensing LLC

Armstrong® World Industries