



# ACOUSTI-SEAL® LEGACY® & PREMIER®

Movable Walls

# ABOUT MODERNFOLD INC.

Intelligent solutions for sophisticated interior design requirements

Satisfy a variety of needs from basic sight separation to sight and sound separation with Modernfold's line of durable, high-quality space division products.

## WHY USE MOVABLE WALLS?

- Flexibility
- Space Management
- Sound Control
- Traffic Control and Security Enhancement
- Energy Conservation
- Revenue Generation

Since 1925, Modernfold has produced space division products to facilitate optimal space utilization. Modernfold designs, manufactures, and services Movable Walls, Movable Glass Walls, and Accordion Doors.

- Movable walls transform interior space requirements to meet current and future demands.
- They increase revenue potential by allowing room size to be tailored to each event.
- A large meeting room can be transformed into several small rooms with minimal setup time.

- Maximize space utilization.
- Sound control through a wide range of acoustic ratings without fixed wall constraints.
- Smart Track™—available on all Acousti-Seal® single panel systems—simplifies setup, eliminates operator errors, and shortens setup time. Steel track is durable and reliable, as it provides low cost of ownership and less downtime.

Modernfold is a dormakaba group Company. With Modernfold and DORMA Hüppe Movable Walls, dormakaba is the world's largest manufacturer of movable walls.

## A JOB DONE RIGHT

With its reliable, dependable products and the industry's strongest, most dependable distribution system, Modernfold provides confidence that the job is done right. Modernfold factory-certified installation and maintenance services are available throughout North America and in select international markets.



## PRODUCT PORTFOLIO

ACOUSTI-SEAL® ENCORE®

ACOUSTI-SEAL® LEGACY®

ACOUSTI-SEAL® PREMIER®

ACOUSTI-CLEAR®

COMFORTDRIVE®

MOVABLE GLASS WALL SYSTEMS

ACCORDION DOORS/PARTITIONS

Contact your local Modernfold Distributor for product selection and layout consultation.

To locate your Modernfold distributor or for additional information, visit [www.modernfold.com](http://www.modernfold.com) or call 800-869-9685.

# ACOUSTI-SEAL® MOVABLE WALLS

MODERNFOLD'S ACOUSTI-SEAL®, THE INDUSTRY STANDARD, IS OFFERED IN THREE CONFIGURATIONS.

## SINGLE PANEL

Single panel systems provide the ultimate in versatility and flexibility, offering multiple room setups, changes in the location of pass doors and work surfaces, and remote storage.

- Solves complex layout challenges.
- Accommodates wide variations in floor conditions.
- Simplifies setup and storage with the use of the Smart Track™ suspension system.
- Often used in conference, multi-purpose, hospitality, and convention facilities.



## PAIRED PANEL

Center-hung, paired panels are quick and easy to set up and perfect for straight-line openings.

- Hinged together in groups of two.
- Suited for applications that require exceptional durability, acoustic control, and frequent use.
- Panels are designed to be stored at either or both ends of an opening.
- Frequently used to divide classrooms, meeting rooms, or office spaces.



## CONTINUOUSLY HINGED

Continuously hinged panels are connected together in a train, extending as one complete unit. Electrically operated for straight-line openings and simple operation.

- Quick and effortless setup.
- SOSS® Invisible Hinges or Heavy-Duty Barrel Hinges (lifetime guarantee).
- Keyed switches prevent unauthorized operation and integrated safety systems ensure safe operation for electric partitions.
- Electrically operated partitions are frequently used in school gyms, classrooms, hotels, and board rooms.









# ACOUSTI-SEAL®

## OPTIONS AT A GLANCE

As an industry leader in the movable wall concept, Modernfold delivers the highest-quality, custom wall solutions from start to finish. Modernfold operable partitions provide customers with endless possibilities for their environments. Through Acousti-Seal® Legacy® and Acousti-Seal® Premier®, Modernfold brings innovation, creativity, and vision to interior architectural design.

### ACOUSTI-SEAL® LEGACY®

Acousti-Seal® Legacy® movable wall systems offer a welded steel construction. This product line, which has been in the industry for about 50 years, has been top-notch in acoustics, performance, durability, and longevity.



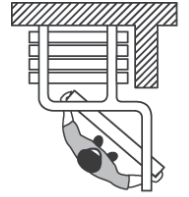
### ACOUSTI-SEAL® PREMIER®

The Acousti-Seal® Premier® series is an economical product that offers a truly custom design appearance. With a wide array of finish options, including wood veneer and plastic laminate, Premier® can match existing construction or reflect a true, individualized look.





# SINGLE PANEL PARTITIONS



For the largest openings, remote pocket storage, and complex partition layouts, the single panel is the operable partition of choice.

## ADVANTAGES

- Offers the greatest versatility for space division needs.
- Solves complex layout challenges.
- Satisfies high ceiling requirements with custom-engineered panels up to 30-feet high.
- Simplifies setup and storage with the use of the Smart Track™ suspension system.
- One-piece panels accommodate wide variations in floor conditions.



Single Panel Model	Legacy®	Premier®	Legacy® Fire Rated
Nominal Panel Thickness	3-inch	3-inch	3-inch
Operation	Single Panel Manual	Single Panel Manual	Single Panel Manual
Frame	Roll Formed & Welded 16-gage Steel	Roll Formed & Welded 18-gage Steel	Roll Formed & Welded 16-gage Steel
Skin/Face Options	Steel	Gypsum, MDF Board	Steel
Finish Options	Vinyl, Heavy Duty Vinyl, Carpet, Fabric, Customer's Own Material*, Full Height Marker/Tack Board, Uncovered	Vinyl, Heavy Duty Vinyl, Carpet, Fabric, Customer's Own Material*, Full Height Marker/Tack Board, Plastic Laminate, Wood Veneer, Uncovered	Vinyl, Heavy Duty Vinyl, Carpet, Fabric, Customer's Own Material*, Full Height Marker Board, Uncovered
Maximum Width	Unlimited	Unlimited	Unlimited
Maximum Height*	30-feet	28-feet	30-feet
STC	52, 50, 28	50, 47, 28	52, 50
Hanging Weight (STC-dependent)	6 to 11 lb/sq ft	6 to 8 lb/sq ft	8 to 11 lb/sq ft

+ Custom-engineered solutions available beyond maximum height | \* Customer's Own Material – must be approved by factory

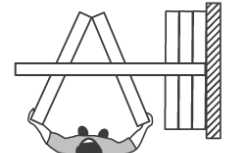
\* Consult your local Modernfold distributor for custom options including finishes, cutouts, and alternative platforms for pocket space restraints.







# PAIRED PANELS PARTITIONS



The center-hung, paired panels are perfect for straight-line openings and offer quick and easy operation. For convenient and economical space division, the paired panel is the ideal solution.

## ADVANTAGES

- Offers the most efficient movable wall option.
- Quick setup with movement of two panels at a time.
- Smooth operation.
- Economical overhead support of straight-line track.
- Simple automatic bottom seals for efficient operation.
- SOSS® invisible hinges available.



Quickly and easily convert a classroom to meet fluctuations in class size.

Paired Panel Model	Legacy®	Premier®	Legacy® Fire Rated
Nominal Panel Thickness	3-inch	3-inch	3-inch
Operation	Paired Panel Manual	Paired Panel Manual	Paired Panel Manual
Frame	Roll Formed & Welded 16-gage Steel	Roll Formed & Welded 18-gage Steel	Roll Formed & Welded 16-gage Steel
Skin/Face Options	Steel	Gypsum, MDF Board	Steel
Finish Options	Vinyl, Heavy Duty Vinyl, Carpet, Fabric, Customer's Own Material*, Full Height Marker/Tack Board, Uncovered	Vinyl, Heavy Duty Vinyl, Carpet, Fabric, Customer's Own Material*, Full Height Marker/Tack Board, Plastic Laminate, Wood Veneer, Uncovered	Vinyl, Heavy Duty Vinyl, Carpet, Fabric, Customer's Own Material*, Full Height Marker Board, Uncovered
Maximum Width	Unlimited	Unlimited	Unlimited
Maximum Height*	18-feet	18-feet	18-feet
STC	52, 50, 28	50, 47, 28	52, 50
Hanging Weight (STC-dependent)	6 to 11 lb/sq ft	6 to 8 lb/sq ft	8 to 11 lb/sq ft

\* Custom-engineered solutions available beyond maximum height | \* Customer's Own Material – must be approved by factory

\* Consult your local Modernfold distributor for custom options including: finishes, cutouts, and alternative platforms for pocket space restraints.





# ELECTRICALLY OPERATED PARTITIONS



Electrically operated, continuously hinged panels facilitate quick setup time and provide efficient and convenient separation. Electric operation offers automatic setup without the need to manually move the partitions into place.

Fully automated movable walls make space management easy, effective, and smart.

All Modernfold electric partitions are designed for simultaneous activation by two keyed switches to facilitate safe operation. Operational safety is vitally important to Modernfold. Modernfold is serious about safety. In addition to the standard built-in mechanisms, a variety of custom options are available. For example, Modernfold's innovative Presto® Package safety system provides convenient touchpad automation and several safety features, including heat sensitive touch pads, infrared safety systems, wireless safety noses, pocket sensors, and motion monitoring.

## ADVANTAGES

- Automatic, electric operation allows for quick separation.
- Keyed switches prevent unauthorized operation.
- Integrated safety systems ensure safe operation.
- One-piece panels are available on continuously hinged partitions up to 28-feet tall.
- SOSS® Invisible Hinges available.



Continuously Hinged Model	Legacy® Electric	Premier® Electric
Nominal Panel Thickness	3-inch	3-inch
Operation	Continuously Hinged Electric	Continuously Hinged Electric
Frame	Roll Formed & Welded 16-gage Steel	Roll Formed & Welded 18-gage Steel
Skin/Face Options	Steel	MDF Board
Finish Options	Vinyl, Heavy Duty Vinyl, Carpet, Fabric, Customer's Own Material*, Full Height Marker/Tack Board, Uncovered	Vinyl, Heavy Duty Vinyl, Carpet, Fabric, Customer's Own Material*, Full Height Marker/Tack Board, Plastic Laminate, Wood Veneer, Uncovered
Maximum Width	Unlimited	Unlimited
Maximum Height*	28-feet	24-feet
STC	52, 50, 28	50, 47
Hanging Weight (STC-dependent)	6 to 11 lb/sq ft	7 to 8 lb/sq ft

\* Custom-engineered solutions available beyond maximum height | \* Customers Own Material – must be approved by factory

\* Consult your local Modernfold distributor for custom options including: finishes, cutouts, and alternative platforms for pocket space restraints.









## SAFETY AND SUSTAINABILITY

Modernfold goes above and beyond to offer solutions that enhance the safety and security of a building.

### FIRE RATED PARTITIONS

- Available in single and paired panel configurations.
- One-hour and two-hour UL® fire ratings.



### GREEN BUILDING REQUIREMENTS

- Recycled and recyclable content of products available upon request.
- Custom reports available for each installation.
- Custom products with custom contents meet the most stringent requirements.







## ACOUSTICAL CONTROL

Today, acoustical control is a critical factor in virtually every type of environment. It's important when choosing an operable partition system to consider not only the space and configuration of your application and how the wall operates, but also to check out the wall's acoustical performance.

The right wall system, in conjunction with complementing architectural elements, can help produce excellent acoustical control.

- Sound control designed for specific room environment.
- Independent laboratory testing.
- Acoustic ratings up to 52 STC.

When choosing a space division product, questions related to the room-to-room noise reduction requirements must be answered.

- What degree of acoustical control will you need?
- What does it take to attain it?
- Which wall system is better for your needs?
- What are the architectural elements of the project with which I should be concerned?

Is there a need for the operable partition to provide a sound absorbing surface? Modernfold offers a guide titled, *Making a Sound Decision in Movable Walls*, which is designed to answer these and many other questions. To obtain a copy of this brochure or if you have questions, email us at [info@modernfold.com](mailto:info@modernfold.com) or call 800-869-9685.



## OPTIONS AND ACCESSORIES

Give your space a unique, individualized appearance with a wide variety of options and accessories.

### WORK SURFACES

- Marker boards and tack boards available with no vertical trim.
- Standard 4'x4' and full height or custom sizes available.

### POCKET DOORS

- Acoustic and non-acoustic solutions to conceal panel storage areas.
- Prefabricated with jambs and hardware installed.
- Pre-finished with all available finish options or uncovered for field finishing.

### PASS DOORS

- Matching construction.
- Single and double configurations.
- Acoustical control.
- One-hour UL® fire ratings available.
- ADA-compliant hardware available.
- Optional window openings.
- Door viewer.

### WINDOW OPTIONS

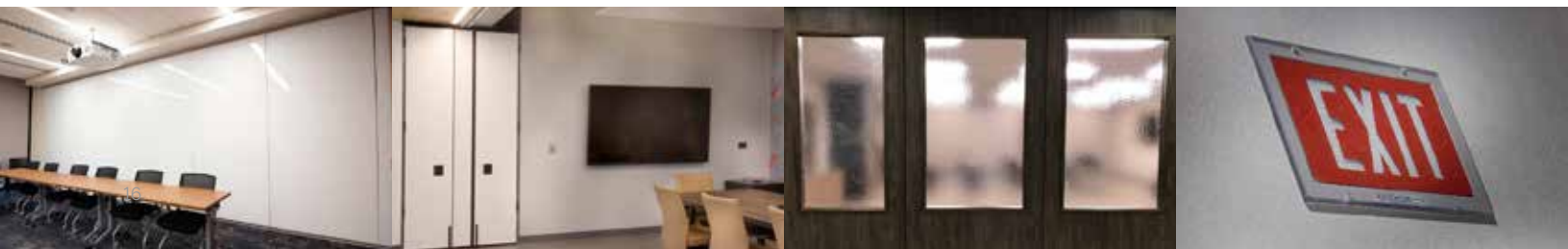
- Full height or partial height.
- Factory glazed.
- Custom cutouts for field glazing.

### ACCESSORIES

- Chair rail.
- Push plates.
- Recessed exit signs.
- Key-locking foot bolt.

### SPECIAL LAYOUTS

- Sloped floors.
- Floors with risers.
- Sliding partitions.
- Segmented walls (curved layouts).







## FINISH OPTIONS AND AESTHETICS

Appeal to the aesthetic and performance needs of your space.



### FINISH OPTIONS

- Standard-weight vinyl wall covering.
- Heavy-duty vinyl wall covering.
- Woven fabrics.
- Ribbed wall carpeting.
- Wood veneers.
- Plastic laminates.
- Customer's Own Material.
- Uncovered for field finishing.



### SKIN OPTIONS

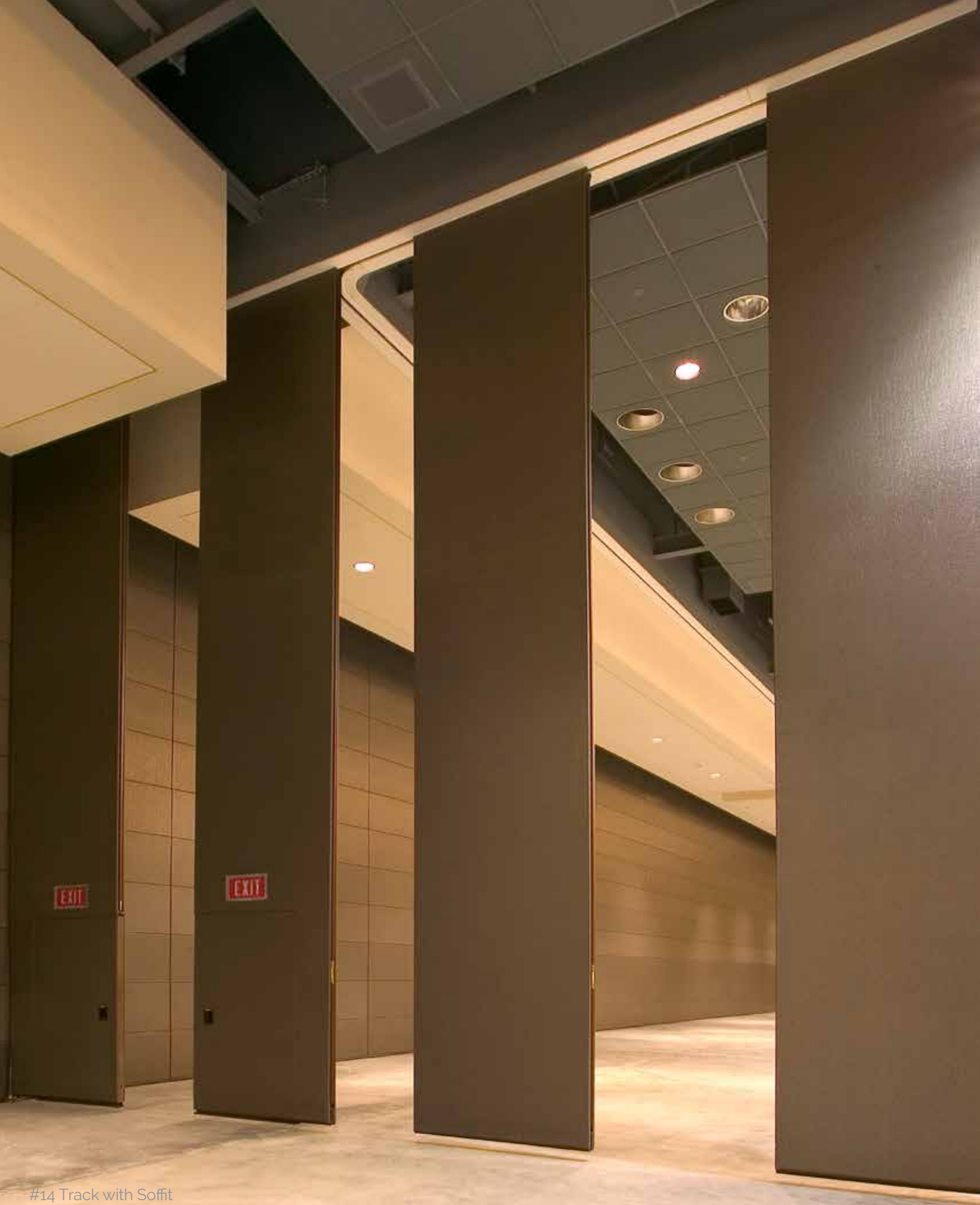
- Steel skins available 21-gage.
- Genuine wood veneer MDF.
- NAUF MDF board.



### SKIN TREATMENTS

- Perforated steel skins.
- Resilient padding.
- Full-height marker boards.
- Partial-height marker boards.





#14 Track with Soffit

# HIGH PERFORMANCE, DURABLE SUSPENSION SYSTEMS.

Modernfold takes pride in the reliability and durability of its all-steel suspension systems. The #14 and #17 are proven to last a lifetime. Smart Track™ technology, in conjunction with a durable steel suspension, offers easy operation and low maintenance. Satisfy a variety of needs from basic sight separation to sight and sound separation with Modernfold's line of durable, high-quality space division products.

## SMART TRACK™

Modernfold continues to expand the programming capabilities of the #14 and #17 steel track and trolley systems. Solve even the most complex switching challenges without the added expense and maintenance requirements of electric or pneumatic switches. Designs provide added staging and sorting abilities while reducing operational confusion, setup costs, and trolley stress.



#14 Steel Track

## MULTI-DIRECTIONAL SYSTEMS

The RT200 right angle suspension system—available up to 20-feet tall—provides an alternative where grid layouts are a must. The RT100 right angle suspension system is available for heights up to 16-feet.



#17 Steel Smart Track™

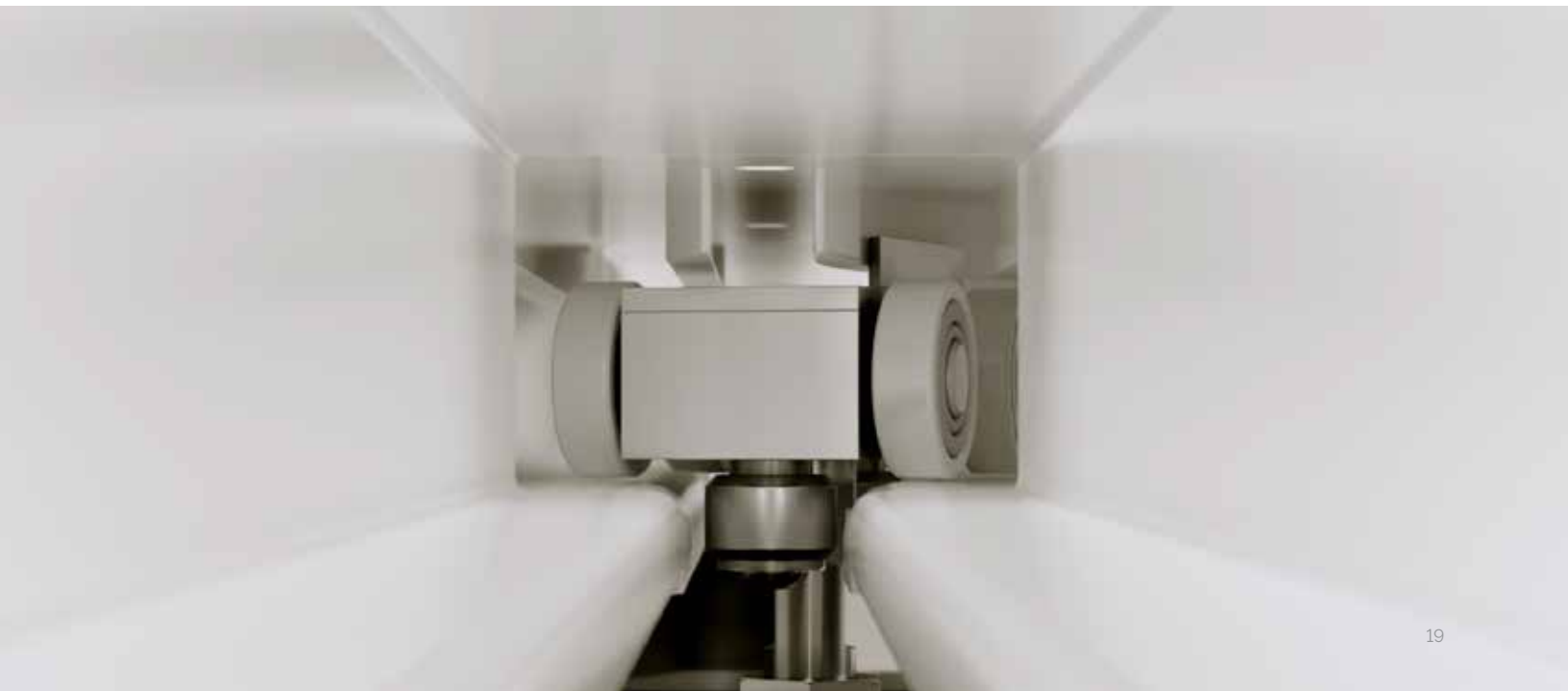
## SMART TRACK WARRANTY

20 years on #14 Track

5 years on #17 Track



RT200/RT100 Aluminum Track





215 West New Road  
Greenfield, IN 46140

Tel: 800-869-9685

Email: [info@modernfold.com](mailto:info@modernfold.com)  
Website: [www.modernfold.com](http://www.modernfold.com)