Expansion Joints

architectural | parking | waterproof | seismic | fire rated
1960... The year MM Systems Corporation was founded on the basic premise that quality products and service matter. Since 1960, MM Systems has provided engineered solutions for expansion joint and fire barriers on tens of thousands of projects worldwide. In fact, on every continent.
Whether design-building a parking structure, stadium or providing wind drift joints for 90-mph sandstorms in Dubai, MM has the expertise to get the job done.

architectural / interior joints

**Pan Joint Systems**
Seismic pan system accommodates most flooring materials and vertically displaces during extreme movement or seismic events.

- **Recessed Pan Cover**
  - Accepts most flooring
  - Accommodates multi-directional movement

- **Seismic Centering Bar**
- **Aluminum Base Frame**

**Movement** 2.5°-14.5°

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**No Bump Floor Cover Systems**
ADA-compliant styles handle thermal and seismic movement while eliminating problematic bumps.

- **Recessed Center Plate**
  - Standard: Aluminum
  - Options: Stainless, Brass, Bronze

- **Recessed Extension Plate**
- **Heavy Duty Centering Bar**
- **Aluminum Base Frame**

**Movement** 0°-24°

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**Heavy Duty Floor Cover Systems**
Durable, heavy duty designs are engineered for punishing load environments while providing a variety of frame styles and movement capabilities.

- **Heavy Duty Plate**
  - Standard: Aluminum
  - Options: Stainless

- **Heavy Duty Centering Bar**
- **Aluminum Base Frame**

**Movement** 1°-27°

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**Surface Mount Metal Cover Systems**
Surface mount systems do not require costly blockouts and are available in a wide range of sizes, movement ranges and styles.

- **Hinged Safety Cover Plate**
  - Heavy Duty Aluminum
  - Slip Resistant Raised Profile
  - Accommodates vertical offsets

- **Anchor Plate**
  - Mounted on High Side
  - Slip Resistant Raised Profile
  - Mounted with Insert Anchors

- **Aluminum Base Frame**

**Movement** 0°-27°

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**Seismic Floor Cover Systems**
Engineered floor cover systems provide seismic movement capability, durability and a wide range of size and style combinations.

- **Seismic Cover Plate**
  - Standard: Aluminum
  - Options: Stainless, Brass, Bronze

- **Seismic Centering Bar**
- **Aluminum Base Frame**

**Movement** 0°-27°

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**Classic Cover Systems**
Cover systems feature variable pocket frames and receivers to accommodate center slide plate.

- **Flush or Recessed Aluminum Cap Plate**
- **Aluminum Cover Side Plate**

- **Aluminum Base Frame & Center Plate Support**

**Movement** 0°-6°

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Find additional styles at [www.mmsystemscorp.com](http://www.mmsystemscorp.com) 800.241.3460
Flushline Systems
Single and dual flush-gasketed systems provide needed movement ranges in flat, no-bump applications in a wide range of decorator colors.

Flexible Wall & Ceiling Systems
Architectural aluminum frames with Elastoprene® seals in designer colors provide generous movement ranges without sacrificing appearance.

Vertical Sealing Systems
Vertical watertight seismic and snap-locked into two aluminum frames.

Seismic Metal Wall Cover Systems
Engineered wall covers provide seismic movement in a wide range of sizes, style and finishes.

Metal Wall & Ceiling Systems
Architectural aluminum wall and ceiling systems are available in a wide variety of materials, finish options and movement ranges.

Roof Joint Systems
Aluminum and Elastoprene elastomeric systems accommodate thermal and seismic movement transitions and provide moisture resistance.
LokCrete Membrane System
Waterproof Elastoprene® membrane seal with impact-absorbing LokCrete® elastomeric concrete header.

- Elastoprene® Rubber Seal
  - ADA Compliant
  - Load transfer holes in wing
  - Continuous waterproof membrane

- LokCrete® Elastomeric Concrete
  - Hard, elastic, abrasion resistant
  - Flexes with deck loads

- Steel Spike Pin Connector Holes

- Impact Dampering Bulkhead

Armored Strip Membrane System
Continuous Elastoprene® seal and stainless steel armored edge with impact-absorbing LokCrete® elastomeric concrete header.

- LokCrete® Elastomeric Concrete
  - Hard, elastic, abrasion resistant
  - Flexes with deck loads

- Stainless Steel Retaining Cap

- Continuous Locking Wing Seal

- Aluminum Anchor Frame
  - Load transfer holes
  - Monolithic bond to concrete deck

- Fabric Reinforced Rubber Gutter

Epoxy Bonded Sealing System
Elastoprene® rubber seal epoxy bonded to structural concrete joint opening creating a waterproof system.

- Elastoprene® Rubber Seal
  - ADA Compliant
  - Accommodates complex miters
  - Vacuum compressed for ease of installation
  - Narrow sight line

- High Strength Epoxy Adhesive

- Chamfer Joint Opening Edge

StadiaSeal System
Multi-polymer Rubber Seal Epoxy Bonded to joint openings in stadium tread and riser seating bowl areas.

- Elastoprene® Rubber Seal
  - ADA Compliant
  - Accommodates complex miters
  - Vacuum compressed for ease of installation
  - Narrow sight line

- Vacuum compressed for ease of installation
  - Narrow sight line

- High Strength Epoxy Adhesive and Ribbed Sidewall Design

- Heat Welded Transitions

Split Slab Membrane System
Heavy-duty aluminum frame with continuous locking Elastoprene® seal for waterproof split-slab applications.

- Stainless Steel Retaining Cap

- Continuous Locking Wing Seal

- Stainless Retaining Cap

- Topping Slab or Paver System

- Continuous Waterproofing Membrane

- Deck Membrane (by others)

- Aluminum Frame

- Slab Angle (Variable Height)

- Epoxy Anchor System

- Rubber Lock Down Panel
  - Metal Reinforced
  - Non-Slip Serrated Surface
  - Ultimate durability for loading docks, ramps, bridges, fork trucks, snow plows and busses

- Polyurethane Edge Void Sealing

ElastLok Membrane System
Metal reinforced rubber lock down panels with continuous Elastoprene® membrane seal.

- Elastoprene® Rubber Seal
  - ADA Compliant
  - Continuous waterproof wing set in bedding compound

- Metal Reinforced

- Non-Slip Serrated Surface

- Rubber Lock Down Panel

- Enhanced durability for loading docks, ramps, bridges, fork trucks, snow plows and busses

- Polyurethane Edge Void Sealing

Find additional styles at www.mmsystemscorp.com 800.241.3460
Rubber Safety Cover System
Dual hinged aluminum cover with impact absorbing rubber nosing pads that accommodates vertical offsets in concrete decks.

Hinged Safety Cover System
Aluminum cover with integral hinge to accommodate vertical offsets in concrete decks.

Seismic Slide Plate System
Heavy-duty metal slide plate system for wide joints with multi-directional movement.

Cast-In Seismic System
Cast-in-place heavy-duty metal seismic system for post-tensioned concrete decks.

Surface Mount Seismic Cover System
Heavy-duty surface mounted seismic metal cover for wide joints without blockouts.

ColorJoint Silicone Sealing System
Engineered silicone sealant factory bonded to a rectangular polyurethane backer support system.

Find additional styles at www.mmsystemscorp.com 800.241.3460
Aesthetics, innovation and durability are the hallmark of MM’s line of floor, wall, ceiling and roof joint cover systems including fire-rated, no-bump and heavy-load designs capable of thermal, seismic and wind-sway movement.

Joint sealing systems designed to meet the rigorous demands of parking structures, stadiums and other open-air structures. Engineered options include systems that are waterproof, fire-rated, ADA compliant, and capable of thermal, shear and seismic movement.

Fire barrier systems engineered and tested to current standards and code requirements. Ratings include 2, 3 and 4-hour endurance. Seismic fire barriers accommodate multidirectional movement including longitudinal sheer. Vertical and horizontal systems include chase and plenum designs.

SVG is the hub of a strategic alliance of design and consulting firms, experienced installation contractors, and MM Systems. This powerful coalition offers a single-point, sole-source responsibility package of consulting, design development, manufacturing, installation and maintenance services.

Visit our Web Site at www.mmsystemscorp.com or Call Toll Free 800.241.3460