INTERIOR EXPANSION JOINT SYSTEM

FOR WALLS AND CEILINGS

ACCOMMODATES SEISMIC MOVEMENT (UP TO ±100%)

LIGHTWEIGHT, THIN, CLEAN LOOK

BLENDS IN WITH SURROUNDING CONSTRUCTION
Seismic Expansion Joint System for INTERIOR WALLS & CEILINGS

- No exposed fasteners
  - Clean, sharp look

- Tapered for seamless tape/feather & paint
- Cover flush with adjacent construction

- Narrow channels for micro movement (thermal & wind)
  - Minimal sightline

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  - Easily blends into surrounding wall

- Full multi-directional movement
  - Ideal for locations of high seismic activity
  - Max open of 72"

- Available from 4" to 36" nominal joint sizes
- Secure Dual-Lock technology
  - Primary safety system
- Secondary safety system as fail-safe

- Lightweight aluminum composite panel
  - Economical
  - Easy to install
  - Primed at factory for field paint

- Backup cable safety tethers
- Safety shockcord & S-hooks
  - Secondary safety system as fail-safe

- Easy to reengage after seismic activity
- Full multi-directional movement
  - ±100% expansion/contraction, lateral and vertical shear

- Lightweight aluminum composite panel
  - Secondary safety system as fail-safe
- Full multi-directional movement
  - Primary safety system

- No exposed fasteners
  - Clean, sharp look

- Tapered for seamless tape/feather & paint
- Cover flush with adjacent construction

- Narrow channels for micro movement (thermal & wind)
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- Full multi-directional movement
  - ±100% expansion/contraction, lateral and vertical shear
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- Max open of 72"
**APPLICATION**
- Seismic, interior wall & ceiling cover that blends in with surrounding finishes

**FEATURES**
- Lightweight, durable aluminum composite panel; factory-primed for field paint standard
- Narrow sightlines
- No exposed fasteners
- Outer base members provide tape/feather (by others) for seamless transition to surrounding drywall
- Dual-Lock “hook & loop” holds cover securely in place until seismic movement
- Deflector clips thrust cover out of joint upon seismic movement, preventing damage to joint or cover
- Shockcord system permits full multi-directional movement upon disengagement
- Cable safety tethers offer fail-safe system
- Ships in 10’ lengths

**PERFORMANCE**
- Seismic, Thermal and Wind movement tested per standard ASTM E 1399
- Contributes to LEED® credits

**JOINT SIZES** (nominal)
- 4-36” (100-900mm)

**MOVEMENT**
- ±50% to ±100% Expansion/Contr.
- ±50% to ±100% Lateral Shear
- ±50% to ±100% Vertical Shear
OTHER SEISMIC EJC SYSTEMS:

**INTERIOR FLOOR PAN SYSTEM**

- Minimal “bump” across floor transitions
- Accommodates flooring within recess; narrow exposed sightline
- No exposed fasteners
- Centering bar device holds cover in place throughout movement (PJCL excluded)

**INTERIOR FLOOR PAN SYSTEM**

- Modular system, adaptable to accept infill materials or plate wrapped across surface
- Hinged door with safety cables permits movement up to seismic activity without damage
- Counterweight and cable system safety returns cover back to nominal position after event; powerful magnets help cover snap back into alignment
- Splicing capable
- Waterproofing standard
- Available in joint sizes up to 36”

**EXTERIOR WALL**

- Modular system, adaptable to accept infill materials or plate wrapped across surface
- Hinged door with safety cables permits movement up to seismic activity without damage
- Counterweight and cable system safety returns cover back to nominal position after event; powerful magnets help cover snap back into alignment
- Splicing capable
- Waterproofing standard
- Available in joint sizes up to 36”

**SEISMIC FLOOR FIRE BARRIERS:**

**MPF** [Standard] - 2Hr & 3Hr

- 2Hr & 3Hr fire ratings available
- Easy “drop-in” installation
- Simple lap slicing
- Up to 36” max open

**MPSF** Shear - 2Hr

- 2Hr fire rating available
- Slide mechanism permits horizontal shearing
- Up to 36” max open

**MPSF** Shear Max - 2Hr & 3Hr

- 2Hr & 3Hr fire ratings available
- Slide mechanism permits horizontal shearing
- Up to 72” max open

**MPUF** Undermount - 2Hr

- 2Hr fire rating available
- Mounts to underside of floor slabs when access above is limited
- Up to 36” max open

*"72" max open does not apply to a flex MetaFlex Pro (MPF3H)."
TRIMLINE SYSTEM
(ISW/ISWC)

LEARN MORE AT BALCO.US/ISW

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