

TRIMLINE

SYSTEM

(ISW/ISWC)

**INTERIOR EXPANSION
JOINT SYSTEM**

**FOR WALLS
AND CEILINGS**

**ACCOMMODATES SEISMIC
MOVEMENT (UP TO $\pm 100\%$)**

**LIGHTWEIGHT, THIN,
CLEAN LOOK**

**BLENDS IN WITH
SURROUNDING
CONSTRUCTION**



TRIMLINE^{SYSTEM}

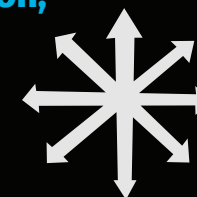
Seismic Expansion Joint System for INTERIOR WALLS & CEILINGS

Available from 4" to 36"
nominal joint sizes

• Max open of 72"

Full multi-directional movement
(±100% expansion/contraction,
lateral and vertical shear)

• Ideal for locations of
high seismic activity



Backup cable
safety tethers

• Secondary safety
system as fail-safe

Safety shockcord
& S-hooks

• Primary safety
system

Lightweight
aluminum
composite panel

• Economical
• Easy to install
• Primed at factory
for field paint

Secure Dual-Lock
technology

• Large contact area
on either side of cover
prevents accidental
disengagement
• Easy to reengage
after seismic activity

No exposed
fasteners

• Clean, sharp look

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

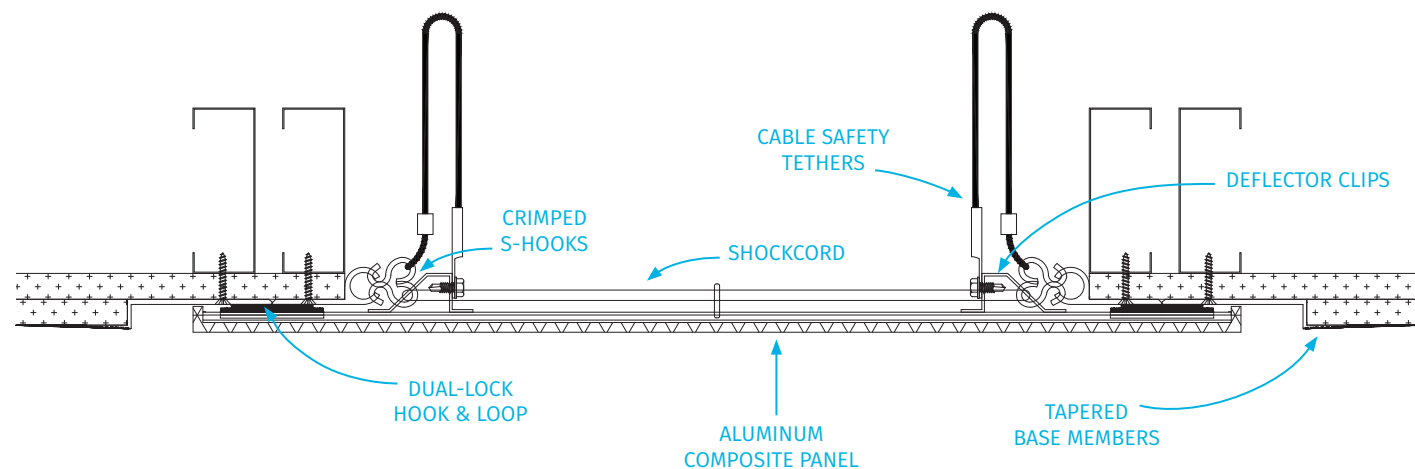
Tapered for
seamless tape/
feather & paint

• Easily blends into
surrounding wall

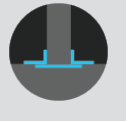
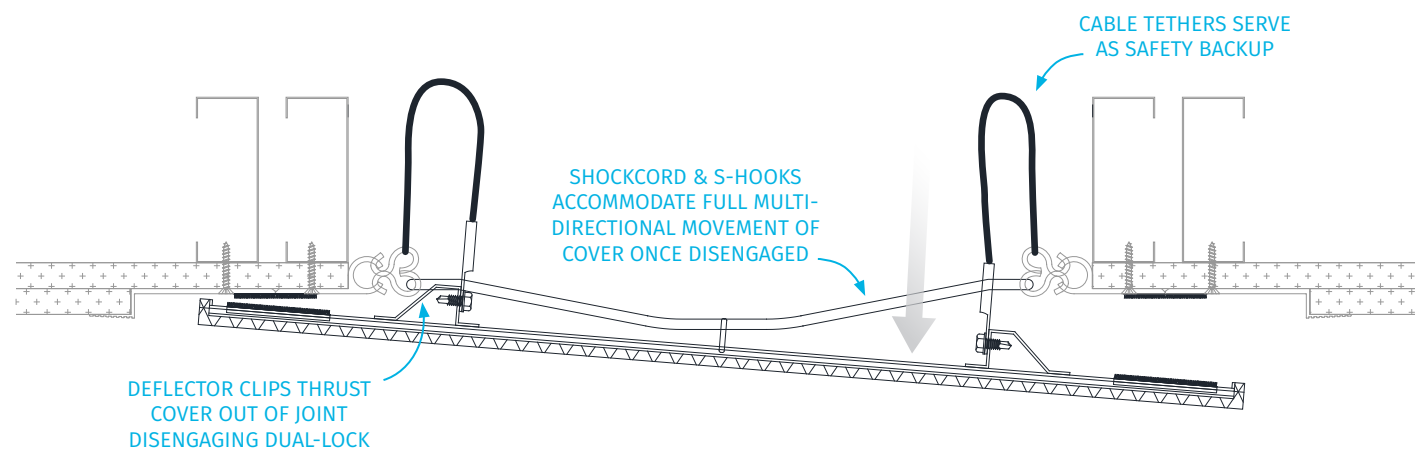
Cover flush with
adjacent construction

TRIMLINE^{SYSTEM}

Components



Seismic Movement



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

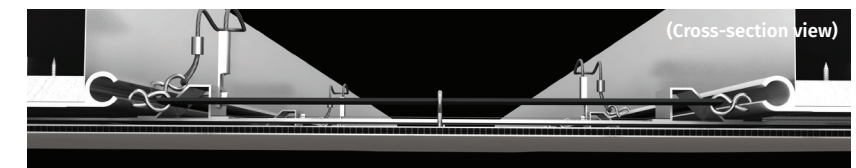
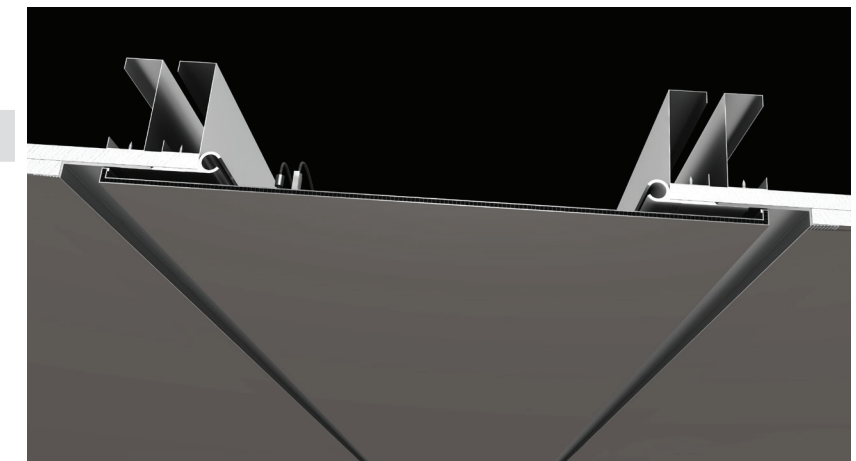


±50% to ±100% Vertical Shear

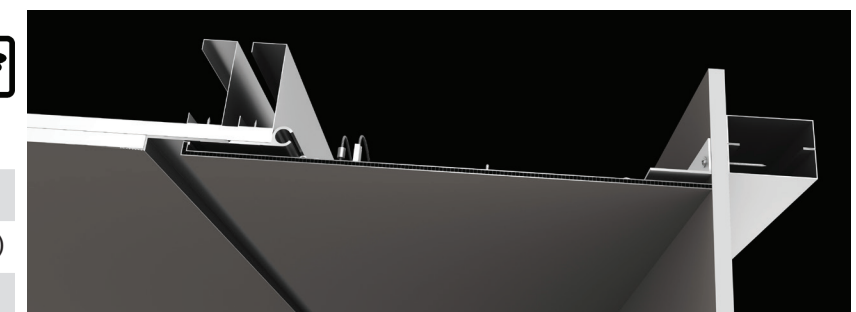
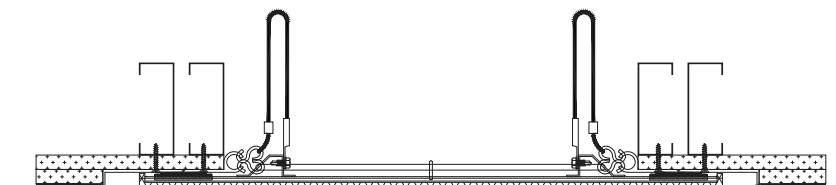


ISW

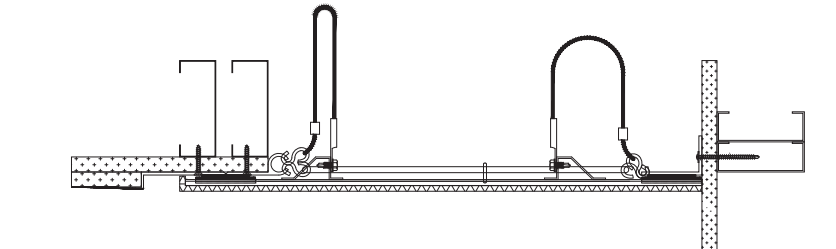
Recessed, Flush Composite Panel



ISW - Wall-to-wall/Ceiling-to-ceiling



ISWC - Wall-to-corner/Ceiling-to-corner



OTHER SEISMIC EJC SYSTEMS:

PJC

Interior Floor Pan



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)

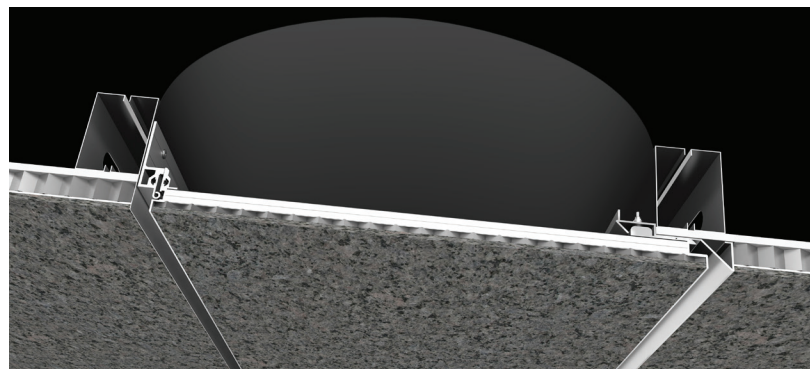
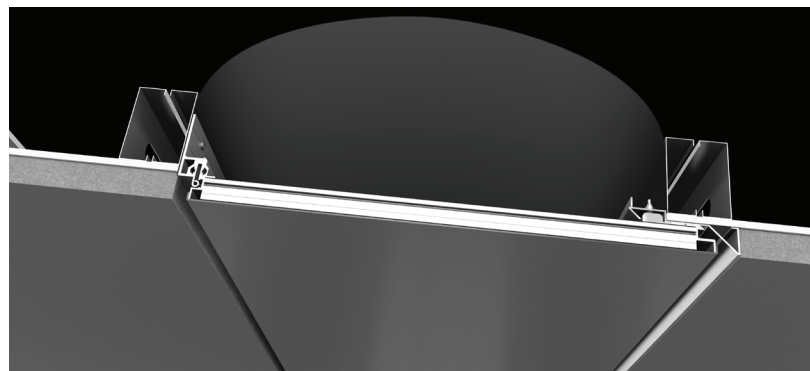
EXTERIOR WALL

CONCEAL
SERIES >>>

- 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"

PSWX

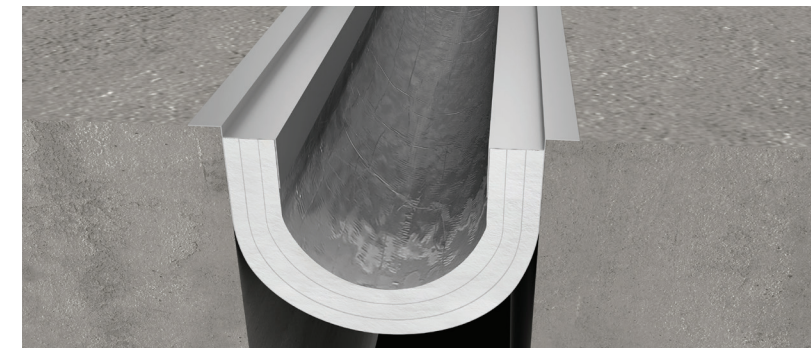
Exterior Wall Cover/Infill



SEISMIC FLOOR FIRE BARRIERS:

MPF

[Standard] - 2Hr & 3Hr



metaFLEX^{PRO}

←←←

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

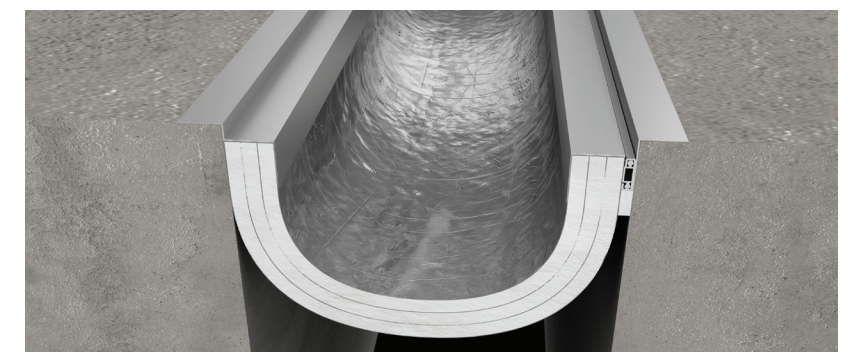
metaFLEX^{PRO}
S H E A R

>>>

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

MPSF

Shear - 2Hr



MPSF

Shear Max - 2Hr & 3Hr



metaFLEX^{PRO}
S H E A R MAX

←←←

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

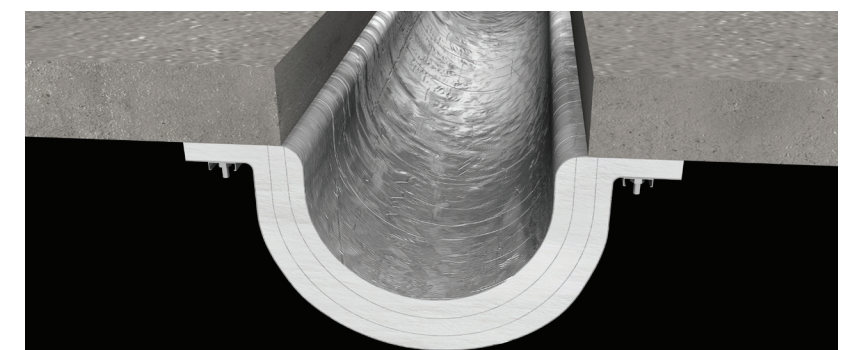
metaFLEX^{PRO}
UNDERMOUNT

>>>

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

MPUF

Undermount - 2Hr



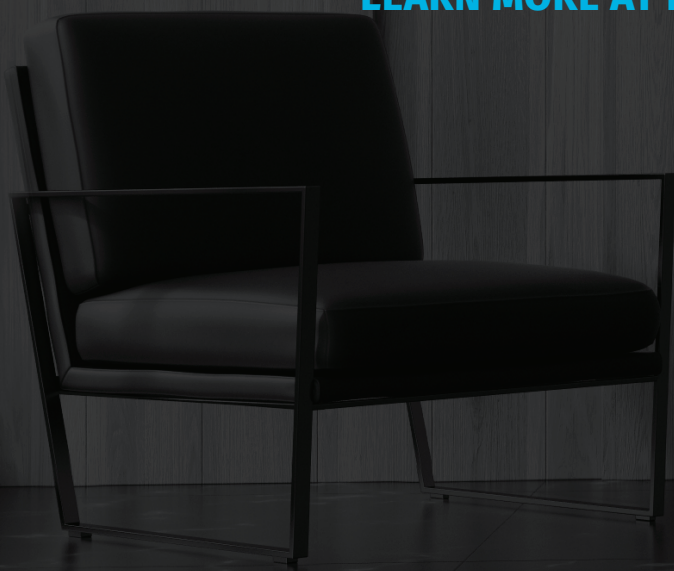
*36" max open does not apply to 3-hour MetaFlex Pro (MPF3H).

TRIMLINE[®]

SYSTEM

(ISW/ISWC)

LEARN MORE AT BALCO.US/ISW



A CSW Industrials Company

CERTIFIED ISO 9001
Quality Management System



Balco[®], Inc. 2626 S Sheridan, PO Box 17249, Wichita, Kansas 67217 Phone 316.945.9328 800.767.0082 balcousa.com
Balco, the logos and other trademarks are property of Balco, Inc., its affiliates or its licensors and are protected by copyright, trademark and other intellectual property laws, and may not be used without permission. Balco, Inc. reserves the right to change specifications without prior notice.
© 2012–2020 Balco, Inc. All rights reserved. B50087-0620